Mode1

Bemessung Stäbe im Gebrauchszustand

Norm

EuroNorm: OEN EN 1992-1-1:2004 (NA:2011) Stahlbeton- und Spannbetontragwerke (Austria) V 2024

Materialien

| | Materialbezeichnung |
|---|----------------------------------|
| 1 | C 30/37 N (EN 1992) Beton C30/37 |
| 2 | B 550 B (EN 1992) Bewehrung B550 |

Gewählte Stabelemente

| Selekt | ion | NrA | NrA NrE | | Тур | | | |
|---------|----------------------------|-------------|--------------|-----------|-----|--|--|--|
| STAB | | alle I | Elemente | | | | | |
| NrA,NrE | Bereich der Elementnummern | | | | | | | |
| x[m] | x-Wei | rt des Stab | schnitts ode | r Station | | | | |
| Тур | Eleme | enttyp | | | | | | |

Zweiachsige Biegung, Randspannungen im y-z System
Schlaffe Bewehrung wird bei Querschnitten so wie in AQUA berücksichtigt
Speicherung der Bewehrung als Bemessungsfall 2
Überlagerung der Bewehrung mit dem vorhandenen Bemessungsfall 1

Untersuchte Lastfälle

| LF | ACT | REF | BA | Bezeichnung | |
|---------|----------|-----|--------------|----------------------------------|-------------|
| 1421 | (P) | | | MAXP-N STAB | |
| 1422 | (P) | | | MINP-N STAB | |
| 1425 | (P) | | | MAXP-VZ STAB | |
| 1426 | (P) | | | MINP-VZ STAB | |
| 1429 | (P) | | | MAXP-MY STAB | 5 // |
| 1430 | (P) | | | MINP-MY STAB | |
| LF Las | tfall | REF | Referenzpunl | kt der Schnittgrößen | |
| ACT Eir | nwirkung | BA | Querschnitt | auf den die Schnittgrößen wirken | |

Schnitte und deren Ouerschnittswerte

| | | Querschnitt | A[m2] | yc[m] | zc[m] | Iyz[m4] | Iy[m4] | Iz[m4] | ycr[m] | zcr[m] |
|------|----------------|-------------|------------------------|---------|---------|----------|-----------|-----------|---------|---------|
| | | | | i[o/oo] | i[o/oo] | | | | n[o/oo] | n[o/oo] |
| 1001 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1002 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1003 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1004 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1005 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1006 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1007 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1008 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1009 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1010 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1011 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1012 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1015 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1013 | | _ | 2 0245.00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1013 | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.002.00 | 0.3002 01 | 1.0522 01 | 0.000 | 0.000 |
| 1013 | 1.003 0.000 | | 2.031E+00 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |

Model

Schnitte und deren Querschnittswerte

| Schnitte | und dei | ren Querschni | ittswerte | | | | | | | |
|----------|---------|---------------|-----------|---------|---------|----------|-----------|-----------|---------|---------|
| Stab | x[m] | Querschnitt | A[m2] | yc[m] | zc[m] | Iyz[m4] | Iy[m4] | Iz[m4] | ycr[m] | zcr[m] |
| | | | | i[o/oo] | i[o/oo] | | | | n[o/oo] | n[o/oo] |
| 1015 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1016 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1017 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1018 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1019 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| -0 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1020 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1021 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1022 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1022 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1023 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1023 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1024 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1024 | 1.003 | | | 0.000 | 0.000 | 0.00E+00 | | | 0.000 | 0.000 |
| 1025 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | | 6.980E-01 | 1.692E-01 | | |
| 1025 | | | 2.031E+00 | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1026 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1026 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1027 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1027 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 4000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1028 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1029 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1030 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1031 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1032 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1033 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1034 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1035 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1036 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1037 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1038 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1039 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1040 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| [| 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1041 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1042 | 0.000 | _ | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1043 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | | | | | | | | | | |

Mode1

Schnitte und deren Querschnittswerte

| Schnitte | e und de | ren Querschn | ittswerte | | | | | | | |
|----------|----------------|--------------|-----------|---------|---------|----------------------|-----------|-----------|---------|---------|
| Stab | x[m] | Querschnitt | A[m2] | yc[m] | zc[m] | Iyz[m4] | Iy[m4] | Iz[m4] | ycr[m] | zcr[m] |
| | | | | i[o/oo] | i[o/oo] | | | | n[o/oo] | n[o/oo] |
| 1043 | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1044 | 0.000 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1045 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1046 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1047 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1047 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1048 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1040 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1049 | 0.000 | | | 0.000 | 0.000 | | | | 0.000 | |
| 1049 | | | 2.031E+00 | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | | 0.000 |
| 1050 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1050 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1051 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1052 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1053 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1054 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1055 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1056 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1057 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1058 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1059 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1060 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1061 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1001 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1062 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1002 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1063 | | | | | | | 6.980E-01 | | | 0.000 |
| 1903 | 0.000 1.025 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | | 1.692E-01 | 0.000 | 0.000 |
| 1064 | 0.000 | | 2.031E+00 | 0.000 | | 0.00E+00 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1064 | | | 2.031E+00 | | 0.000 | | 6.980E-01 | 1.692E-01 | 0.000 | |
| 1065 | 1.025 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1065 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.025 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1066 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.025 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1067 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1068 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1069 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1070 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| L | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1071 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |

Mode1

Schnitte und deren Querschnittswerte

| Schnitte | und dei | ren Querschni | ittswerte | | | | | | | |
|----------|---------|---------------|------------------------|---------|---------|----------|-----------|-----------|---------|---------|
| Stab | x[m] | Querschnitt | A[m2] | yc[m] | zc[m] | Iyz[m4] | Iy[m4] | Iz[m4] | ycr[m] | zcr[m] |
| | | | | i[o/oo] | i[o/oo] | | | | n[o/oo] | n[o/oo] |
| 1072 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1073 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1074 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1075 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1076 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1077 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1078 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 10,0 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1079 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1075 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1080 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1081 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1001 | 0.997 | | | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | | 0.000 | 0.000 |
| 1082 | 0.000 | | 2.031E+00 2.031E+00 | 0.000 | 0.000 | | | 1.692E-01 | | |
| 1002 | 0.997 | | | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1083 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1003 | 0.997 | | 2.031E+00 | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1004 | | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1084 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1005 | 0.997 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1085 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1006 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1086 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1007 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1087 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1088 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1089 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1000 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1090 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1001 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1091 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 4005 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1092 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 4005 | 1.003 | 1 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1093 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1094 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1095 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1096 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1097 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1098 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | _ | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1099 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1100 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |

Mode1

Schnitte und deren Querschnittswerte

| Schnitte | und der | ren Querschn | ittswerte | | | | | | | |
|----------|---------|--------------|------------------------|---------|---------|----------|-----------|-----------|---------|---------|
| Stab | x[m] | Querschnitt | A[m2] | yc[m] | zc[m] | Iyz[m4] | Iy[m4] | Iz[m4] | ycr[m] | zcr[m] |
| | | | | i[o/oo] | i[o/oo] | | | | n[o/oo] | n[o/oo] |
| 1100 | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1101 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1102 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1103 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1104 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1105 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1106 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1107 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1107 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1108 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1100 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1109 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1109 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1110 | 0.000 | | 2.031E+00 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1116 | 1.003 | | | 0.000 | 0.000 | | | | 0.000 | |
| 1111 | 0.000 | | 2.031E+00 | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | | 0.000 |
| 1111 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1112 | | | 2.031E+00 | | | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1112 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1112 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1113 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 4444 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1114 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 4445 | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1115 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1116 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1117 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1118 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1119 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1120 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1121 | 0.000 | , | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1122 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1123 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1124 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1125 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1126 | 0.000 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| L | 1.003 | 2 | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1127 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | _ | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| 1128 | 0.000 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | 1.003 | | 2.031E+00 | 0.000 | 0.000 | 0.00E+00 | 6.980E-01 | 1.692E-01 | 0.000 | 0.000 |
| | _ | | | _ | | | _ | _ | | |

Model

A[m2] Querschnittsfläche Iyz[m4],Iy[m4],Iz[m4] Flächenträgheitsmoment yc[m],zc[m] Ordinate des elastischen Zentrums ycr[m],zcr[m] Referenzpunkt der Schnittgrößen

i[o/oo] Angesetzte Neigung der Druck- und Zuggurte für Querkraftanteil n[o/oo] Neigung der Stabachse zur Referenzachse

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1001 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 16.01 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 23.20 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 10.33 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 28.87 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 28.87 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 10.33 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 15.44 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 22.37 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.96 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 27.86 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 27.86 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.96 | 0.00 |
| 1002 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 15.44 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 22.37 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.96 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 27.86 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 27.86 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.96 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 14.88 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 21.54 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.58 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 26.84 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 26.84 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.58 | 0.00 |
| 1003 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 14.88 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 21.54 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.58 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 26.84 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 26.84 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.58 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 14.32 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 20.71 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.20 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 25.83 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 25.83 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.20 | 0.00 |
| 1004 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 14.32 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 20.71 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 9.20 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 25.83 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 25.83 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 9.20 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 13.76 | 0.00 |
| | | 7 | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 19.88 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.82 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 24.82 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 24.82 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.82 | 0.00 |
| 1005 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 13.76 | 0.00 |
| 1005 | 3.005 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 19.88 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.82 | 0.00 |
| | | | | -84.3 | 0.00 | -1.01 | 0.00 | 24.82 | 0.00 |
| | | | 1426 | | | | | | |

Mode1

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1005 | 0.000 | 1 | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.82 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 13.20 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 19.05 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.44 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 23.81 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 23.81 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.44 | 0.00 |
| 1006 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 13.20 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 19.05 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.44 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 23.81 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 23.81 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.44 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 12.64 | 0.00 |
| İ | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 18.22 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.06 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 22.80 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 22.80 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.06 | 0.00 |
| 1007 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 12.64 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 18.22 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 8.06 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 22.80 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 22.80 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 8.06 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 12.08 | 0.00 |
| | | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 17.39 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 7.68 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 21.79 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 21.79 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 7.68 | 0.00 |
| 1008 | 0.000 | 1 | 1421 | -46.8 | | -0.56 | 0.00 | 12.08 | 0.00 |
| | 0.000 | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 17.39 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 7.68 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 21.79 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 21.79 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 7.68 | 0.00 |
| - | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 11.52 | 0.00 |
| - | 1.005 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 16.56 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 7.30 | 0.00 |
| - | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 7.30 | 0.00 |
| 1009 | 0.000 | 1 | | | | | | | 0.00 |
| 1009 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 11.52 | |
| - | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 16.56 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 7.30 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 20.77 | 0.00 |
| - | 1 000 | .1 | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 7.30 | 0.0 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 10.96 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 15.73 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.92 | 0.0 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 19.76 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 19.76 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.92 | 0.00 |
| 1010 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 10.96 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 15.73 | 0.00 |

Mode1

| Bemessun | | | | | | | | | - |
|----------|-------|-----|-------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1010 | 0.000 | 1 | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.92 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.92 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 10.40 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 14.90 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.54 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 18.75 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 18.75 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.54 | 0.00 |
| 1011 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 10.40 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 14.90 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.54 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 18.75 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 18.75 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.54 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 9.84 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 14.07 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.17 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 17.74 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 17.74 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.17 | 0.00 |
| 1012 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 9.84 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 14.07 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 6.17 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 17.74 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 17.74 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 6.17 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 9.28 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 13.24 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.79 | 0.00 |
| | | | 1426 | -84.3 | | -1.01 | 0.00 | 16.73 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 16.73 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.79 | 0.00 |
| 1013 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 9.28 | 0.00 |
| | | | 1422 | -134.3 | | -0.83 | 0.00 | 13.24 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.79 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 16.73 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 16.73 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.79 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 8.71 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 12.41 | 0.00 |
| - | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.41 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 15.72 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 15.72 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.41 | 0.00 |
| 1014 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 8.71 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 12.41 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.41 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 15.72 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 15.72 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.41 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 8.15 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 11.58 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.03 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 14.71 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 14.71 | 0.00 |
| | | | - F2J | 07.5 | 0.00 | 1.01 | 0.00 | T-1.1 T | 0.00 |

Mode1

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|--------------|----------------|----------|----------------|----------|----------------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1014 | 1.003 | 1 | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.03 | 0.00 |
| 1015 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 8.15 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 11.58 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 5.03 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 14.71 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 14.71 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 5.03 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 7.59 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 10.75 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 4.65 | 0.0 |
| | | ŀ | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 13.69 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 13.69 | 0.0 |
| 4046 | | _ | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 4.65 | 0.0 |
| 1016 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 7.59 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 10.75 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 4.65 | 0.0 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 13.69 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 13.69 | 0.0 |
| | 4 000 | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 4.65 | 0.0 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 7.03 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 9.92 | 0.0 |
| | | ŀ | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 4.27 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | | 0.00 | 12.68 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 12.68 | 0.0 |
| 4047 | 0.000 | | 1430 | -96.8 | 0.00 | | 0.00 | 4.27 | 0.0 |
| 1017 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 7.03 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 9.92 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | | 0.00 | 4.27 | 0.00 |
| | | | 1426 1429 | -84.3 -84.3 | 0.00 | -1.01 -1.01 | 0.00 | 12.68 12.68 | 0.0 |
| | | | | | | | | | |
| | 1.003 | 1 | 1430 1421 | -96.8 -46.8 | 0.00 | -0.38 -0.56 | 0.00 | 4.27 6.47 | 0.0 |
| | 1.003 | - | 1421 | -134.3 | 0.00 | -0.83 | 0.00 | 9.09 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.89 | 0.0 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1429 | -84.3 | | -1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.89 | 0.0 |
| 1018 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 6.47 | 0.0 |
| 1018 | 0.000 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 9.09 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.89 | 0.0 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.89 | 0.0 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 5.91 | 0.0 |
| | 1.005 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 8.26 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.51 | 0.0 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 10.66 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 10.66 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.51 | 0.0 |
| 1019 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 5.91 | 0.0 |
| 1017 | 3.000 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 8.26 | 0.0 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.51 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | -1.01 | 0.00 | 10.66 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 10.66 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.51 | 0.0 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 5.35 | 0.0 |
| | בטשיד | т | 1441 | -40.8 | 0.00 | -0.83 | 0.00 | 7.43 | 0.0 |

Model

Bemessungs-Schnittgrößen

| Ctab | | | | NE Lan T | 16.FLA17 | V- F1-N17 | M± Clables 7 | Mar Clables T | M= F Ichles T |
|------|-------|-----|--------------|----------------|----------|-----------|--------------|---------------|---------------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1019 | 1.003 | 1 | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.13 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 9.65 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 9.65 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.13 | 0.00 |
| 1020 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 5.35 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 7.43 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 3.13 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 9.65 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 9.65 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 3.13 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 4.79 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 6.60 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.75 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 8.64 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 8.64 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.75 | 0.00 |
| 1021 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 4.79 | 0.00 |
| 1021 | 0.000 | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 6.60 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.75 | 0.00 |
| | | | | | | | | | |
| | | | 1426 1429 | -84.3 -84.3 | 0.00 | -1.01 | 0.00 | 8.64 | 0.00 |
| | | | | | 0.00 | -1.01 | 0.00 | 8.64 | 0.00 |
| | 1 002 | 1 | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.75 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 4.23 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 5.77 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.38 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.38 | 0.00 |
| 1022 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 4.23 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 5.77 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.38 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.38 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 3.67 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 4.94 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.00 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.00 | 0.00 |
| 1023 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 3.67 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 4.94 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 2.00 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 2.00 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 3.11 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 4.11 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 1.62 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 1.62 | 0.00 |
| 1024 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 3.11 | 0.00 |
| | 3.300 | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 4.11 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 1.62 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 5.60 | 0.00 |
| | | | ±-727 | 00 | 0.00 | 1.01 | 0.00 | 5.00 | 0.00 |

Model

| Demessuri | | | | | F1 | F17 | | | |
|-----------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1024 | 0.000 | 1 | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 1.62 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 2.54 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 3.28 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 1.24 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 1.24 | 0.00 |
| 1025 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 2.54 | 0.00 |
| 1025 | 0.000 | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 3.28 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 1.24 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 4.59 | 0.00 |
| | | | | | | | | | |
| + | 1 002 | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 1.24 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 1.98 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 2.45 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.86 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.86 | 0.00 |
| 1026 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 1.98 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 2.45 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.86 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.86 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 1.42 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 1.62 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.48 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.48 | 0.00 |
| 1027 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 1.42 | 0.00 |
| 1027 | 0.000 | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 1.62 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.48 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1429 | | | | | 2.57 | |
| | | | | -84.3 | | -1.01 | 0.00 | | 0.00 |
| | 4 002 | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.48 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 0.86 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 0.79 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.10 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.10 | 0.00 |
| 1028 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 0.86 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | 0.79 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | 0.10 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | 0.10 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 0.30 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -0.03 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -0.28 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 0.54 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 0.54 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | -0.28 | 0.00 |
| 1029 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | 0.30 | 0.00 |
| 1025 | 3.300 | _ | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -0.03 | 0.00 |
| | | L | -744 | 104.0 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 |

Model

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1029 | 0.000 | 1 | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -0.28 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | 0.54 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | -1.01 | 0.00 | 0.54 | 0.00 |
| - | | | 1430 | -96.8 | 0.00 | -0.38 | 0.00 | -0.28 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -0.86 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -0.66 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -0.47 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | -0.83 | 0.00 | -0.86 | 0.00 |
| 1030 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -0.86 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -0.66 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -0.47 | 0.00 |
| İ | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | -0.83 | 0.00 | -0.86 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -1.69 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -1.03 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -1.48 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | -0.83 | 0.00 | -1.69 | 0.00 |
| 1031 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -0.82 | 0.00 |
| | 0.000 | - | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -1.69 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -1.03 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -1.48 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | -0.83 | 0.00 | -1.69 | 0.00 |
| - | 1 002 | 1 | | | | | | | |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -2.52 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -1.41 | 0.00 |
| | | | 1426 | -84.3 | | -1.01 | 0.00 | -2.49 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1430 | -134.3 | | -0.83 | 0.00 | -2.52 | 0.00 |
| 1032 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1422 | -134.3 | | -0.83 | 0.00 | -2.52 | 0.00 |
| | | | 1425 | -96.8 | | -0.38 | 0.00 | -1.41 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -2.49 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | -0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | -0.83 | 0.00 | -2.52 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -1.94 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -3.35 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -3.50 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -3.50 | 0.00 |
| 1033 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -1.94 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -3.35 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -3.50 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -3.50 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -2.50 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -4.18 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -4.52 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.17 | 0.00 |
| | | | エサムフ | -90.8 | שי.ש | -6.38 | 0.00 | -2.1/ | ٥.٥ |

Model

Bemessungs-Schnittgrößen

| | | | | NITT-NIT | V6 - F1-N17 | V- F1-N7 | M4 F1-N 7 | Mr F I - No 7 | M= F1-Nu. 7 |
|------|-------|-----|------|----------|-------------|----------|-----------|---------------|-------------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1033 | 1.003 | 1 | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -4.52 | 0.00 |
| 1034 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -2.50 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -4.18 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -4.52 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -4.52 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -3.06 | 0.00 |
| | 1.003 | | | | | | | | |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -5.01 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -5.53 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -5.53 | 0.00 |
| 1035 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -3.06 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -5.01 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -5.53 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -5.53 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | | 0.00 |
| | 1.003 | | | | | | | -3.63 | |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -5.84 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -6.54 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -6.54 | 0.00 |
| 1036 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -3.63 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -5.84 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -6.54 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -6.54 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -4.19 | 0.00 |
| | 1.005 | _ | 1422 | -134.3 | 0.00 | | 0.00 | -6.67 | 0.00 |
| | | | | | | -0.83 | | | |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -7.55 | 0.00 |
| | | | 1429 | -96.8 | | -0.38 | | -3.31 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -7.55 | 0.00 |
| 1037 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -4.19 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -6.67 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -7.55 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -7.55 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -4.75 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -7.50 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | | 0.00 | -8.56 | 0.00 |
| | | | | | | -1.01 | | | |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -3.69 | 0.00 |
| 1000 | 0.000 | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -8.56 | 0.00 |
| 1038 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -4.75 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -7.50 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -8.56 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -8.56 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -5.31 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -8.33 | 0.00 |
| | | | | - /- | | | | | |

Model

Bemessungs-Schnittgrößen

| Bemessun | igs-Schni | Lttgro | oisen | | | | | | |
|----------|-----------|--------|-------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1038 | 1.003 | 1 | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.07 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -9.57 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.07 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -9.57 | 0.00 |
| 1039 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -5.31 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -8.33 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.07 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -9.57 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.07 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -9.57 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -5.87 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -9.16 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.45 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -10.58 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.45 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -10.58 | 0.00 |
| 1040 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -5.87 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -9.16 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.45 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -10.58 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.45 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -10.58 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -6.43 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -9.99 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -11.60 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -11.60 | 0.00 |
| 1041 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -6.43 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -9.99 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -11.60 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -11.60 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -6.99 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -10.82 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -12.61 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -12.61 | 0.00 |
| 1042 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -6.99 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -10.82 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -12.61 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -12.61 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -7.55 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -11.65 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -13.62 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -13.62 | 0.00 |
| 1043 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -7.55 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -11.65 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -13.62 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.58 | 0.00 |

Model

| Delliessui | igs-Schni | LLLGIL | osen | | | | | | |
|------------|-----------|--------|------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1043 | 0.000 | 1 | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -13.62 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -8.11 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -12.48 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -14.63 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -14.63 | 0.00 |
| 1044 | 0.000 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -8.11 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -12.48 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -14.63 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -14.63 | 0.00 |
| | 1.003 | 1 | 1421 | -46.8 | 0.00 | -0.56 | 0.00 | -8.67 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | -0.83 | 0.00 | -13.31 | 0.00 |
| | | | 1425 | -96.8 | 0.00 | -0.38 | 0.00 | -6.34 | 0.00 |
| | | | 1426 | -84.3 | 0.00 | -1.01 | 0.00 | -15.64 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | -0.38 | 0.00 | -6.34 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | -1.01 | 0.00 | -15.64 | 0.00 |
| 1045 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 24.58 | 0.00 | 0.00 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 24.58 | 0.00 | 0.00 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 44.33 | 0.00 | 0.00 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 24.34 | 0.00 | 0.00 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 44.33 | 0.00 | 0.00 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 24.58 | 0.00 | 0.00 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 38.29 | 0.00 | 41.20 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 20.99 | 0.00 | 22.60 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 38.29 | 0.00 | 41.20 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 20.99 | 0.00 | 22.60 | 0.00 |
| 1046 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 38.29 | 0.00 | 41.20 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 20.99 | 0.00 | 22.60 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 38.29 | 0.00 | 41.20 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 20.99 | 0.00 | 22.60 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 17.88 | 0.00 | 42.34 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 17.88 | 0.00 | 42.34 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 17.63 | 0.00 | 41.85 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 17.63 | 0.00 | 41.85 | 0.00 |
| 1047 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 17.88 | 0.00 | 42.34 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 17.88 | 0.00 | 42.34 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 17.63 | 0.00 | 41.85 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 17.63 | 0.00 | 41.85 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 14.53 | 0.00 | 58.50 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 14.53 | 0.00 | 58.50 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 26.21 | 0.00 | 105.51 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 14.28 | 0.00 | 57.77 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 26.21 | 0.00 | 105.51 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 14.28 | 0.00 | 57.77 | 0.00 |
| 1048 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 14.53 | 0.00 | 58.50 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 14.53 | 0.00 | 58.50 | 0.00 |

Mode1

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|----------|-------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1048 | 0.000 | 2 | 1425 | 0.0 | 0.00 | 26.21 | 0.00 | 105.51 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 14.28 | 0.00 | 57.77 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 26.21 | 0.00 | 105.51 | 0.00 |
| - | | | 1430 | 0.0 | 0.00 | 14.28 | 0.00 | 57.77 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 11.18 | 0.00 | 71.32 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 11.18 | 0.00 | 71.32 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 20.16 | 0.00 | 128.63 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 10.93 | 0.00 | 70.34 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 20.16 | 0.00 | 128.63 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 10.93 | 0.00 | 70.34 | 0.0 |
| 1049 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 11.18 | 0.00 | 71.32 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 11.18 | 0.00 | 71.32 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 20.16 | 0.00 | 128.63 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 10.93 | 0.00 | 70.34 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 20.16 | 0.00 | 128.63 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 10.93 | 0.00 | 70.34 | 0.0 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 7.83 | 0.00 | 80.80 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 7.83 | 0.00 | 80.80 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 14.12 | 0.00 | 145.73 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 7.58 | 0.00 | 79.57 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 14.12 | 0.00 | 145.73 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 7.58 | 0.00 | 79.57 | 0.0 |
| 1050 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 7.83 | 0.00 | 80.80 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 7.83 | 0.00 | 80.80 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 14.12 | 0.00 | 145.73 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 7.58 | 0.00 | 79.57 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 14.12 | 0.00 | 145.73 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 7.58 | 0.00 | 79.57 | 0.0 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 4.48 | 0.00 | 86.94 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 4.48 | 0.00 | 86.94 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 8.08 | 0.00 | 156.80 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 4.23 | 0.00 | 85.47 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 8.08 | 0.00 | 156.80 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 4.23 | 0.00 | 85.47 | 0.0 |
| 1051 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 4.48 | 0.00 | 86.94 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 4.48 | 0.00 | 86.94 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 8.08 | 0.00 | 156.80 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 4.23 | 0.00 | 85.47 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 8.08 | 0.00 | 156.80 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 4.23 | 0.00 | 85.47 | 0.0 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 1.13 | 0.00 | 89.73 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 1.13 | 0.00 | 89.73 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 2.04 | 0.00 | 161.84 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 0.88 | 0.00 | 88.02 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 2.04 | 0.00 | 161.84 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 0.88 | 0.00 | 88.02 | 0.0 |
| 1052 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 1.13 | 0.00 | 89.73 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | 1.13 | 0.00 | 89.73 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 2.04 | 0.00 | 161.84 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | 0.88 | 0.00 | 88.02 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | 2.04 | 0.00 | 161.84 | 0.0 |
| | | | 1430 | 0.0 | 0.00 | 0.88 | 0.00 | 88.02 | 0.0 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.0 |
| | | | 1422 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | -4.25 | 0.00 | 158.90 | 0.0 |
| | | | 1429 | 0.0 | 0.00 | -4.01 | 0.00 | 160.86 | 0.00 |
| | | | <u> </u> | 0.0 | 0.00 | 7.01 | 0.00 | 100.00 | 0.0 |

Mode1

| Bemessur | igs-Schni | ittgro | ßen | | | | | | |
|----------|-----------|--------|------|-------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1052 | 0.997 | 2 | 1430 | 0.0 | 0.00 | -2.47 | 0.00 | 87.23 | 0.00 |
| 1053 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -2.22 | 0.00 | 89.19 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -4.25 | 0.00 | 158.90 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -4.01 | 0.00 | 160.86 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -2.47 | 0.00 | 87.23 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -5.57 | 0.00 | 85.30 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -5.57 | 0.00 | 85.30 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -5.57 | 0.00 | 85.30 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -10.29 | 0.00 | 151.64 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -10.05 | 0.00 | 153.85 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -5.82 | 0.00 | 83.10 | 0.00 |
| 1054 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -5.57 | 0.00 | 85.30 | 0.00 |
| 1034 | 0.000 | | 1422 | 0.0 | 0.00 | | 0.00 | 85.30 | 0.00 |
| | | | | | | -5.57 | | 85.30 | |
| | | | 1425 | 0.0 | 0.00 | -5.57 | 0.00 | | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -10.29 | 0.00 | 151.64 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -10.05 | 0.00 | 153.85 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -5.82 | 0.00 | 83.10 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -16.34 | 0.00 | 138.37 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -16.09 | 0.00 | 140.82 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -9.17 | 0.00 | 75.62 | 0.00 |
| 1055 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -8.92 | 0.00 | 78.08 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -16.34 | 0.00 | 138.37 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -16.09 | 0.00 | 140.82 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -9.17 | 0.00 | 75.62 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -22.38 | 0.00 | 119.06 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -22.13 | 0.00 | 121.76 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -12.52 | 0.00 | 64.81 | 0.00 |
| 1056 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -12.27 | 0.00 | 67.51 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -22.38 | 0.00 | 119.06 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -22.13 | 0.00 | 121.76 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -12.52 | 0.00 | 64.81 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -15.62 | 0.00 | 53.60 | 0.00 |
| | 0.557 | | 1422 | 0.0 | 0.00 | -15.62 | 0.00 | 53.60 | 0.00 |
| | | | 1425 | | 0.00 | | 0.00 | | 0.00 |
| | | | | 0.0 | | -15.62 | | 53.60 | |
| | | | 1426 | 0.0 | 0.00 | -28.42 | 0.00 | 93.73 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -28.18 | 0.00 | 96.67 | 0.00 |
| 4057 | 0.000 | | 1430 | 0.0 | 0.00 | -15.87 | 0.00 | 50.66 | 0.00 |
| 1057 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -15.62 | 0.00 | 53.60 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -15.62 | 0.00 | 53.60 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -15.62 | 0.00 | 53.60 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -28.42 | 0.00 | 93.73 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -28.18 | 0.00 | 96.67 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -15.87 | 0.00 | 50.66 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |

Mode]

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|-------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1057 | 0.997 | 2 | 1425 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -34.46 | 0.00 | 62.38 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -34.22 | 0.00 | 65.56 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -19.22 | 0.00 | 33.17 | 0.00 |
| 1058 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -18.97 | 0.00 | 36.35 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -34.46 | 0.00 | 62.38 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -34.22 | 0.00 | 65.56 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -19.22 | 0.00 | 33.17 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -40.51 | 0.00 | 25.00 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -40.26 | 0.00 | 28.43 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -22.57 | 0.00 | 12.33 | 0.00 |
| 1059 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| 1033 | 0.000 | _ | 1422 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -22.32 | 0.00 | 15.76 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -40.51 | 0.00 | 25.00 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -40.26 | 0.00 | 28.43 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -22.57 | 0.00 | 12.33 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | 0.557 | | 1421 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | | | 1425 | | | | | | |
| | | | | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -46.55 | 0.00 | -18.41 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| 1000 | 0.000 | | 1430 | 0.0 | 0.00 | -46.55 | 0.00 | -18.41 | 0.00 |
| 1060 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -46.55 | 0.00 | -18.41 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -25.67 | 0.00 | -8.17 | 0.00 |
| | 2 22= | | 1430 | 0.0 | 0.00 | -46.55 | 0.00 | -18.41 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -52.59 | 0.00 | -67.84 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -52.59 | 0.00 | -67.84 | 0.00 |
| 1061 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -52.59 | 0.00 | -67.84 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -29.02 | 0.00 | -35.44 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -52.59 | 0.00 | -67.84 | 0.00 |
| | 0.997 | 2 | | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -58.63 | 0.00 | -123.29 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -58.63 | 0.00 | -123.29 | 0.00 |
| 1062 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -32.37 | 0.00 | -66.05 | 0.00 |
| | | 1 | 4426 | 0.0 | 0.00 | -58.63 | 0.00 | -123.29 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -38.03 | 0.0 | -123.29 | 0.0 |

Model

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|---------|----------------|----------|----------|----------------------|------------------------------|-------------------|
| 1050 | 2 222 | | 4 4 3 3 | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1062 | 0.000 | 2 | 1430 | 0.0 | 0.00 | -58.63 | 0.00 | -123.29 | 0.0 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -35.72 | 0.00 | -100.00 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -35.72 | 0.00 | -100.00 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | -35.72 | 0.00 | -100.00 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -64.67 | 0.00 | -184.77 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -35.72 | 0.00 | -100.00 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -64.67 | 0.00 | -184.77 | 0.00 |
| 1063 | 0.000 | 2 | 1421 | -19.3 | 0.00 | 6.89 | 0.00 | -83.61 | 0.00 |
| | | | 1422 | -56.0 | 0.00 | 57.43 | 0.00 | -161.00 | 0.0 |
| | | | 1425 | -56.0 | 0.00 | 57.43 | 0.00 | -161.00 | 0.0 |
| | | | 1426 | -19.3 | 0.00 | 6.89 | 0.00 | -83.61 | 0.0 |
| | | | 1429 | -19.3 | 0.00 | 6.89 | 0.00 | -83.61 | 0.0 |
| | | | 1430 | -56.0 | 0.00 | 57.43 | 0.00 | -161.00 | 0.0 |
| | 1.025 | 2 | 1421 | -19.3 | 0.00 | 3.45 | 0.00 | -78.31 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | 51.21 | 0.00 | -105.31 | 0.0 |
| | | | 1425 | -56.0 | 0.00 | 51.21 | 0.00 | -105.31 | 0.0 |
| | | | 1426 | -19.3 | 0.00 | 3.45 | 0.00 | -78.31 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | 48.45 | 0.00 | -42.38 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | 6.21 | 0.00 | -141.23 | 0.0 |
| 1064 | 0.000 | 2 | 1421 | -19.3 | 0.00 | 3.45 | 0.00 | -78.31 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | 51.21 | 0.00 | -105.31 | 0.0 |
| | | | 1425 | -56.0 | 0.00 | 51.21 | 0.00 | -105.31 | 0.0 |
| | | | 1426 | -19.3 | 0.00 | 3.45 | 0.00 | -78.31 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | 48.45 | 0.00 | -42.38 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | 6.21 | 0.00 | -141.23 | 0.0 |
| | 1.025 | 2 | 1421 | -19.3 | 0.00 | 0.00 | 0.00 | -76.54 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | 45.00 | 0.00 | -55.98 | 0.0 |
| | | | 1425 | -56.0 | 0.00 | 45.00 | 0.00 | -55.98 | 0.0 |
| | | | 1426 | -19.3 | 0.00 | 0.00 | 0.00 | -76.54 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | 45.00 | 0.00 | 5.52 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | 0.00 | 0.00 | -138.05 | 0.0 |
| 1065 | 0.000 | 2 | 1421 | -19.3 | 0.00 | 0.00 | 0.00 | -76.54 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | -45.00 | 0.00 | -55.98 | 0.0 |
| | | | 1425 | -34.7 | 0.00 | 0.00 | 0.00 | -138.05 | 0.0 |
| | | | 1426 | -40.6 | 0.00 | -45.00 | 0.00 | 5.52 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | -45.00 | 0.00 | 5.52 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | 0.00 | 0.00 | -138.05 | 0.0 |
| | 1.025 | 2 | 1421 | -19.3 | 0.00 | -3.44 | 0.00 | -78.31 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | -51.21 | 0.00 | -105.30 | 0.0 |
| | | | 1425 | -19.3 | 0.00 | -3.44 | 0.00 | -78.31 | 0.0 |
| | | | 1426 | -56.0 | 0.00 | -51.21 | 0.00 | -105.30 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | -48.44 | 0.00 | -42.38 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | -6.21 | 0.00 | -141.23 | 0.0 |
| 1066 | 0.000 | 2 | 1421 | -19.3 | 0.00 | -3.44 | 0.00 | -78.31 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | -51.21 | 0.00 | -105.30 | 0.0 |
| | | | 1425 | -19.3 | 0.00 | -3.44 | 0.00 | -78.31 | 0.0 |
| | | | 1426 | -56.0 | 0.00 | -51.21 | 0.00 | -105.30 | 0.0 |
| | | | 1429 | -40.6 | 0.00 | -48.44 | 0.00 | -42.38 | 0.0 |
| | | | 1430 | -34.7 | 0.00 | -6.21 | 0.00 | -141.23 | 0.0 |
| Ī | 1.025 | 2 | 1421 | -19.3 | 0.00 | -6.89 | 0.00 | -83.60 | 0.0 |
| | | | 1422 | -56.0 | 0.00 | -57.42 | 0.00 | -160.99 | 0.0 |
| İ | | | 1425 | -19.3 | 0.00 | -6.89 | 0.00 | -83.60 | 0.0 |
| | | | | | 0.00 | -57.42 | 0.00 | -160.99 | 0.0 |
| | | | 1426 | -20.0 | | | | | |
| | | | | -56.0 -19.3 | | | 0.00 | -83.60 | 0.0 |
| | | | 1429 | -19.3 | 0.00 | -6.89 | 0.00 | -83.60 -160.99 | |
| 1067 | 0.000 | 2 | | | | | 0.00 0.00 0.00 | -83.60 -160.99 -100.00 | 0.0 0.0 0.0 |

Model

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|------|------|----------|----------|----------|----------|------------------|----------|
| Scab | ~[] | Qivi | | IT KIT J | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1067 | 0 000 | 2 | 1/25 | 9.0 | 0.00 | | | -184.77 | |
| 1067 | 0.000 | 2 | 1425 | 0.0 | | 64.68 | 0.00 | | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 35.73 | 0.00 | -100.00 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 35.73 | 0.00 | -100.00 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 64.68 | 0.00 | -184.77 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 58.64 | 0.00 | -123.29 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 58.64 | 0.00 | -123.29 | 0.00 |
| 1068 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 58.64 | 0.00 | -123.29 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 32.38 | 0.00 | -66.05 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 58.64 | 0.00 | -123.29 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 52.59 | 0.00 | -67.83 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 52.59 | 0.00 | -67.83 | 0.00 |
| 1069 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| 1005 | 0.000 | _ | 1422 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 52.59 | 0.00 | | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 29.03 | 0.00 | -67.83 -35.43 | 0.00 |
| | | | | | | _ | | | |
| | | | 1429 | 0.0 | 0.00 | 29.03 | 0.00 | -35.43 | 0.00 |
| | 0.007 | | 1430 | 0.0 | 0.00 | 52.59 | 0.00 | -67.83 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 46.55 | 0.00 | -18.39 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 46.55 | 0.00 | -18.39 | 0.00 |
| 1070 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 46.55 | 0.00 | -18.39 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 25.67 | 0.00 | -8.16 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 46.55 | 0.00 | -18.39 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 40.51 | 0.00 | 25.01 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 40.26 | 0.00 | 28.45 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 22.57 | 0.00 | 12.34 | 0.00 |
| 1071 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 40.51 | 0.00 | 25.01 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 22.32 | 0.00 | 15.77 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 40.26 | 0.00 | 28.45 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 22.57 | 0.00 | 12.34 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | 3.554 | 5 | 1422 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 34.47 | 0.00 | 62.40 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | | | | | | | | | |
| | | | 1429 | 0.0 | 0.00 | 34.22 | 0.00 | 65.58 | 0.00 |

Mode1

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|-------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1071 | 0.997 | 2 | 1430 | 0.0 | 0.00 | 19.22 | 0.00 | 33.18 | 0.00 |
| 1072 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 34.47 | 0.00 | 62.40 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 18.97 | 0.00 | 36.36 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 34.22 | 0.00 | 65.58 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 19.22 | 0.00 | 33.18 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 28.42 | 0.00 | 93.75 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 28.18 | 0.00 | 96.69 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 15.87 | 0.00 | 50.67 | 0.00 |
| 1073 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 28.42 | 0.00 | 93.75 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 15.62 | 0.00 | 53.61 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 28.18 | 0.00 | 96.69 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 15.87 | 0.00 | 50.67 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 12.27 | 0.00 | 67.52 | 0.00 |
| | 0.557 | _ | 1422 | 0.0 | 0.00 | 12.27 | 0.00 | 67.52 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 22.38 | 0.00 | 119.08 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 12.27 | 0.00 | 67.52 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 22.13 | 0.00 | 121.78 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 12.52 | 0.00 | 64.82 | 0.00 |
| 1074 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 12.32 | 0.00 | 67.52 | 0.00 |
| 10/4 | 0.000 | 2 | | | | _ | | | |
| | | | 1422 | 0.0 | 0.00 | 12.27 | 0.00 | 67.52 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 22.38 | 0.00 | 119.08 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 12.27 | 0.00 | 67.52 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 22.13 | 0.00 | 121.78 | 0.00 |
| - | | | 1430 | 0.0 | 0.00 | 12.52 | 0.00 | 64.82 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 16.34 | 0.00 | 138.39 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1429 | 0.0 | | 16.09 | 0.00 | 140.84 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 9.17 | 0.00 | 75.64 | 0.00 |
| 1075 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 16.34 | 0.00 | 138.39 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 8.92 | 0.00 | 78.09 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 16.09 | 0.00 | 140.84 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 9.17 | 0.00 | 75.64 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 10.29 | 0.00 | 151.66 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 10.05 | 0.00 | 153.87 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 5.82 | 0.00 | 83.11 | 0.00 |
| 1076 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 10.29 | 0.00 | 151.66 | 0.0 |
| | | | 1425 | 0.0 | 0.00 | 5.57 | 0.00 | 85.31 | 0.0 |
| | | | 1426 | 0.0 | 0.00 | | 0.00 | 153.87 | 0.00 |
| | | | | | | 10.05 | | | |
| | 0.007 | | 1430 | 0.0 | 0.00 | 5.82 | 0.00 | 83.11 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |

Mode1

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|-------|----------|----------|----------|-----------------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1076 | 0.997 | 2 | 1425 | 0.0 | 0.00 | 4.25 | 0.00 | 158.92 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 4.01 | 0.00 | 160.88 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 2.47 | 0.00 | 87.24 | 0.00 |
| 1077 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | 4.25 | 0.00 | 158.92 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | 2.22 | 0.00 | 89.20 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 4.01 | 0.00 | 160.88 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | 2.47 | 0.00 | 87.24 | 0.00 |
| Γ | 0.997 | 2 | 1421 | 0.0 | 0.00 | -1.13 | 0.00 | 89.74 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -1.13 | 0.00 | 89.74 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -0.88 | 0.00 | 88.03 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -2.04 | 0.00 | 161.86 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | 2.04 | 0.00 | 161.86 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -0.88 | 0.00 | 88.03 | 0.00 |
| 1078 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -1.13 | 0.00 | 89.74 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -1.13 | 0.00 | 89.74 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -0.88 | 0.00 | 88.03 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -2.04 | 0.00 | 161.86 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -2.04 | 0.00 | 161.86 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -0.88 | 0.00 | 88.03 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -4.48 | 0.00 | 86.95 | 0.00 |
| | 0.337 | _ | 1422 | 0.0 | 0.00 | -4.48 | 0.00 | 86.95 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -4.23 | 0.00 | 85.47 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -8.08 | 0.00 | 156.81 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -8.08 | 0.00 | 156.81 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -4.23 | 0.00 | 85.47 | 0.00 |
| 1079 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -4.48 | 0.00 | 86.95 | 0.00 |
| 1075 | 0.000 | _ | 1422 | 0.0 | 0.00 | -4.48 | 0.00 | 86.95 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -4.23 | 0.00 | 85.47 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -8.08 | 0.00 | 156.81 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -8.08 | 0.00 | 156.81 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -4.23 | 0.00 | 85.47 | 0.00 |
| + | 0.997 | 2 | 1421 | 0.0 | 0.00 | -7.83 | 0.00 | 80.81 | 0.00 |
| | 0.557 | _ | 1422 | 0.0 | | -7.83 | 0.00 | 80.81 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -7.59 | 0.00 | 79.58 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -14.12 | 0.00 | 145.74 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -14.12 | 0.00 | 145.74 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -7.59 | 0.00 | 79.58 | 0.00 |
| 1080 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -7.83 | 0.00 | 80.81 | 0.00 |
| 1000 | 0.000 | | 1422 | 0.0 | 0.00 | -7.83 | 0.00 | 80.81 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -7.83 | 0.00 | 79.58 | 0.00 |
| | | | | | 0.00 | | 0.00 | | 0.00 |
| | | | 1426 | 0.0 | | -14.12 | | 145.74 | |
| | | | 1429 | 0.0 | 0.00 | -14.12 | 0.00 | 145.74 79.58 | 0.00 |
| + | 0 007 | 2 | 1430 | | | -7.59 | | | |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -11.18 | 0.00 | 71.33 | 0.00 |
| | | | 1422 | | | -11.18 | 0.00 | 71.33 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -10.94 | 0.00 | 70.35 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -20.17 | 0.00 | 128.65 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -20.17 | 0.00 | 128.65 | 0.00 |
| 1001 | 0.000 | | 1430 | 0.0 | 0.00 | -10.94 | 0.00 | 70.35 | 0.00 |
| 1081 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -11.18 | 0.00 | 71.33 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -11.18 | 0.00 | 71.33 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -10.94 | 0.00 | 70.35 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -20.17 | 0.00 | 128.65 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -20.17 | 0.00 | 128.65 | 0.00 |

Model

| Bemessur | igs-Schni | ittgr | ößen | | | | | | |
|----------|-----------|-------|------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1081 | 0.000 | 2 | 1430 | 0.0 | 0.00 | -10.94 | 0.00 | 70.35 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -14.53 | 0.00 | 58.51 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -14.53 | 0.00 | 58.51 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -14.29 | 0.00 | 57.77 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -26.21 | 0.00 | 105.52 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -26.21 | 0.00 | 105.52 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -14.29 | 0.00 | 57.77 | 0.00 |
| 1082 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -14.53 | 0.00 | 58.51 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -14.53 | 0.00 | 58.51 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -14.29 | 0.00 | 57.77 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -26.21 | 0.00 | 105.52 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -26.21 | 0.00 | 105.52 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -14.29 | 0.00 | 57.77 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -17.88 | 0.00 | 42.35 | 0.00 |
| | | _ | 1422 | 0.0 | 0.00 | -17.88 | 0.00 | 42.35 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -17.64 | 0.00 | 41.86 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -17.64 | 0.00 | 41.86 | 0.00 |
| 1083 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -17.88 | 0.00 | 42.35 | 0.00 |
| 1005 | 0.000 | | 1422 | 0.0 | 0.00 | -17.88 | 0.00 | 42.35 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -17.64 | 0.00 | 41.86 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -32.25 | 0.00 | 76.37 | 0.00 |
| | | | 1429 | | | | | | |
| | | | 1430 | 0.0 | 0.00 | -32.25 | 0.00 | 76.37 | 0.00 |
| | 0 007 | 2 | | 0.0 | 0.00 | -17.64 | 0.00 | 41.86 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -20.99 | 0.00 | 22.60 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -38.30 | 0.00 | 41.20 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -38.30 | 0.00 | 41.20 | 0.00 |
| 1001 | | | 1430 | 0.0 | 0.00 | -20.99 | 0.00 | 22.60 | 0.00 |
| 1084 | 0.000 | 2 | 1421 | 0.0 | 0.00 | -21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -21.23 | 0.00 | 22.84 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -20.99 | 0.00 | 22.60 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -38.30 | 0.00 | 41.20 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -38.30 | 0.00 | 41.20 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -20.99 | 0.00 | 22.60 | 0.00 |
| | 0.997 | 2 | 1421 | 0.0 | 0.00 | -24.58 | 0.00 | 0.00 | 0.00 |
| | | | 1422 | 0.0 | 0.00 | -24.58 | 0.00 | 0.00 | 0.00 |
| | | | 1425 | 0.0 | 0.00 | -24.34 | 0.00 | 0.00 | 0.00 |
| | | | 1426 | 0.0 | 0.00 | -44.34 | 0.00 | 0.00 | 0.00 |
| | | | 1429 | 0.0 | 0.00 | -44.09 | 0.00 | 0.00 | 0.00 |
| | | | 1430 | 0.0 | 0.00 | -24.58 | 0.00 | 0.00 | 0.00 |
| 1085 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -8.67 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -13.30 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -15.64 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -6.34 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -6.34 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -15.64 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -8.11 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -12.47 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -14.62 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -14.62 | 0.00 |
| 1086 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -8.11 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -12.47 | 0.00 |
| | | | | | | | | | |

Mode1

Bemessungs-Schnittgrößen

| Stab | gs-Schni x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|------------------|------|------|--------|----------|----------|----------|----------|----------|
| Jeas | \[] | ę.u. | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1086 | 0.000 | 2 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -14.62 | 0.00 |
| 1000 | 0.000 | _ | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.96 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -14.62 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -7.55 | 0.00 |
| | 1.005 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -11.64 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -13.61 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -13.61 | 0.00 |
| 1087 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -7.55 | 0.00 |
| 1007 | 0.000 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -11.64 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -13.61 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.58 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -13.61 | 0.00 |
| - | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -6.99 | 0.00 |
| | 1.005 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -10.82 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -12.60 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -12.60 | 0.00 |
| 1088 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -6.99 | 0.00 |
| 1000 | 0.000 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -10.82 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -12.60 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -5.20 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -12.60 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -6.43 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -9.99 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -11.59 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -11.59 | 0.00 |
| 1089 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -6.43 | 0.00 |
| | | | 1422 | -134.3 | | 0.83 | 0.00 | -9.99 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -11.59 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.82 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -11.59 | 0.00 |
| İ | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -5.87 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -9.16 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -10.58 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.44 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.44 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -10.58 | 0.00 |
| 1090 | 0.000 | 2 | | -46.8 | 0.00 | 0.56 | 0.00 | -5.87 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -9.16 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -10.58 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.44 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.44 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -10.58 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -5.31 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -8.33 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -9.57 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.06 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.06 | 0.00 |
| | | | | | | | | | |

Model

Bemessungs-Schnittgrößen

| Bemessur | ngs-Schni | ittgr | ißen | | | | | | |
|----------|-----------|-------|------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1090 | 1.003 | 2 | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -9.57 | 0.00 |
| 1091 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -5.31 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -8.33 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -9.57 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -4.06 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -4.06 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -9.57 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -4.74 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -7.50 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -8.56 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -8.56 | 0.00 |
| 1092 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -4.74 | 0.00 |
| 1092 | 0.000 | | | | | | | | |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -7.50 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -8.56 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -3.69 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -8.56 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -4.18 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -6.67 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -7.55 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -7.55 | 0.00 |
| 1093 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -4.18 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -6.67 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -7.55 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -3.31 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -7.55 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -3.62 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -5.84 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -6.54 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -6.54 | 0.00 |
| 1094 | 0.000 | 2 | 1421 | -46.8 | 0.00 | | | | 0.00 |
| 1054 | 0.000 | | 1422 | | 0.00 | 0.56 | 0.00 | -3.62 | 0.00 |
| | | | | -134.3 | | 0.83 | 0.00 | -5.84 | |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -6.54 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.93 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -6.54 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -3.06 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -5.01 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -5.52 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -5.52 | 0.00 |
| 1095 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -3.06 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -5.01 | 0.00 |
| | | 7 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -5.52 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.55 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -5.52 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -2.50 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -4.18 | 0.00 |
| | | | | L | | L | | | |

Model

Bemessungs-Schnittgrößen

| | | | | NITI-NIT | V6 - F1-N17 | V- F1-N7 | M4 F1-N 7 | Mar Flatina T | M = F I - N = - 1 |
|------|-------|-----|--------------|----------|-------------|--------------|-----------|---------------|-------------------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1095 | 1.003 | 2 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -4.51 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -4.51 | 0.00 |
| 1096 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -2.50 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -4.18 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -4.51 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -2.17 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -4.51 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -1.94 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -3.35 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -3.50 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1429 | -96.8 | 0.00 | 0.38 | 0.00 | -1.79 | 0.00 |
| | | | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -3.50 | 0.00 |
| 1097 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -1.94 | 0.00 |
| 1057 | 0.000 | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -3.35 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -3.50 | 0.00 |
| | | | | | | | | | |
| | | | 1426 1429 | -96.8 | 0.00 | 0.38 0.38 | 0.00 | -1.79 | 0.00 |
| | | | | -96.8 | 0.00 | | 0.00 | -1.79 | 0.00 |
| | 1 002 | 2 | 1430 | -84.3 | 0.00 | 1.01 | 0.00 | -3.50 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -2.52 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -2.49 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -1.41 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -1.38 | 0.00 |
| 1000 | | | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -2.52 | 0.00 |
| 1098 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -2.52 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -2.49 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -1.41 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -1.38 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -2.52 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -1.69 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -1.48 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -1.03 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -1.69 | 0.00 |
| 1099 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -1.69 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -1.48 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -1.03 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -0.82 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -1.69 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -0.86 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -0.47 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -0.66 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -0.86 | 0.00 |
| 1100 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | -0.26 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -0.86 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | -0.47 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -0.66 | 0.00 |
| | | | 1429 | -46.8 | 0.00 | 0.56 | 0.00 | -0.26 | 0.00 |
| | | | | | | | | | |

Model

| DCIIIC334II | | | | | | F17 | | | |
|-------------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1100 | 0.000 | 2 | 1430 | -134.3 | 0.00 | 0.83 | 0.00 | -0.86 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 0.30 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -0.03 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 0.54 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -0.28 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 0.54 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | -0.28 | 0.00 |
| 1101 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 0.30 | 0.00 |
| 1101 | 0.000 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | -0.03 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 0.54 | 0.00 |
| 1 | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | -0.28 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 0.54 | 0.00 |
| | | | | | | | 0.00 | | |
| - | 1 002 | | 1430 | -96.8 | 0.00 | 0.38 | | -0.28 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 0.86 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 0.79 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 0.10 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.10 | 0.00 |
| 1102 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 0.86 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 0.79 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 0.10 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 1.55 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.10 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 1.42 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 1.62 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 0.48 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.48 | 0.00 |
| 1103 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 1.42 | 0.00 |
| 1105 | 0.000 | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 1.62 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 2.57 | 0.00 |
| | | | 1425 | | | | 0.00 | 0.48 | |
| | | | | -96.8 | 0.00 | 0.38 | | | 0.00 |
| | | | 1429 | -84.3 | | 1.01 | | 2.57 | 0.00 |
| | 4 000 | _ | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.48 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 1.98 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 2.45 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 0.86 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.86 | 0.00 |
| 1104 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 1.98 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 2.45 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 0.86 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 3.58 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 0.86 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 2.54 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 3.28 | 0.00 |
| | 4 | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 1.24 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 1.24 | 0.00 |
| 1105 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 2.54 | 0.00 |
| 1100 | 3.000 | | 1421 | -134.3 | 0.00 | 0.83 | 0.00 | 3.28 | 0.00 |
| | | | 1477 | -104.5 | 0.00 | 0.03 | 0.00 | 3.20 | 0.00 |

Model

Bemessungs-Schnittgrößen

| Ctab | | | | NIT I-NIT | V6.F1-N17 | V- F1-N3 | M± [lekim] | Ma o F Lohium T | M= F IzNim 1 |
|------|-------|-----|------|-----------|-----------|----------|--------------|-----------------|--------------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1105 | 0.000 | 2 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 1.24 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 4.59 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 1.24 | 0.00 |
| 1 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 3.10 | 0.00 |
| 1 | | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 4.11 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 1.62 | 0.00 |
| | | | | | | | | | |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 5.60 | 0.00 |
| | | _ | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 1.62 | 0.00 |
| 1106 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 3.10 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 4.11 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 1.62 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 5.60 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 1.62 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 3.66 | 0.00 |
| 1 | | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 4.94 | 0.00 |
| 1 | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 6.61 | 0.00 |
| | | | | | | | | | |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.00 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.00 | 0.00 |
| 1107 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 3.66 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 4.94 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.00 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 6.61 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.00 | 0.00 |
| 1 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 4.23 | 0.00 |
| 1 | 1.005 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 5.77 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 7.62 | 0.00 |
| | | | | | | | | | |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.37 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.37 | 0.00 |
| 1108 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 4.23 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 5.77 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.37 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 7.62 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.37 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 4.79 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 6.60 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 8.63 | 0.00 |
| 1 | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.75 | 0.00 |
| 1 | | | | | | | | | |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 8.63 | 0.00 |
| 4405 | 0.005 | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.75 | 0.00 |
| 1109 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 4.79 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 6.60 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 8.63 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 2.75 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 8.63 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 2.75 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 5.35 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 7.43 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 9.64 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.13 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 9.64 | 0.00 |
| | | | 1423 | -04.3 | 0.00 | 1.01 | 0.00 | 5.04 | 0.00 |

Model

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|------|--------|----------|----------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1109 | 1.003 | 2 | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.13 | 0.00 |
| 1110 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 5.35 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 7.43 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 9.64 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.13 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 9.64 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.13 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 5.91 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 8.26 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 10.65 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.51 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 10.65 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.51 | 0.0 |
| 1111 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 5.91 | 0.0 |
| | | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 8.26 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 10.65 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.51 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 10.65 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.51 | 0.0 |
| - | 1.003 | 2 | 1421 | | | | | 6.47 | |
| | 1.003 | | | -46.8 | 0.00 | 0.56 | 0.00 | | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 9.09 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.89 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.89 | 0.0 |
| 1112 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 6.47 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 9.09 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 3.89 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 11.67 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 3.89 | 0.0 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 7.03 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 9.92 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 12.68 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 4.27 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 12.68 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 4.27 | 0.0 |
| 1113 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 7.03 | 0.0 |
| | 0.000 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 9.92 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 12.68 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 4.27 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 12.68 | 0.0 |
| | | | 1430 | | | | | | 0.0 |
| | 1 002 | 2 | | -96.8 | 0.00 | 0.38 | 0.00 | 4.27 | |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 7.59 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 10.75 | 0.0 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 13.69 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 4.65 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 13.69 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 4.65 | 0.0 |
| 1114 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 7.59 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 10.75 | 0.0 |
| | | 7 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 13.69 | 0.0 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 4.65 | 0.0 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 13.69 | 0.0 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 4.65 | 0.0 |
| İ | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 8.15 | 0.0 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 11.58 | 0.0 |
| | | | | | 1.50 | 0.00 | 5.50 | | |

Model

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|--------------|----------------|----------|----------|----------|---------------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1114 | 1.003 | 2 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 14.70 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 5.03 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 14.70 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 5.03 | 0.00 |
| 1115 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 8.15 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 11.58 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 14.70 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 5.03 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 14.70 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 5.03 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 8.71 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 12.40 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 15.71 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 5.40 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 15.71 | 0.00 |
| 1115 | 0.000 | _ | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 5.40 | 0.00 |
| 1116 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 8.71 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 12.40 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 15.71 | 0.00 |
| | | | 1426 1429 | -96.8 | 0.00 | 0.38 | 0.00 | 5.40 | 0.00 |
| | | | 1429 | -84.3 -96.8 | 0.00 | 0.38 | 0.00 | 15.71 5.40 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 9.27 | 0.00 |
| | 1.005 | | 1421 | -134.3 | 0.00 | 0.83 | 0.00 | 13.23 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 16.72 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 5.78 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 16.72 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 5.78 | 0.00 |
| 1117 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 9.27 | 0.00 |
| 111/ | 0.000 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 13.23 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 16.72 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 5.78 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 16.72 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 5.78 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 9.83 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 14.06 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 17.73 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.16 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 17.73 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.16 | 0.00 |
| 1118 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 9.83 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 14.06 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 17.73 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.16 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 17.73 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.16 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 10.39 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 14.89 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 18.74 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.54 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 18.74 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.54 | 0.00 |
| 1119 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 10.39 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 14.89 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 18.74 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.54 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 18.74 | 0.00 |

Model

| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|------|-------|-----|--------------|----------------|----------|--------------|----------|---------------|--------------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1119 | 0.000 | 2 | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.54 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 10.95 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 15.72 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.92 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.92 | 0.00 |
| 1120 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 10.95 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 15.72 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 6.92 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 19.76 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 6.92 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 11.51 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 16.55 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 7.30 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 20.77 | 0.00 |
| 1121 | 0.000 | 2 | 1430 1421 | -96.8 -46.8 | 0.00 | 0.38 0.56 | 0.00 | 7.30 11.51 | 0.00 |
| 1121 | 0.000 | | 1421 | -134.3 | 0.00 | 0.83 | 0.00 | 16.55 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 7.30 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 20.77 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 7.30 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 12.07 | 0.00 |
| | 1.005 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 17.38 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 21.78 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 7.68 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 21.78 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 7.68 | 0.00 |
| 1122 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 12.07 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 17.38 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 21.78 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 7.68 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 21.78 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 7.68 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 12.64 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 18.21 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 22.79 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 8.06 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 22.79 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 8.06 | 0.00 |
| 1123 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 12.64 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 18.21 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 22.79 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 8.06 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 22.79 | 0.00 |
| | 1 002 | • 1 | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 8.06 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 13.20 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 19.04 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 23.80 | 0.00 |
| | | | 1426 1429 | -96.8 -84.3 | 0.00 | 0.38 | 0.00 | 8.43 | 0.00 0.00 |
| | | | 1439 | -84.3 -96.8 | 0.00 | 1.01 0.38 | 0.00 | 23.80 8.43 | 0.00 |
| 1124 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 13.20 | 0.00 |
| 1124 | 5.000 | _ | 1421 | -134.3 | 0.00 | 0.83 | 0.00 | 19.04 | 0.00 |
| | | | ±744 | -174.0 | 0.00 | 0.03 | 0.00 | 19.04 | 0.00 |

Mode1

Bemessungs-Schnittgrößen

| Ctab | | | | NIT I-NIT | V6.F1-N17 | V- F1-N3 | M± [lekim] | Ma o F Lohium T | M= F IzNim 7 |
|------|--------|-----|------|-----------|-----------|----------|--------------|-----------------|--------------|
| Stab | x[m] | QNr | LF | N[kN] | Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1124 | 0.000 | 2 | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 23.80 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 8.43 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 23.80 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 8.43 | 0.00 |
| 1 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 13.76 | 0.00 |
| | | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 19.87 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 24.81 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 8.81 | 0.00 |
| | | | | | | | | | |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 24.81 | 0.00 |
| | | _ | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 8.81 | 0.00 |
| 1125 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 13.76 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 19.87 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 24.81 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 8.81 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 24.81 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 8.81 | 0.00 |
| 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 14.32 | 0.00 |
| | _,,,,, | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 20.70 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 25.82 | 0.00 |
| | | | | | | | | | |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.19 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 25.82 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.19 | 0.00 |
| 1126 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 14.32 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 20.70 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 25.82 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.19 | 0.00 |
| 1 | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 25.82 | 0.00 |
| 1 | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.19 | 0.00 |
| 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 14.88 | 0.00 |
| | 1.005 | _ | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 21.53 | 0.00 |
| | | | | | | | | | |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 26.83 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.57 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 26.83 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.57 | 0.00 |
| 1127 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 14.88 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 21.53 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 26.83 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.57 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 26.83 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.57 | 0.00 |
| 1 | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 15.44 | 0.00 |
| | 1.005 | _ | | | | | | | |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 22.36 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 27.84 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.95 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 27.84 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.95 | 0.00 |
| 1128 | 0.000 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 15.44 | 0.00 |
| | | | 1422 | -134.3 | 0.00 | 0.83 | 0.00 | 22.36 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 27.84 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 9.95 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 27.84 | 0.00 |
| | | | 1430 | -96.8 | 0.00 | 0.38 | 0.00 | 9.95 | 0.00 |
| | 1.003 | 2 | 1421 | -46.8 | 0.00 | 0.56 | 0.00 | 16.00 | 0.00 |
| | 1.005 | | 1421 | | | | | | |
| | | | | -134.3 | 0.00 | 0.83 | 0.00 | 23.18 | 0.00 |
| | | | 1425 | -84.3 | 0.00 | 1.01 | 0.00 | 28.86 | 0.00 |
| | | | 1426 | -96.8 | 0.00 | 0.38 | 0.00 | 10.33 | 0.00 |
| | | | 1429 | -84.3 | 0.00 | 1.01 | 0.00 | 28.86 | 0.00 |

Mode]

Bemessung Stäbe im Gebrauchszustand

Bemessungs-Schnittgrößen

| Stab | x[m] | QNr | LF | N[kN |] Vy[kN] | Vz[kN] | Mt[kNm] | My[kNm] | Mz[kNm] |
|-------------|-----------|----------|------|-------------------|---------------------|-------------|----------|----------|----------|
| | | | | | Mb[kNm2] | Mtp[kNm] | Mts[kNm] | eMy[kNm] | eMz[kNm] |
| 1128 | 1.003 | 2 | 1430 | -96. | 0.00 | 0.38 | 0.00 | 10.33 | 0.00 |
| N[kN] | Norm | alkraft | | Mb[kNm2] N | lölbmoment | | 4 | | |
| Vy[kN],Vz[k | N] Schu | okraft | | Mtp[kNm] | orimäres Torsionsmo | ment | | ' & | |
| Mt[kNm] | Tors | ionsmome | nt | Mts[kNm] | sekundäres Torsions | moment | | | |
| My[kNm],Mz[| kNm] Bieg | emoment | | eMy[kNm],eMz[kNm] | usatzmomente aus I | mperfektion | | | |

Dehnungszustand

Parameter zur Dehnungsermittlung

Gleichgewichts-Iteration aller Schnittgrößen

Nachweis der Rissbreite EuroNorm: OEN EN 1992-1-1:2004 (NA:2011) Stahlbeton- und Spannbetontragwerke

Grenzen für die anzusetzende effektive Zone h-min= 0.0 h-max= 800.0 [mm]

Bemessungswerte der Rissweite 0.200 [mm]

Beiwert kt zur Lastdauer (EN 1992-1-1 Eq. 7.9) 0.40

NDP:factor k3 for EN 1992-1-1 equation (7.11) 0.000

Material Querschnitte mit Gebrauchsarbeitslinie ohne Sicherheitsbeiwerte

Material Bewehrungen mit Gebrauchsarbeitslinie ohne Sicherheitsbeiwerte

Angesetzte Materialeigenschaften

| Mat | Anz. | Sicherheits | Max.Druck | bei | Max.Zug | bei | Tension- | Verbund |
|-----|------|-------------|-----------|---------|-----------|---------|-------------|---------|
| | Temp | beiwert | -spannung | Dehnung | -spannung | Dehnung | stiffening | faktor |
| | | [-] | [MPa] | [0/00] | [MPa] | [0/00] | [MPa] | [-] |
| 1 | 0 | 1.000 | -38.00 | -2.16 | 0.00 | 0.00 | fc,t = 0.00 | |
| 2 | 0 | 1.000 | -594.00 | -50.00 | 594.00 | 50.00 | | 0.80 |

| - 0 | | | | | | | | | | | | |
|------|-------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1001 | 0.000 | 1 | 1421 | -46.8 | 16.00 | 0.00 | | 1.010 | -0.05 | -0.24 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | 0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 1 | 1422 | -134.3 | 23.19 | 0.00 | | 2.003 | -0.10 | -0.54 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.54 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 10.33 | 0.00 | | 3.239 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 28.86 | 0.00 | | 1.010 | -0.08 | -0.43 | | 34909 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | 0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | | | | | | | | | | | | |

Model

| Dehnungszustand | | | | | | | | | | | | |
|-----------------|-------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1001 | 0.000 | 1 | 1429 | -84.3 | 28.86 | 0.00 | | 1.010 | -0.08 | -0.43 | | 34909 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | 0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 1 | 1430 | -96.8 | 10.33 | 0.00 | | 3.239 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| 1001 | 1.003 | 1 | 1421 | -46.8 | 15.44 | 0.00 | | 1.047 | -0.05 | -0.24 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | 0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 22.36 | 0.00 | ٠.٠ | 2.077 | -0.10 | -0.53 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 9.95 | 0.00 | | 3.362 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 27.85 | 0.00 | | 1.047 | -0.08 | -0.43 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | | -0.05 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 27.85 | 0.00 | | 1.047 | -0.08 | -0.43 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | | -0.05 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 9.95 | 0.00 | | 3.362 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1002 | 0.000 | 1 | 1421 | -46.8 | 15.44 | 0.00 | | 1.047 | -0.05 | -0.24 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | 0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 22.36 | 0.00 | | 2.077 | -0.10 | -0.53 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | _ | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.53 | | | |
| | | | | | _ | | | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 9.95 | 0.00 | | 3.362 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 27.85 | 0.00 | 7 | 1.047 | -0.08 | -0.43 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 27.85 | 0.00 | | 1.047 | -0.08 | -0.43 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | | -0.000 | -0.05 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 9.95 | 0.00 | | 3.362 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | | -0.001 | -0.21 | | | |
| 1002 | 1.003 | 1 | 1421 | -46.8 | 14.88 | 0.00 | | 1.087 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 21.53 | 0.00 | | 2.157 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.10 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.52 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1425 | | 9.57 | 0.00 | | 3.495 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |

Model

| Dehnungszustand | | | | | | | | | | | | |
|-----------------|-------|-----|-------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng - | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 26.84 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.42 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 26.84 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| | | _ | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | 0.00 | | 32037 |
| | | | | 110001101 | - | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.42 | | | |
| | | | | Dewein ung | 2 | | max | | -0.06 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 9.57 | 0.00 | | 3.495 | -0.06 | -0.34 | | 32837 |
| | 1.003 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | -0.21 | | 32637 |
| | | | | Material | | | | -0.001 | -0.03 | | | |
| | | | | Payahnung | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| 1003 | 0.000 | 1 | 1.121 | 46.0 | 14.00 | 0.00 | max | | -0.21 | 0.22 | | 22027 |
| 1003 | 0.000 | 1 | 1421 | -46.8 | 14.88 | 0.00 | | | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | • | -0.001 | -0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 21.53 | 0.00 | | 2.157 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.52 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 9.57 | 0.00 | | 3.495 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | | | | max | | -0.21 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 26.84 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 26.84 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|----------------|--------|-------|--------|----------------|----------------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1003 | 0.000 | 1 | 1430 | -96.8 | 9.57 | 0.00 | | 3.495 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| 1003 | 1.003 | 1 | 1421 | -46.8 | 14.32 | 0.00 | | 1.129 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.04 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 20.70 | 0.00 | | 2.244 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.10 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.52 | | | |
| | | _ | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 9.19 | 0.00 | 7 | 3.639 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | 1 003 | 1 | 1426 | 04.2 | 25 02 | 0.00 | | -0.001 | -0.21 | 0.41 | | 24010 |
| | 1.003 | 1 | 1426 | -84.3 -0.001 | 25.83 0.001 | 0.00 | | 1.129 | -0.08 -0.00 | -0.41 -0.07 | | 34910 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | -0.07 | | 32037 |
| | | | | riacei Iai | | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | Deweill dilg | _ | | | -0.002 | -0.07 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 25.83 | 0.00 | | 1.129 | -0.08 | -0.41 | | 34910 |
| | 1.005 | _ | 1,23 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | 32037 |
| | | | | | _ | | | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | | -0.000 | -0.07 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 9.19 | 0.00 | | 3.639 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| 1004 | 0.000 | 1 | 1421 | -46.8 | 14.32 | 0.00 | | 1.129 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.04 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 20.70 | 0.00 | | 2.244 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.10 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.52 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|--------|-------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 9.19 | 0.00 | | 3.639 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 25.83 | 0.00 | | 1.129 | -0.08 | -0.41 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | | | | max | | -0.07 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 25.83 | 0.00 | | 1.129 | -0.08 | -0.41 | | 34910 |
| | | _ | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | 5_55 |
| | | | | liace. Iai | - | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Dewein ung | - | | max | | -0.07 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 9.19 | 0.00 | | | -0.06 | -0.34 | | 32837 |
| | 0.000 | | 1450 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | 0.21 | | 32037 |
| | | | | nacci zaz | - | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | bewein ung | _ | | max | | -0.21 | | | |
| 1004 | 1.003 | 1 | 1421 | -46.8 | 13.76 | 0.00 | | 1.175 | -0.04 | -0.22 | | 32837 |
| 1004 | 1.003 | | 1721 | -0.001 | 0.001 | 0.000 | • | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.04 | 0.04 | | 32037 |
| | | | | lucci Iui | - | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.22 | | | |
| | | | | bewein ung | ۷ | | | -0.000 | -0.04 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 19.87 | 0.00 | | 2.337 | -0.09 | -0.51 | | 32837 |
| | 1.005 | | 1422 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.09 | -0.25 | | 52857 |
| | | | | lacel Tal | 1 | | | -0.001 | -0.09 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.51 | | | |
| | | | | beweinfung | 2 | | | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 8.82 | 0.00 | | 3.795 | -0.25 | -0.33 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.22 | | 32837 |
| | | | | riacei iai | | | | 1 | | | | |
| | | | | Roughnung | 2 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | 1 002 | 1 | 1/120 | 04.3 | 24 01 | 0.00 | | -0.001 | -0.22 | 0.40 | | 24010 |
| | 1.003 | 1 | 1426 | -84.3 | 24.81 | 0.00 | | 1.175 | -0.08 -0.01 | -0.40 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | min | -0.002 | | -0.07 | | 32837 |
| | | | | Material | 1 | | | | -0.08 | | | |
| | | | | Dough aver- | | | | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | | | | max | -0.000 | -0.07 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1004 | 1.003 | 1 | 1429 | -84.3 | 24.81 | 0.00 | | 1.175 | -0.08 | -0.40 | 1 | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | _ | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | Dewein ding | _ | | max | | -0.07 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 8.82 | 0.00 | | 3.795 | -0.06 | -0.33 | | 32837 |
| | 1.003 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | | 1 | 0.000 | min | | -0.05 | -0.22 | | 32037 |
| | | | | Material | 1 | | min | ł | | | | |
| | | | | D | 2 | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| 1005 | | | 4 4 0 4 | 44.0 | 42.74 | | max | | -0.22 | | | 20027 |
| 1005 | 0.000 | 1 | 1421 | -46.8 | 13.76 | 0.00 | | 1.175 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.22 | | | |
| | | | | | | | max | -0.000 | -0.04 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 19.87 | 0.00 | 7 | 2.337 | -0.09 | -0.51 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.51 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 8.82 | 0.00 | | 3.795 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | Dewein ung | = | | max | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 24.81 | 0.00 | | 1.175 | -0.08 | -0.40 | | 34910 |
| | 0.000 | _ | 1420 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | -0.07 | | 32837 |
| | | | | Hacel Tal | 1 | | | | -0.01 | | | |
| | | | | Poulobning | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | 0.000 | 1 | 1420 | 04.3 | 24 01 | 0.00 | max | | -0.07 | 0.40 | | 24010 |
| | 0.000 | 1 | 1429 | -84.3 | 24.81 | 0.00 | | 1.175 | -0.08 | -0.40 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | max | | -0.07 | | | |
| | 0.000 | 1 | 1430 | | 8.82 | 0.00 | | 3.795 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1005 | 1.003 | 1 | 1421 | -46.8 | 13.20 | 0.00 | | 1.225 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.22 | | | |
| | | | | | _ | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.04 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 19.04 | 0.00 | | 2.439 | -0.09 | -0.51 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.51 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 8.44 | 0.00 | | 3.966 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 23.80 | 0.00 | | 1.225 | -0.08 | -0.40 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 23.80 | 0.00 | Y | 1.225 | -0.08 | -0.40 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 8.44 | 0.00 | | 3.966 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1006 | 0.000 | 1 | 1421 | -46.8 | 13.20 | 0.00 | | 1.225 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.22 | | | |
| | | | | 8 | _ | | max | | -0.04 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 19.04 | 0.00 | | 2.439 | -0.09 | -0.51 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.51 | | | |
| | | | | 8 | _ | | max | | -0.25 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 8.44 | 0.00 | | 3.966 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.33 | | | |
| | | | | | - | | | | -0.22 | | | |
| | | | | | | | iliax | 0.001 | 0.22 | | | |

Model

| Stab X[m] QNC LF Ni (km) (km) (km) (km) (m) (m) (ma) | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|-------|------------|-------|-------|------|--------|-------|-------|--------|--------|
| | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | | ky | | | | | | | Ez-eff |
| | | | | | | | | | | | | | |
| 1,006 | | | | | | | | | | | | | |
| 1006 | | | | | Dezezeimai | 'ь | | | | | | | |
| -0.001 | 1006 | 0 000 | 1 | 1/126 | -9/1 2 | 22 90 | | | | | | K-7[] | |
| Naterial 1 | 1000 | 0.000 | | 1420 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | -0.08 | | 32837 |
| Bewehrung 2 | | | | | riacei iai | т_ | | | | | | | |
| | | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | | Bewenrung | 2 | | | | | | | |
| | | 0.000 | | 4.420 | 04.3 | 22.00 | 0.00 | | | | 0.40 | | 22027 |
| Material 1 | | 0.000 | 1 | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.08 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| 1.000 | | | | | Bewehrung | 2 | | | | | | | |
| 1.003 1 1425 -96.8 8.06 0.0000 0.0000 0.0000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | | | | | | | | max | | | | | |
| Material 1 | | 0.000 | 1 | 1430 | | 8.44 | 0.00 | | 3.966 | | -0.33 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | | -0.22 | | 32837 |
| | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| 1006 1.003 1 1421 -46.8 12.64 0.00 -1.1 1.280 -0.04 -0.22 32837 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1006 | | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| -0.001 0.001 0.000 min -0.000 -0.05 32837 -0.001 -0.04 max -0.000 -0.05 max -0.000 -0.05 32837 -0.001 -0.04 max -0.000 -0.05 -0.05 32837 -0.002 0.001 -0.001 -0.04 max -0.000 -0.05 -0.05 32837 -0.002 0.001 -0.002 -0.05 -0.05 -0.05 32837 -0.002 -0.002 -0.003 -0.00 -0.05 -0.03 32837 -0.001 -0.001 -0.004 min -0.003 -0.09 -0.05 -0.33 32837 -0.001 -0.001 -0.004 min -0.003 -0.09 -0.05 -0.33 32837 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.002 -0.05 -0.33 32837 -0.001 -0.001 -0.002 -0.06 max -0.001 -0.02 -0.04 -0.22 32837 -0.001 -0.002 -0.04 -0.22 32837 -0.001 -0.002 -0.04 -0.022 -0.05 -0.001 -0.001 -0.002 -0.05 -0.001 -0 | | | | | | | | max | -0.001 | -0.22 | | | |
| Material 1 | 1006 | 1.003 | 1 | 1421 | -46.8 | 12.64 | 0.00 | 7 | 1.280 | -0.04 | -0.22 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.05 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| 1.003 1 1422 -134.3 18.21 0.00 2.556 -0.09 -0.50 32837 | | | | | | | | max | -0.000 | -0.00 | | | |
| 1.003 1 1422 -134.3 18.21 0.00 2.556 -0.09 -0.50 32837 | | | | | Bewehrung | 2 | | min | -0.001 | -0.22 | | | |
| 1.003 1 1422 | | | | | | | | | | | | | |
| -0.002 | | 1.003 | 1 | 1422 | -134.3 | 18.21 | 0.00 | | | | -0.50 | | 32837 |
| Material 1 | | | | | | | | | | | | | |
| Bewehrung 2 | | | | | | | | min | | | | | |
| Bewehrung 2 | | | | | | _ | | | | | | | |
| 1.003 1 1425 -96.8 8.06 0.00 4.152 -0.06 -0.33 32837 | | | | | Rewehrung | 2 | | | | | | | |
| 1.003 1 1425 | | | | | Dewein ung | = | | | | | | | |
| -0.001 | | 1 003 | 1 | 1/125 | -96.8 | 8 06 | 9 99 | | | | -0 33 | | 32837 |
| Material 1 | | 1.005 | _ | 1423 | - | | | • | | | | | |
| Bewehrung 2 | | | | | | 1 | 0.000 | min | | | 0.22 | | 32037 |
| Bewehrung 2 | | | | | Idectiful | | | | | | | | |
| 1.003 | | | | | Powohnung | 2 | | | | | | | |
| 1.003 | | | | | bewein ung | ۷. | | | | | | | |
| -0.001 | | 1 002 | 1 | 1/126 | 94.2 | 22 70 | 0 00 | | | | -0 20 | | 22027 |
| Material 1 | | 1.003 | 1 | 1420 | | | | | | | | | |
| Bewehrung 2 | | | | | | 0.001 | 0.000 | ف می | | | -0.09 | | 32837 |
| Bewehrung 2 min -0.002 -0.39 max -0.000 -0.09 | | | | | ma cer 1a1 | 1 | | | | | | | |
| 1.003 1 1429 | | | | | | | | | | | | | |
| 1.003 1 1429 | | | | | Bewenrung | 2 | | | | | | | |
| 1.003 1 1430 -96.8 8.06 0.000 -0.002 -0.04 -0.09 32837 | | 4 000 | 4 | 4400 | 24.2 | 22.70 | | | | | 0.20 | | 22027 |
| Material 1 min -0.002 -0.07 max -0.000 -0.01 min -0.002 -0.39 max -0.000 -0.09 1.003 1 1430 -96.8 8.06 0.00 4.152 -0.06 -0.33 32837 -0.001 0.000 min -0.002 -0.04 -0.22 32837 max -0.001 -0.002 -0.06 max -0.001 -0.004 | | 1.003 | 1 | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.09 | | 32837 |
| Bewehrung 2 min -0.002 -0.39 max -0.000 -0.09 | | | | | Material | 1 | | | | | | | |
| 1.003 1 1430 -96.8 8.06 0.00 4.152 -0.06 -0.33 32837 -0.001 0.000 max -0.002 -0.04 -0.22 32837 min -0.002 -0.06 max -0.001 -0.04 | | | | | _ | | | | | | | | |
| 1.003 1 1430 -96.8 8.06 0.00 4.152 -0.06 -0.33 32837 -0.001 0.000 min -0.002 -0.06 max -0.001 -0.04 32837 | | | | | Bewehrung | 2 | | | | | | | |
| -0.001 0.000 0.000 -0.002 -0.04 -0.22 32837 | | | | | | | | max | | | | | |
| Material 1 min -0.002 -0.06 max -0.001 -0.04 | | 1.003 | 1 | 1430 | | | | | | | | | |
| max -0.001 -0.04 | | | | | | 0.000 | 0.000 | | | | -0.22 | | 32837 |
| | | | | | Material | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1007 | 0.000 | 1 | 1421 | -46.8 | 12.64 | 0.00 | | 1.280 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.22 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 18.21 | 0.00 | | 2.550 | -0.09 | -0.50 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.50 | | | |
| | | | | | | | max | | -0.26 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 8.06 | 0.00 | | 4.152 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | Jenem ung | _ | | max | | -0.22 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 22.79 | 0.00 | Y | | -0.07 | -0.39 | | 32837 |
| | | _ | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | 0.02 | | 32037 |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | Jenem ung | _ | | max | | -0.09 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 22.79 | 0.00 | | 1.279 | -0.07 | -0.39 | | 32837 |
| | | _ | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.05 | | 32037 |
| | | | | liace. Iai | - | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | Deweill dilg | | | | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 8.06 | 0.00 | | 4.152 | -0.06 | -0.33 | | 32837 |
| | 5.000 | _ | T-470 | -0.001 | 0.000 | 0.000 | •- | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.04 | 0.22 | | 32037 |
| | | | | riacci tat | 1 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | bewein ding | ۷ | | | -0.001 | -0.22 | | | |
| 1007 | 1.003 | 1 | 1421 | -46.8 | 12.08 | 0.00 | | 1.339 | -0.04 | -0.21 | | 32837 |
| 1007 | 1.003 | | 1461 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.05 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.01 | 0.05 | | 52057 |
| | | | | riacci tat | 1 | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.21 | | | |
| | | | | Dewelli ulig | 2 | | | -0.000 | -0.21 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 17.38 | 0.00 | | | -0.05 | -0.50 | | 32837 |
| | 1.003 | 4 | 1422 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.04 | -0.27 | | 32037 |
| | | | | macel 1d1 | 1 | | | | | | | |
| | | | | Roughnung | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.50 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|-------|-------------|--------|--------|------------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [o/oo] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1007 | 1.003 | 1 | 1425 | -96.8 | 7.68 | 0.00 | | 4.357 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 21.78 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | 1 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 21.78 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.38 | | | |
| | | | | | | | max | | -0.09 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 7.68 | 0.00 | 7 | 4.357 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| 1000 | 0.000 | 4 | 4.424 | 45.0 | 42.00 | 2.00 | max | | -0.22 | 0.24 | | 22027 |
| 1008 | 0.000 | 1 | 1421 | -46.8 | 12.08 | 0.00 | | 1.339 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | min | -0.001 -0.001 | -0.01 -0.04 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.21 | | | |
| | | | | bewein ung | 2 | | | | -0.21 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 17.38 | 0.00 | max | 2.672 | -0.09 | -0.50 | | 32837 |
| | 0.000 | | 1422 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.09 | 0.27 | | 32037 |
| | | | | Idectiful | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.50 | | | |
| | | | | Dewein ding | _ | | max | | -0.27 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 7.68 | 0.00 | | 4.357 | -0.06 | -0.33 | | 32837 |
| | 2.300 | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | - 2027 |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | | _ | | max | | -0.22 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 21.78 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | | -0.09 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 21.78 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | | | | | | |

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| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|-------|------------------|--------|--------|------------|--------|----------------|----------------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 7.68 | 0.00 | | 4.357 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| 1.2.2.2 | | | | | | | max | -0.001 | -0.22 | | | |
| 1008 | 1.003 | 1 | 1421 | -46.8 | 11.51 | 0.00 | | 1.404 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.21 | | | |
| | 1 003 | - 1 | 1422 | 124.2 | 16 55 | 0.00 | max | -0.000 | -0.06 | 0.40 | | 22027 |
| | 1.003 | 1 | 1422 | -134.3 -0.002 | 16.55 | 0.00 | | 2.806 | -0.09 -0.04 | -0.49 -0.27 | | 32837 |
| | | | | Material | 0.001 | 0.000 | min | | -0.09 | -0.27 | | 32837 |
| | | | | Macelitat | 1 | | min | | -0.09 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.49 | | | |
| | | | | bewein ung | 2 | | max | -0.001 | -0.49 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 7.30 | 0.00 | | 4.583 | -0.27 | -0.32 | | 32837 |
| | 1.005 | | 1723 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.23 | | 32037 |
| | | | | 110001101 | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | | _ | | max | | -0.23 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 20.77 | 0.00 | | 1.404 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 20.77 | 0.00 | | 1.404 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.38 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 7.30 | 0.00 | | 4.583 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | _ | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| 4000 | 0.000 | | 1.434 | 45.0 | 44 54 | 0.00 | max | -0.001 | -0.23 | 0.00 | | 22027 |
| 1009 | 0.000 | 1 | 1421 | -46.8 | 11.51 | 0.00 | | 1.404 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | Powoknuna | 2 | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.21 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |

Model

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|----------|---------|-----|-------|--------------|--------|--------|------------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1009 | 0.000 | 1 | 1422 | -134.3 | 16.55 | 0.00 | | 2.806 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | | -0.09 | | | |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.49 | | | |
| | 0.000 | | 1425 | 06.0 | 7 20 | 0.00 | max | | -0.27 | 0.22 | | 22027 |
| | 0.000 | 1 | 1425 | -96.8 | 7.30 | 0.00 | | 4.583 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 -0.04 | | | |
| | | | | Powohnung | 2 | | max min | | -0.32 | | | |
| | | | | Bewehrung | 2 | | max | | -0.32 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 20.77 | 0.00 | | 1.404 | -0.23 | -0.38 | | 32837 |
| | 0.000 | | 1420 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.01 | -0.10 | | 32837 |
| | | | | l'iacei Iai | _ | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.38 | | | |
| | | | | Deweill dilg | | | max | | -0.10 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 20.77 | 0.00 | 7 | 1.404 | -0.07 | -0.38 | | 32837 |
| | 0.000 | _ | 1,23 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | 3123 | | 32037 |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.38 | | | |
| | | | | | | | max | | -0.10 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 7.30 | 0.00 | | 4.583 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| 1009 | 1.003 | 1 | 1421 | -46.8 | 10.95 | 0.00 | | 1.476 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.21 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 15.72 | 0.00 | | 2.954 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | | min | | -0.09 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.49 | | | |
| | | | | | | | max | | -0.28 | | | |
| | 1.003 | 1 | 1425 | | 6.92 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 1 000 | | 1 100 | 0.5 | 40 == | 0.00 | | -0.001 | -0.23 | 0.55 | | 3222 |
| | 1.003 | 1 | 1426 | -84.3 | 19.76 | 0.00 | | 1.476 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | Poulobring | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |

Model

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|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 19.76 | 0.00 | | 1.476 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 6.92 | 0.00 | | 4.834 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| 1010 | 0.000 | 1 | 1421 | -46.8 | 10.95 | 0.00 | | 1.476 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.21 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 15.72 | 0.00 | -,- | 2.954 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.49 | | | |
| | | | | | | | max | -0.001 | -0.28 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 6.92 | 0.00 | | 4.834 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 19.76 | 0.00 | | 1.476 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 19.76 | 0.00 | | 1.476 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 6.92 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | | | | max | | -0.23 | | | |
| | | | | | | | | | | | | |

Model

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|----------|---------|-----|------|----------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1010 | 1.003 | 1 | 1421 | -46.8 | 10.39 | 0.00 | | 1.556 | -0.04 | -0.20 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | - | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | lucci zuz | _ | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.20 | | | |
| | | | | Dewein ding | _ | | max | | -0.06 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 14.89 | 0.00 | | 3.118 | -0.09 | -0.48 | | 32837 |
| | 1.003 | | 1422 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.48 | | 32837 |
| | | | | | 1 | 0.000 | min | | -0.09 | -0.20 | | 32037 |
| | | | | Material | 1 | | min | ł | | | | |
| | | | | D | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | 4 000 | | 4405 | 25.0 | | 2 22 | max | | -0.28 | | | 2002 |
| | 1.003 | 1 | 1425 | -96.8 | 6.54 | 0.00 | | 5.114 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 18.75 | 0.00 | 7 | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.36 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 18.75 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.36 | | | |
| | | | | | | | max | | -0.11 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 6.54 | 0.00 | | 5.114 | -0.06 | -0.32 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.23 | | 32037 |
| | | | | , idee: Idi | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | Deweill dilg | 2 | | | | -0.23 | | | |
| 1011 | 0.000 | 1 | 1421 | -46.8 | 10.39 | 0.00 | max | 1.556 | -0.23 | -0.20 | | 32837 |
| 1011 | 0.000 | | 1471 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.26 | | 32837 |
| | | | | | 0.000 | 0.000 | min | | | -0.00 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | Doy to be well | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.20 | | | |
| | 0.000 | 4 | 1400 | 434.5 | 44.00 | 0.00 | max | | -0.06 | 0.40 | | 22027 |
| | 0.000 | 1 | 1422 | | 14.89 | 0.00 | | 3.118 | -0.09 | -0.48 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.09 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | | | | | | | | -0.001 | -0.28 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 6.54 | 0.00 | | 5.114 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | | | | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 18.75 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.36 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 18.75 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.36 | | | |
| | | | | | | | max | | -0.11 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 6.54 | 0.00 | | 5.114 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | Jenem ung | _ | | max | | -0.23 | | | |
| 1011 | 1.003 | 1 | 1421 | -46.8 | 9.83 | 0.00 | | | -0.04 | -0.20 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.04 | | | 32037 |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.20 | | | |
| | | | | Jenem ung | _ | | max | | -0.07 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 14.06 | 0.00 | | 3.302 | -0.09 | -0.48 | | 32837 |
| | | _ | | -0.002 | 0.001 | 0.000 | • | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.09 | 312 | | 32037 |
| | | | | | _ | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.29 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 6.16 | 0.00 | | 5.428 | -0.06 | -0.32 | | 32837 |
| | 1.003 | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.002 | -0.06 | | | 32037 |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | zenem ung | | | | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 17.73 | 0.00 | | 1.644 | -0.07 | -0.36 | | 32837 |
| | | _ | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.002 | -0.07 | | | 5203, |
| | | | | | | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | | | | zenem ung | | | | -0.001 | -0.12 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 17.73 | 0.00 | | | -0.07 | -0.36 | | 32837 |
| | | * | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 5.000 | min | -0.002 | -0.07 | , 12 | | 32037 |
| | | | | | - | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.36 | | | |
| | | | | Jenem ung | | | max | | -0.12 | | | |
| | | | | | | | IIIaX | .0.001 | -0.12 | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|---------------|--------|--------|---------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1011 | 1.003 | 1 | 1430 | -96.8 | 6.16 | 0.00 | | 5.428 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | Series in any | _ | | max | -0.001 | -0.23 | | | |
| 1012 | 0.000 | 1 | 1421 | -46.8 | 9.83 | 0.00 | | 1.644 | -0.04 | -0.20 | | 32837 |
| | 0.000 | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | 32037 |
| | | | | 110001101 | - | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.20 | | | |
| | | | | Dewein ung | _ | | | -0.000 | -0.07 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 14.06 | 0.00 | | 3.302 | -0.09 | -0.48 | | 32837 |
| | 3.000 | _ | 1-722 | -0.002 | 0.001 | 0.000 | • | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.09 | 0.23 | | 32037 |
| | | | | riacei Tai | _ | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.48 | | | |
| | | | | bewein ung | ۷ | | | -0.001 | -0.29 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 6.16 | 0.00 | | 5.428 | -0.25 | -0.32 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | riacei Tai | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.32 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 17.73 | 0.00 | | 1.644 | -0.23 | -0.36 | | 32837 |
| | 0.000 | | 1420 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.12 | | 32037 |
| | | | | Idectiful | | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | | | | Deweill dilg | ۷ | | | -0.001 | -0.12 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 17.73 | 0.00 | | 1.644 | -0.12 | -0.36 | | 32837 |
| | 0.000 | | 1723 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.12 | | 32037 |
| | | | | Ideel Idi | - | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | | | | zenem ung | | | | -0.001 | -0.12 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 6.16 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | 3.300 | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.23 | | 32037 |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | Dewein ung | | | | -0.001 | -0.23 | | | |
| 1012 | 1.003 | 1 | 1421 | -46.8 | 9.27 | 0.00 | | 1.744 | -0.04 | -0.19 | | 32837 |
| 1012 | | - | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | , | | 5253, |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | _ chem ung | | | | -0.000 | -0.07 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 13.24 | 0.00 | | 3.509 | -0.08 | -0.47 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | • | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.002 | -0.08 | | | 3203, |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.47 | | | |
| | | | | Jenem ung | | | III III | 3.002 | 0.77 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------------|--------|--------|-------|--------|----------------|----------------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.29 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 5.78 | 0.00 | | 5.783 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 16.72 | 0.00 | | 1.744 | -0.07 | -0.35 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.35 | | | |
| | | | | | | | max | | -0.13 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 16.72 | 0.00 | | 1.744 | -0.07 | -0.35 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | liace. Iai | - | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.35 | | | |
| | | | | Dewein ding | _ | | max | | -0.13 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 5.78 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | 1.005 | | 1450 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | 0.24 | | 32037 |
| | | | | Idectiful | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | Dewein ding | 2 | | max | | -0.24 | | | |
| 1013 | 0.000 | 1 | 1421 | -46.8 | 9.27 | 0.00 | | 1.744 | -0.24 | -0.19 | | 32837 |
| 1013 | 0.000 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | -0.07 | | 32837 |
| | | | | riacei Tai | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | bewein ung | 2 | | | -0.000 | -0.15 | | | |
| | 0 000 | 1 | 1422 | 124.2 | 12 24 | 0.00 | | | | 0.47 | | 22027 |
| | 0.000 | T | 1422 | -134.3 -0.002 | 13.24 | 0.00 | | 3.509 | -0.08 -0.05 | -0.47 -0.29 | | 32837 32837 |
| | | | | | | 0.000 | min | -0.002 | -0.08 | -0.29 | | 32037 |
| | | | | Material | 1 | | | | | | | |
| | | | | Powohnuna | 2 | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.47 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 5.78 | 0.00 | | -0.001 | -0.29 | 0.21 | | 22027 |
| | 0.000 | 1 | 1425 | | | 0.00 | | 5.783 | -0.06 -0.04 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.002 | | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Doughass | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 0.000 | 1 | 1420 | 04.3 | 16 73 | 0.00 | | -0.001 | -0.24 | 0.25 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 | 16.72 | 0.00 | | | -0.07 | -0.35 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | 2 | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | Day to love | | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.35 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|------|--------------|--------|--------|------------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [o/oo] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1013 | 0.000 | 1 | 1429 | -84.3 | 16.72 | 0.00 | | 1.744 | -0.07 | -0.35 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.35 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 5.78 | 0.00 | | 5.783 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | 1 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1013 | 1.003 | 1 | 1421 | -46.8 | 8.71 | 0.00 | | 1.856 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | | | | max | | -0.07 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 12.41 | 0.00 | 7 | 3.743 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.46 | | | |
| | | _ | | | | | max | -0.001 | -0.30 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 5.41 | 0.00 | | 6.189 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | D b | 2 | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | 1 003 | 1 | 1426 | 04.2 | 15 71 | 0.00 | max | | -0.24 | 0.24 | | 22027 |
| | 1.003 | 1 | 1426 | -84.3 | | | | 1.856 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | min | -0.002 -0.002 | -0.02 -0.06 | -0.13 | | 32837 |
| | | | | Material | 1 | | | 1 | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 15.71 | 0.00 | max | -0.001 1.856 | -0.13 -0.06 | -0.34 | | 32837 |
| | 1.003 | T | 1429 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.34 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.02 | -0.13 | | 32837 |
| | | | | mater 1a1 | 1 | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.02 | | | |
| | | | | bewein ung | 2 | | | | -0.13 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 5.41 | 0.00 | max | 6.189 | -0.13 | -0.31 | | 32837 |
| | 1.003 | + | T426 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.04 | 5.24 | | 52057 |
| | | | | . id cci iai | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | Dewelli ulig | 2 | | max | | -0.24 | | | |
| 1014 | 0.000 | 1 | 1421 | -46.8 | 8.71 | 0.00 | | 1.856 | -0.24 | -0.19 | | 32837 |
| 1017 | 3.000 | | -721 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.01 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 3.07 | | 32037 |
| | | | | . acci Iai | - | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | Demenii ung | 2 | | 11111 | 0.001 | 0.10 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.07 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 12.41 | 0.00 | | 3.743 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.46 | | | |
| | | | | | | | max | -0.001 | -0.30 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 5.41 | 0.00 | | 6.189 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 15.71 | 0.00 | | 1.856 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 15.71 | 0.00 | | 1.856 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 5.41 | 0.00 | | 6.189 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1014 | 1.003 | 1 | 1421 | -46.8 | 8.15 | 0.00 | | 1.984 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 11.58 | 0.00 | | 4.012 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 5.03 | 0.00 | | 6.655 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | 3 | | | | -0.001 | -0.24 | | | |
| | | | | | | | ax | | J r | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|----------------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1014 | 1.003 | 1 | 1426 | -84.3 | 14.70 | 0.00 | | 1.984 | -0.06 | -0.34 | K-7[] | 32837 |
| 1014 | 1.003 | | 1420 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | | | 0.000 | | | | -0.14 | | 32637 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 14.70 | 0.00 | | 1.984 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 5.03 | 0.00 | | 6.655 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1015 | 0.000 | 1 | 1421 | -46.8 | 8.15 | 0.00 | 7 | 1.984 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | Jenem ung | _ | | max | -0.000 | -0.08 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 11.58 | 0.00 | | 4.012 | -0.08 | -0.46 | | 32837 |
| | 0.000 | _ | 1722 | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.50 | | 32037 |
| | | | | liacci Iai | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | | | | bewein ung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 5.03 | 0.00 | | 6.655 | -0.05 | -0.31 | | 32837 |
| | 0.000 | 1 | 1423 | - | | | | | | | | |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 -0.05 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | | | | |
| | | | | | • | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 0.000 | | 1420 | 04.5 | 44 70 | 0.00 | | -0.001 | -0.24 | 0.31 | | 32037 |
| | 0.000 | 1 | 1426 | -84.3 | 14.70 | 0.00 | | 1.984 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 0.000 | 1 | 1429 | | 14.70 | 0.00 | | 1.984 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 5.03 | 0.00 | | 6.655 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | | | | | | |

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Mode1

| Dehnungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|-------|-----------------|----------|--------|----------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ig | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1015 | 1.003 | 1 | 1421 | -46.8 | 7.59 | 0.00 | | 2.130 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | 1 003 | 1 | 1422 | 124.2 | 10.75 | 0.00 | max | | -0.08 | 0.45 | | 22027 |
| | 1.003 | 1 | 1422 | -134.3 | 10.75 | 0.00 | | | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max • | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.45 | | | |
| | 4 000 | | 4.425 | 05.0 | 4.60 | 0.00 | max | | -0.31 | 0.24 | | 22027 |
| | 1.003 | 1 | 1425 | -96.8 -0.001 | 4.68 | 0.00 | | 7.153 | -0.05 | -0.31 | | 32837 |
| | | | | | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Day tak muma | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 13.69 | 0.00 | max | | -0.24 -0.06 | -0.33 | | 22027 |
| | 1.003 | 1 | 1426 | -0.001 | 0.001 | 0.00 | | 2.130 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.02 | -0.13 | | 32837 |
| | | | | Material | ± | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | bewein ung | 2 | | | | -0.15 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 13.69 | 0.00 | max | 2.130 | -0.15 | -0.33 | | 32837 |
| | 1.005 | | 1423 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | 0.15 | | 32037 |
| | | | | lucci Iui | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | Dewein ung | - | | max | | -0.15 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 4.68 | 0.00 | | | -0.05 | -0.31 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | max | | -0.24 | | | |
| 1016 | 0.000 | 1 | 1421 | -46.8 | 7.59 | 0.00 | | 2.130 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | 1 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 10.75 | 0.00 | | | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.45 | | | |
| | | | | | | | max | -0.002 | -0.31 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|----------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1016 | 0.000 | 1 | 1425 | -96.8 | 4.68 | 0.00 | | 7.153 | -0.05 | -0.31 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | Dewein ung | _ | | max | | -0.24 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 13.69 | 0.00 | | 2.130 | -0.06 | -0.33 | | 32837 |
| | 0.000 | | 1420 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.02 | -0.13 | | 32037 |
| | | | | Material | _ | | | ł | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | 4.00 | 24.2 | 42.40 | | max | | -0.15 | | | 2002 |
| | 0.000 | 1 | 1429 | -84.3 | 13.69 | 0.00 | | 2.130 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 4.68 | 0.00 | 7 | 7.153 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1016 | 1.003 | 1 | 1421 | -46.8 | 7.03 | 0.00 | | 2.300 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 9.92 | 0.00 | | 4.683 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | _ | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | | Dewein ung | _ | | max | | -0.32 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 4.30 | 0.00 | | 7.787 | -0.05 | -0.30 | | 32837 |
| | 1.003 | | ±743 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.23 | | 52037 |
| | | | | Hacer Tal | 4 | | | -0.001 | -0.03 | | | |
| | | | | Roughnung | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 -0.25 | | | |
| | 1 003 | 1 | 1426 | 04.3 | 12.60 | 0.00 | | -0.001 | | 0.33 | | 22027 |
| | 1.003 | 1 | 1426 | | 12.68 | 0.00 | | 2.300 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max • | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | _ | | | | -0.001 | -0.15 | _ | | _ |
| | 1.003 | 1 | 1429 | -84.3 | 12.68 | 0.00 | | 2.300 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |

Model

| Stab X[m] QNr LF N1 Py1 Ry2 Py2 Ry4 | Dehnungs | zustand | | | | | | | | | | | |
|---|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Color [1/km] [1/km] [-1] [0/on] [Ma] | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| Sezeichnumg | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| 1.003 | | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| 1.003 | | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | | max | -0.001 | -0.15 | | | |
| Material 1 | | 1.003 | 1 | 1430 | -96.8 | 4.30 | 0.00 | | 7.787 | -0.05 | -0.30 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| 1017 0.000 1 1421 -46.8 7.03 0.00 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.01 0.01 0.000 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1017 0.000 1 1421 | | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | | max | -0.001 | -0.25 | | | |
| Material | 1017 | 0.000 | 1 | 1421 | -46.8 | 7.03 | 0.00 | | 2.300 | -0.03 | -0.18 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | max | -0.000 | -0.01 | | | |
| 0.000 1 1422 -134.3 9.92 0.00 4.683 -0.08 -0.45 32837 | | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | | max | -0.000 | -0.09 | | | |
| Material 1 | | 0.000 | 1 | 1422 | -134.3 | 9.92 | 0.00 | | 4.683 | -0.08 | -0.45 | | 32837 |
| Bewehrung 2 | | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| Material 1 1429 | | | | | | | | max | -0.001 | -0.05 | | | |
| 0.000 | | | | | Bewehrung | 2 | | min | -0.002 | -0.45 | | | |
| -0.001 | | | | | | | | max | -0.002 | -0.32 | | | |
| Material 1 | | 0.000 | 1 | 1425 | -96.8 | 4.30 | 0.00 | ٠,٠ | 7.787 | -0.05 | -0.30 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| 0.000 | | | | | | | | max | -0.001 | -0.04 | | | |
| 0.000 | | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 | | 0.000 | 1 | 1426 | -84.3 | 12.68 | 0.00 | | 2.300 | -0.06 | -0.32 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| Material Material | | | | | | | | max | -0.001 | -0.02 | | | |
| 0.000 | | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| -0.001 0.001 0.000 -0.002 -0.02 -0.15 32837 Material 1 | | | | | | | | max | -0.001 | -0.15 | | | |
| Material 1 | | 0.000 | 1 | 1429 | -84.3 | 12.68 | | | | | -0.32 | | |
| Bewehrung 2 | | | | | | 0.001 | 0.000 | | | | -0.15 | | 32837 |
| Bewehrung 2 min -0.002 -0.32 max -0.001 -0.15 | | | | | Material | 1 | | | | | | | |
| Max -0.001 -0.15 | | | | | | | | | | | | | |
| 0.000 | | | | | Bewehrung | 2 | | min | | | | | |
| 1017 1.003 1 1421 1 1 1 1 1 1 1 1 1 | | | | | | | | max | | | | | |
| Material 1 min -0.002 -0.05 max -0.001 -0.04 min -0.002 -0.30 max -0.001 -0.25 1017 1.003 1 1421 | | 0.000 | 1 | 1430 | | | | | | | | | |
| Bewehrung 2 | | | | | | 0.000 | 0.000 | | | | -0.25 | | 32837 |
| Bewehrung 2 min -0.002 -0.30 max -0.001 -0.25 | | | | | Material | 1 | | min | | | | | |
| 1017 1.003 1 1421 -46.8 6.47 0.00 2.500 -0.03 -0.18 32837 -0.001 0.000 min -0.001 -0.01 -0.09 32837 Material 1 max -0.000 -0.01 min -0.001 -0.03 max -0.000 -0.01 min -0.001 -0.18 n -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.18 min -0.001 -0.01 min -0.001 min -0.001 min -0.001 | | | | | | | | max | -0.001 | | | | |
| 1017 1.003 1 1421 -46.8 6.47 0.00 2.500 -0.03 -0.18 32837 -0.001 0.000 0.000 min -0.001 -0.09 32837 Material 1 min -0.001 -0.03 max -0.000 -0.01 Bewehrung 2 min -0.001 -0.18 | | | | | Bewehrung | 2 | | min | | | | | |
| -0.001 0.000 0.000 -0.001 -0.09 32837 | | | | | | | | max | | | | | |
| Material 1 min -0.001 -0.03 max -0.000 -0.01 Bewehrung 2 min -0.001 -0.18 | 1017 | 1.003 | 1 | 1421 | | | 0.00 | | 2.500 | | -0.18 | | 32837 |
| max -0.000 -0.01 max -0.000 -0.18 max -0.001 max | | | | | | 0.000 | 0.000 | | | | -0.09 | | 32837 |
| | | | | | Material | 1 | | | | | | | |
| | | | | | | | | max | | -0.01 | | | |
| max -0.000 -0.09 | | | | | Bewehrung | 2 | | min | | | | | |
| | | | | | | | | max | -0.000 | -0.09 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1017 | 1.003 | 1 | 1422 | -134.3 | 9.09 | 0.00 | | 5.110 | -0.08 | -0.44 | K+[-] | 32837 |
| 1017 | 1.003 | | 1422 | | | | | | | | | |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | | | | max | -0.002 | -0.32 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 3.91 | 0.00 | | 8.546 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 11.67 | 0.00 | | 2.499 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | Dewein ung | _ | | | -0.001 | -0.16 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 11.67 | 0.00 | 7 | 2.499 | -0.06 | -0.32 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.000 | 0.000 | 7 | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | | | 0.000 | | | | -0.10 | | 32037 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.16 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 3.91 | 0.00 | | 8.546 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| 1018 | 0.000 | 1 | 1421 | -46.8 | | 0.00 | | 2.500 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 9.09 | 0.00 | | 5.110 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | | _ | | | -0.002 | -0.32 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 3.91 | 0.00 | | 8.546 | -0.05 | -0.30 | | 32837 |
| | 3.000 | - | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.25 | | 32037 |
| | | | | HUCCI IAI | 4 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | Beweill-ulig | 2 | | | | -0.25 | | | |
| | 0.000 | | 1400 | 04.5 | 44.6- | 0.00 | | -0.001 | | 0.30 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 | 11.67 | 0.00 | | 2.499 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.16 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 11.67 | 0.00 | | 2.499 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | | _ | | max | | -0.16 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 3.91 | 0.00 | | 8.546 | -0.05 | -0.30 | | 32837 |
| | 0.000 | | 1450 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.23 | | 32037 |
| | | | | riacei Iai | 1 | | max | | -0.04 | | | |
| | | | | Paulahauna | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| 1010 | 1 003 | | 1 1 2 1 | 46.0 | F 01 | 0.00 | max | | -0.25 | 0.17 | | 22027 |
| 1018 | 1.003 | 1 | 1421 | -46.8 | 5.91 | 0.00 | | 2.737 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.17 | | | |
| | | | | | | | max | | -0.09 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 8.26 | 0.00 | ` | | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 3.53 | 0.00 | | 9.467 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 10.66 | 0.00 | | 2.737 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | 8 | | | max | | -0.17 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 10.66 | 0.00 | | 2.737 | -0.06 | -0.31 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | / | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | Jenein dig | | | max | | -0.17 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 3.53 | 0.00 | | 9.467 | -0.05 | -0.30 | | 32837 |
| | 1.003 | + | T+26 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.23 | | 32037 |
| | | | | Macel Tal | 1 | | | | | | | |
| | | | | Powohnuna | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|--------------|--------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1019 | 0.000 | 1 | 1421 | -46.8 | 5.91 | 0.00 | | 2.737 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 8.26 | 0.00 | | 5.623 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | 1 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 3.53 | 0.00 | | 9.467 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.25 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 10.66 | 0.00 | 7 | 2.737 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | 0.000 | | 4400 | 04.3 | 10.55 | 2.00 | max | -0.001 | -0.17 | 0.24 | | 22027 |
| | 0.000 | 1 | 1429 | -84.3 | 10.66 | 0.00 | | 2.737 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 -0.001 | -0.06 -0.03 | | | |
| | | | | Paulahnung | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 -0.17 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 3.53 | 0.00 | max | -0.001 9.467 | -0.05 | -0.30 | | 32837 |
| | 0.000 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.23 | | 32637 |
| | | | | Macel Iai | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | Dewelli ulig | 2 | | max | | -0.25 | | | |
| 1019 | 1.003 | 1 | 1421 | -46.8 | 5.35 | 0.00 | | 3.024 | -0.03 | -0.17 | | 32837 |
| 1017 | 1.005 | _ | <u>-</u> 721 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.03 | 5.15 | | 32037 |
| | | | | | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.17 | | | |
| | | | | bewern ding | _ | | max | | -0.10 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 7.43 | 0.00 | | 6.251 | -0.08 | -0.43 | | 32837 |
| | | 7 | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | | _ | | max | | -0.33 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 3.15 | 0.00 | | 10.612 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|---------------|--------|------------|--------|----------------|----------------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 9.64 | 0.00 | | 3.023 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 9.64 | 0.00 | | 3.023 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | _ | | max | | -0.18 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 3.15 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | 3123 | | 32037 |
| | | | | liace. Iai | - | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | Deweill dilg | 2 | | max | | -0.25 | | | |
| 1020 | 0.000 | 1 | 1421 | -46.8 | 5.35 | 0.00 | | | -0.03 | -0.17 | | 32837 |
| 1020 | 0.000 | | 1721 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.03 | 0.10 | | 32037 |
| | | | | riacei iai | _ | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.17 | | | |
| | | | | Deweill dilg | ۷ | | max | | -0.10 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 7.43 | 0.00 | | 6.251 | -0.08 | -0.43 | | 32837 |
| | 0.000 | | 1422 | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.33 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | -0.55 | | 32837 |
| | | | | riacei iai | 1 | | | | -0.06 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.43 | | | |
| | | | | beweinfung | 2 | | | -0.002 | -0.43 | | | |
| | 0 000 | 1 | 1425 | 06.8 | 2 15 | 0.00 | | | | 0.20 | | 22027 |
| | 0.000 | T | 1425 | -96.8 -0.001 | 3.15 0.000 | 0.00 | | 10.612 | -0.05 -0.04 | -0.30 -0.25 | | 32837 32837 |
| | | | | Material | | 0.000 | min | -0.002 | -0.05 | -0.23 | | 32037 |
| | | | | macel 1d1 | 1 | | | -0.002 | -0.05 | | | |
| | | | | Roughnung | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | 0.000 | 1 | 1420 | 04.2 | 0.64 | 0.00 | | -0.001 | -0.25 | 0.20 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 | 9.64 | 0.00 | | 3.023 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Doughas | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 1 | 1420 | 04.3 | 0.64 | 0.00 | | -0.001 | -0.18 | 0.30 | | 22027 |
| | 0.000 | 1 | 1429 | -84.3 | 9.64 | 0.00 | | | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Day reless | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |

Model

| Deliliuliga | zustand | | | | | | | | | | | |
|-------------|---------|-----|---------|--------------|--------|--------|--------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | E-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1020 | 0.000 | 1 | 1430 | -96.8 | 3.15 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| 1020 | 0.000 | _ | 1130 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.23 | | 32037 |
| | | | | Idect Idi | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | bewein ding | 2 | | max | | -0.25 | | | |
| 1020 | 1.003 | 1 | 1421 | -46.8 | 4.82 | 0.00 | | 3.356 | -0.23 | -0.16 | | 32837 |
| 1020 | 1.003 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | | | 0.000 | | | | -0.10 | | 32637 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | 4 000 | | 4 4 0 0 | 124.2 | | | max | | -0.10 | 0.40 | | 20027 |
| | 1.003 | 1 | 1422 | -134.3 | 6.60 | 0.00 | | 7.036 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 2.77 | 0.00 | 7 | 12.072 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 8.63 | 0.00 | | 3.378 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 8.63 | 0.00 | | 3.378 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Jenem ung | | | max | | -0.18 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 2.77 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 1.003 | | >U | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52637 |
| | | | | , lacci rar | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | peweili ulig | 2 | | | -0.001 | -0.29 | | | |
| 1021 | 0.000 | 1 | 1421 | -46.8 | 4.82 | 0.00 | | | -0.26 | 0.10 | | 32837 |
| 1021 | 0.000 | 1 | 1421 | | | 0.00 | | 3.356 | | -0.16 | | |
| | | | | -0.001 | 0.000 | 0.000 | . ف. ب | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | David I | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | 4 | | | | | -0.001 | -0.10 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 6.60 | 0.00 | | 7.036 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ig | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 0.000 | 1 | 1425 | | 2.77 | 0.00 | | 12.072 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | D b | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 0.000 | 1 | 1426 | 94.3 | 9 62 | 0.00 | | -0.001 | -0.26 | 0.20 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 | 8.63 | 0.00 | | 3.378 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 Material | 0.000 | 0.000 | | -0.002 -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Macelitat | 1 | | | -0.002 | -0.05 -0.03 | | | |
| | | | | Powohnung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.18 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 8.63 | 0.00 | | 3.378 | -0.18 | -0.30 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.10 | | 32037 |
| | | | | riacei Tai | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Dewein ung | _ | | | -0.001 | -0.18 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 2.77 | 0.00 | | 12.072 | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| 1021 | 1.003 | 1 | 1421 | -46.8 | 4.25 | 0.00 | | 3.802 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 5.77 | 0.00 | | 8.047 | -0.07 | -0.42 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.42 | | | |
| | | | | | | | | -0.002 | -0.34 | | | |
| | 1.003 | 1 | 1425 | | 2.39 | 0.00 | | 13.997 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | Poulobring | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 7.62 | 0.00 | | -0.001 3.826 | -0.26 | -0.29 | | 32837 |
| | 1.003 | 1 | 1420 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.05 -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.19 | | 32037 |
| | | | | nacci Iai | 1 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.19 | | | |
| | | | | | | | illax | -0.001 | -0.19 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1021 | 1.003 | 1 | 1429 | -84.3 | 7.62 | 0.00 | | 3.826 | -0.05 | -0.29 | | 32837 |
| _, | | _ | | -0.001 | 0.000 | 0.000 | - | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | _ | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Dewein ding | _ | | max | | -0.19 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 2.39 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 1.005 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32037 |
| | | | | Material | _ | | | ł | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| 4000 | 0.000 | | 4.424 | 45.0 | 4 25 | 0.00 | max | | -0.26 | 0.46 | | 22027 |
| 1022 | 0.000 | 1 | 1421 | -46.8 | 4.25 | 0.00 | | 3.802 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 5.77 | 0.00 | 7 | 8.047 | -0.07 | -0.42 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 2.39 | 0.00 | | 13.997 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 7.62 | 0.00 | | 3.826 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | | -0.19 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 7.62 | 0.00 | | 3.826 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | - | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.19 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 2.39 | 0.00 | | 13.997 | -0.05 | -0.29 | | 32837 |
| | 5.000 | - | 1436 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52057 |
| | | | | TIGUET TAT | 4 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | peweili ulig | 2 | | | | | | | |
| 1022 | 1 002 | 1 | 1424 | 46.0 | 3 60 | 0.00 | | -0.001 | -0.26 | 0.10 | | 22027 |
| 1022 | 1.003 | 1 | 1421 | -46.8 | 3.69 | 0.00 | | | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|----------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 4.94 | 0.00 | | 9.398 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | max | | -0.35 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 2.01 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | 0.10 | | 32037 |
| | | | | nacci zaz | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | Dewein ung | _ | | max | | -0.26 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 6.61 | 0.00 | | 4.411 | -0.05 | -0.28 | | 32837 |
| | 1.005 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.05 | -0.20 | | 32837 |
| | | | | riacei iai | 1 | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | beweinfung | 2 | | | | -0.20 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 6.61 | 0.00 | max | | -0.25 | -0.28 | | 32837 |
| | 1.005 | 1 | 1429 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | | 0.000 | min | | -0.05 | -0.20 | | 32037 |
| | | | | Material | 1 | | | | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | 1 | -0.28 | | | |
| | 1 002 | 1 | 1420 | 06.0 | 2 01 | 0.00 | max | | -0.20 | 0.20 | | 22027 |
| | 1.003 | 1 | 1430 | -96.8 | 2.01 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | 2 | | max • | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| 4000 | 0.000 | 4 | 4424 | 16.0 | 2.50 | 0.00 | | -0.001 | -0.26 | 0.46 | | 22027 |
| 1023 | 0.000 | 1 | 1421 | -46.8 | 3.69 | 0.00 | | 4.383 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | D 1 | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.16 | | | |
| | 0.005 | | 4.405 | | | 2.25 | | -0.001 | -0.11 | 0.15 | | 2222 |
| | 0.000 | 1 | 1422 | | 4.94 | 0.00 | | | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | _ | _ | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | 4.5- | | | | | -0.002 | -0.35 | 0.55 | | |
| | 0.000 | 1 | 1425 | -96.8 | 2.01 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | _ | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ъ | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1023 | 0.000 | 1 | 1426 | -84.3 | 6.61 | 0.00 | | 4.411 | -0.05 | -0.28 | K-T[] | 32837 |
| 1023 | 0.000 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | | | 0.000 | | | | -0.20 | | 32637 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 6.61 | 0.00 | | 4.411 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 2.01 | 0.00 | | 16.654 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | _ | | | -0.001 | -0.26 | | | |
| 1023 | 1.003 | 1 | 1421 | -46.8 | 3.12 | 0.00 | 7 | 5.175 | -0.03 | -0.15 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.11 | | 32037 |
| | | | | riacei Tai | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.15 | | | |
| | | | | bewein ung | 2 | | | | | | | |
| | 1 002 | 1 | 1422 | 124.2 | 4 14 | 0.00 | _ | -0.001 | -0.11 | 0 41 | | 22027 |
| | 1.003 | 1 | 1422 | -134.3 | 4.14 | 0.00 | | 11.224 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | | -0.002 | -0.35 | | | |
| | 1.003 | 1 | 1425 | -96.8 | | 0.00 | | 20.553 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 5.60 | 0.00 | | 5.208 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 5.60 | 0.00 | | 5.208 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | _ | | | -0.001 | -0.20 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 1.63 | 0.00 | | 20.553 | -0.05 | -0.29 | | 32837 |
| | 1.005 | | -750 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52057 |
| | | | | lacel 1d1 | 1 | | | i | | | | |
| | | | | Dough with | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | mın | -0.001 | -0.29 | | | |

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|------|-----------------|--------|--------|-------|------------------|----------------|----------------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.26 | | | |
| 1024 | 0.000 | 1 | 1421 | -46.8 | 3.12 | 0.00 | | 5.175 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 4.14 | 0.00 | | | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | | | | max | | -0.35 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 1.63 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 5.60 | 0.00 | | 5.208 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | 2 | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | 0.000 | | 4400 | 04.3 | F 60 | 0.00 | max | | -0.20 | 0.00 | | 22027 |
| | 0.000 | 1 | 1429 | -84.3 | 5.60 | 0.00 | | 5.208 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | min | -0.001 -0.001 | -0.03 -0.05 | -0.20 | | 32837 |
| | | | | Macerial | 1 | | min | | | | | |
| | | | | Dayrahayaa | 2 | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 -0.001 | -0.28 -0.20 | | | |
| | 0 000 | 1 | 1420 | 06.0 | 1.63 | 0.00 | | | | 0.20 | | 22027 |
| | 0.000 | 1 | 1430 | -96.8 -0.001 | 0.000 | 0.00 | | 20.553 | -0.05 -0.04 | -0.29 -0.26 | | 32837 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32037 |
| | | | | Material | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | bewein ung | 2 | | max | -0.001 | -0.25 | | | |
| 1024 | 1.003 | 1 | 1421 | -46.8 | 2.56 | 0.00 | | 6.316 | -0.03 | -0.15 | | 32837 |
| 1024 | 1.005 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.03 | 0.12 | | 32037 |
| | | | | riacci tat | Т | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | Dewelli ulig | 2 | | max | | -0.13 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 3.30 | 0.00 | | | -0.12 | -0.40 | | 32837 |
| | 1.002 | + | -722 | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.50 | | 32037 |
| | | | | . acci Iai | 1 | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | Dewelli ulig | 2 | | max | | -0.46 | | | |
| | | | | | | | IIIax | 0.002 | 0.50 | | | |

Model Bemessung Stäbe im Gebrauchszustand

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1024 | 1.003 | 1 | 1425 | -96.8 | 1.25 | 0.00 | | 26.840 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 4.62 | 0.00 | | 6.316 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | Powohnung | 2 | | | -0.001 | -0.03 -0.27 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 4.62 | 0.00 | | -0.001 6.316 | -0.21 | -0.27 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.21 | | 32637 |
| | | | | riacei iai | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | bewern ung | _ | | | -0.001 | -0.21 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 1.25 | 0.00 | | 26.840 | -0.05 | -0.28 | | 32837 |
| | 1.005 | - | 1.50 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.2. | | 32037 |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| 1025 | 0.000 | 1 | 1421 | -46.8 | 2.56 | 0.00 | | 6.316 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 3.30 | 0.00 | | 14.060 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | | -0.002 | -0.36 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 1.25 | 0.00 | | 26.840 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | 0.000 | 1 | 1426 | 04.2 | 4 62 | 0.00 | | -0.001 | -0.27 | 0.27 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 -0.001 | 4.62 | 0.00 | | 6.316 | -0.05 -0.03 | -0.27 | | 32837 |
| | | | | Material | 0.000 | 0.000 | min | -0.001 -0.001 | -0.05 | -0.21 | | 32837 |
| | | | | Hacel Tal | 1 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | Dewelli ulig | 2 | | | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 4.62 | 0.00 | | 6.316 | -0.05 | -0.27 | | 32837 |
| | 3.305 | | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | • | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | Jenem ung | 2 | | | 0.001 | J. 2, | | | |

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| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|------|-------------|--------|--------|----------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [o/oo] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 1.25 | 0.00 | | 26.840 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | | | | max | _ | -0.27 | | | |
| 1025 | 1.003 | 1 | 1421 | -46.8 | 2.00 | 0.00 | | 8.101 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | _ | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 2.47 | 0.00 | | | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | 2 | | max • | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | 1 003 | - 1 | 1425 | 06.0 | 0.07 | 0.00 | max | | -0.36 | 0.20 | | 22027 |
| | 1.003 | 1 | 1425 | -96.8 | 0.87 | 0.00 | | 38.662 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | min | -0.001 -0.001 | -0.05 -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | | | | | |
| | | | | Powohnung | 2 | | max | | -0.05 -0.28 | | | |
| | | | | Bewehrung | 2 | | min | | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 3.60 | 0.00 | max | 8.101 | -0.27 | -0.26 | | 32837 |
| | 1.003 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.05 | -0.22 | | 32837 |
| | | | | Idectiful | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | Dewein ding | _ | | | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 3.60 | 0.00 | | 8.101 | -0.05 | -0.26 | | 32837 |
| | | - | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.001 | -0.05 | | | 02007 |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | | | | max | | -0.22 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 0.87 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| 1026 | 0.000 | 1 | 1421 | -46.8 | 2.00 | 0.00 | | 8.101 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | | | 7 | | | | | | | | | |

Model

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|----------|---------|-----|--------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'Б | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1026 | 0.000 | 1 | 1422 | -134.3 | 2.47 | | | | | -0.40 | K+[-] | |
| 1026 | 0.000 | | 1422 | | | 0.00 | | 18.813 | -0.07 | | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | | -0.002 | -0.36 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 0.87 | 0.00 | | 38.662 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 3.60 | 0.00 | | 8.101 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | Dewein ung | _ | | | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 3.60 | 0.00 | | 8.101 | -0.05 | -0.26 | | 32837 |
| | 0.000 | | 1429 | | | | 7 | -0.001 | | | | |
| | | | | -0.001 | 0.000 | 0.000 | • | | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 0.87 | 0.00 | | 38.662 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| 1026 | 1.003 | 1 | 1421 | -46.8 | 1.43 | 0.00 | | 11.295 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 1.63 | 0.00 | | 28.421 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | Dewein ding | _ | | | -0.002 | -0.37 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 0.48 | 0.00 | | 69.108 | -0.05 | -0.28 | | 32837 |
| | 1.003 | + | 1423 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | | 1 | 0.000 | min | -0.001 | -0.05 | -0.27 | | 32037 |
| | | | | Material | 1 | | | | | | | |
| | | | | Dough with | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | 4 305 | | 4 10 1 | | | | | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 2.58 | 0.00 | | 11.295 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |

Model

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|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1429 | -84.3 | 2.58 | 0.00 | | 11.295 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 0.48 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | | -0.27 | | | |
| 1027 | 0.000 | 1 | 1421 | -46.8 | 1.43 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.14 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 1.63 | 0.00 | Y | 28.421 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.37 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 0.48 | 0.00 | | 69.108 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 2.58 | 0.00 | | 11.295 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 2.58 | 0.00 | | 11.295 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 0.48 | 0.00 | | 69.108 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | | | | | | | | | | | | |

Model

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|----------|---------|-----|------|------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1027 | 1.003 | 1 | 1421 | -46.8 | 0.87 | 0.00 | | 18.646 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | | -0.001 | -0.13 | | | |
| | 1.003 | 1 | 1422 | -134.3 | 0.80 | 0.00 | | 58.092 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.38 | | | |
| | 1.003 | 1 | 1425 | -96.8 | 0.10 | 0.00 | | 325.34 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | 1.56 | 0.00 | 7 | 18.646 | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.25 | | | |
| | 4 000 | | 4400 | 24.3 | 4 56 | 2.00 | | -0.001 | -0.23 | 0.05 | | 22027 |
| | 1.003 | 1 | 1429 | -84.3 | 1.56 | 0.00 | | 18.646 | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.001 -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.25 | | | |
| | | | | beweinfung | 2 | | | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1430 | -96.8 | 0.10 | 0.00 | | 325.34 | -0.25 | -0.28 | | 32837 |
| | 1.005 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.27 | | 32037 |
| | | | | lucci Iui | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.27 | | | |
| 1028 | 0.000 | 1 | 1421 | -46.8 | 0.87 | 0.00 | | 18.646 | -0.02 | -0.14 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | - | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | | | | | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1422 | -134.3 | 0.80 | 0.00 | | 58.092 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.38 | | | |
| | 0.000 | 1 | 1425 | -96.8 | 0.10 | 0.00 | | 325.34 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------------|--------|--------|-------|------------------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 1.56 | 0.00 | | | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.25 | | | |
| | | | | | | | max | | -0.23 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 1.56 | 0.00 | | | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.25 | | | |
| | | | | bewein ung | - | | max | | -0.23 | | | |
| | 0.000 | 1 | 1430 | -96.8 | 0.10 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | 0.000 | | 1430 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.27 | | 32037 |
| | | | | Idectiful | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.27 | | | |
| 1028 | 1.003 | 1 | 1421 | -46.8 | 0.30 | 0.00 | | 53.386 | -0.02 | -0.13 | | 32837 |
| 1020 | 1.003 | 1 | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.02 | -0.13 | | 32037 |
| | | | | Material | | | | | | | | |
| | | | | Paulahnung | 2 | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.13 | | | |
| | 1 002 | 1 | 1422 | 124 2 | 0.02 | 0.00 | max | | -0.13 | 0.20 | | 22027 |
| | 1.003 | 1 | 1422 | -134.3 | -0.03 | | | -1328 | -0.07 | -0.38 | | 32837 |
| | | | | -0.002 Material | 0.000 | 0.000 | min | -0.002 -0.002 | -0.07 | -0.38 | | 32837 |
| | | | | Macerial | 1 | | | | -0.07 | | | |
| | | | | Dayraharra | 2 | | max | -0.002 | -0.07 | | | |
| | | | | Bewehrung | 2 | | min | | -0.38 | | | |
| | 1 002 | 1 | 1425 | -96.8 | 0.20 | 0.00 | | -0.002 | -0.38 | 0.20 | | 22027 |
| | 1.003 | 1 | 1425 | | -0.28 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | Dough :: | 2 | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | 1 003 | 1 | 1426 | 04.2 | 0.55 | 0.00 | | -0.001 | -0.27 | 0.24 | | 22027 |
| | 1.003 | 1 | 1426 | -84.3 | 0.55 | 0.00 | | 53.386 | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | Dough :: | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | 1 003 | 4 | 1420 | 04.3 | 0 55 | 0.00 | | -0.001 | -0.24 | 0.34 | | 22027 |
| | 1.003 | 1 | 1429 | -84.3 | 0.55 | 0.00 | | 53.386 | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | Day at less | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1028 | 1.003 | 1 | 1430 | -96.8 | -0.28 | 0.00 | | -120.2 | -0.05 | -0.28 | K-1] | 32837 |
| 1028 | 1.003 | | 1430 | -0.001 | 0.000 | 0.000 | -•- | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | | | | -0.001 | -0.05 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| 1000 | 0.000 | 4 | 4424 | 45.0 | 0.20 | 2 22 | | -0.001 | -0.27 | 0.42 | | 22027 |
| 1029 | 0.000 | 1 | 1421 | -46.8 | 0.30 | 0.00 | | 53.386 | -0.02 | -0.13 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.13 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -0.03 | 0.00 | | -1328 | -0.07 | -0.38 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.07 | -0.38 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.07 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.002 | -0.38 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -0.28 | 0.00 | 7 | -120.2 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | 0.55 | 0.00 | | 53.386 | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | | | | | _ | | | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1429 | -84.3 | 0.55 | 0.00 | | 53.386 | -0.04 | -0.24 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 0.2. | | 32037 |
| | | | | liace. Iai | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | | | | Dewein ding | | | | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1430 | -96.8 | -0.28 | 0.00 | | -120.2 | -0.05 | -0.28 | | 32837 |
| | 0.000 | | ±+3€ | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.27 | | 32037 |
| | | | | nacci Iai | 1 | | | -0.001 | -0.05 | | | |
| | | | | Paulahnung | 2 | | | | -0.28 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | | | | |
| 1020 | 1 002 | 1 | 1421 | 46.0 | 0.26 | 0.00 | | -0.001 | -0.27 | 0.12 | | 22027 |
| 1029 | 1.003 | 1 | 1421 | | -0.26 | 0.00 | | -61.84 | -0.02 | -0.13 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | ف. ب | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | D 1 | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.13 | | | |
| | 4 | | 4 4 2 2 | 45.5 | | | | -0.001 | -0.13 | | | 25.55 |
| | 1.003 | 1 | 1422 | -134.3 | -0.87 | 0.00 | | -53.41 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|----------------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.38 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -0.66 | 0.00 | | -50.72 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -0.47 | 0.00 | | | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.24 | | | |
| | | | | | | | max | | -0.24 | | | |
| | 1.003 | 1 | 1429 | -46.8 | -0.26 | 0.00 | | | -0.02 | -0.13 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | 5_55 |
| | | | | liace. Iai | - | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.13 | | | |
| | | | | Deweill dilg | 2 | | max | | -0.13 | | | |
| | 1.003 | 1 | 1430 | -134.3 | -0.87 | 0.00 | | -53.41 | -0.07 | -0.39 | | 32837 |
| | 1.003 | | 1450 | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.30 | | 32037 |
| | | | | lucci Iui | - | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | Dewein ung | _ | | max | | -0.38 | | | |
| 1030 | 0.000 | 1 | 1421 | -46.8 | -0.26 | 0.00 | | | -0.02 | -0.13 | | 32837 |
| 1050 | 0.000 | _ | 1721 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.02 | 0.15 | | 32037 |
| | | | | lucci Iui | - | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.13 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -0.87 | 0.00 | | | -0.13 | -0.39 | | 32837 |
| | 0.000 | | 1422 | -0.002 | 0.000 | 0.000 | | -0.002 | | -0.38 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | -0.58 | | 32837 |
| | | | | riacei iai | 1 | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | beweinfung | ۷ | | | -0.002 | -0.39 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -0.66 | 0.00 | | -50.72 | -0.05 | -0.28 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | | | 0.000 | min | -0.001 | -0.05 | -0.27 | | 32037 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | Paulahauna | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | 0.000 | 1 | 1/120 | 04.3 | 0.47 | 0.00 | | -0.001 | -0.27 | 0.24 | | 22027 |
| | 0.000 | + | 1426 | -84.3 | -0.47 0.000 | | | -61.84 -0.001 | -0.04 -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | | 0.000 | min | -0.001 | | -0.24 | | 32837 |
| | | | | Material | 1 | | | | -0.04 | | | |
| | | | | Doughas | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.24 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1030 | 0.000 | 1 | 1429 | -46.8 | -0.26 | 0.00 | | -61.84 | -0.02 | -0.13 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.13 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1430 | -134.3 | -0.87 | 0.00 | | | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | and and | _ | | max | | -0.38 | | | |
| 1030 | 1.003 | 1 | 1421 | -46.8 | -0.83 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.001 | -0.02 | | | 32037 |
| | | | | | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.14 | | | |
| | | | | bewein ung | _ | | max | | -0.13 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -1.70 | 0.00 | 7 | | -0.07 | -0.39 | | 32837 |
| | | _ | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | 0.5. | | 32037 |
| | | | | 110 001 101 | - | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | Dewein ding | | | max | | -0.37 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -1.04 | 0.00 | | -32.15 | -0.05 | -0.28 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | _ | | | -0.001 | -0.27 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -1.49 | 0.00 | | | -0.04 | -0.25 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | - | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.25 | | | |
| | | | | and and | _ | | | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1429 | -46.8 | -0.83 | 0.00 | | -19.58 | -0.02 | -0.14 | | 32837 |
| | | | > | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.001 | -0.02 | | | 5253, |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | _ chem ung | | | | -0.001 | -0.13 | | | |
| | 1.003 | 1 | 1430 | -134.3 | -1.70 | 0.00 | | | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | 2 | _ | | | -0.002 | -0.37 | | | |
| 1031 | 0.000 | 1 | 1421 | -46.8 | -0.83 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | , | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | zemenii ung | | | 111 | 0.001 | 0.14 | | | |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -1.70 | 0.00 | | -27.25 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.37 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -1.04 | 0.00 | | -32.15 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -1.49 | 0.00 | | -19.58 | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.25 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1429 | -46.8 | -0.83 | 0.00 | ٠.٠ | -19.58 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 1 | 1430 | -134.3 | -1.70 | 0.00 | | -27.25 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.37 | | | |
| 1031 | 1.003 | 1 | 1421 | -46.8 | -1.39 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | | | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -2.54 | 0.00 | | | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -1.42 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |

Model Bemessung Stäbe im Gebrauchszustand

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|------------|--------|--------|---------------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ъ | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1031 | 1 002 | 1 | 1426 | -84.3 | -2.51 | | | | -0.04 | -0.26 | K+[-] | |
| 1631 | 1.003 | | 1420 | | | 0.00 | | -11.63 | | | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| | 1.003 | 1 | 1429 | -46.8 | -1.39 | 0.00 | | -11.63 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 1.003 | 1 | 1430 | -134.3 | -2.54 | 0.00 | | -18.29 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | Dewein ung | _ | | | -0.002 | -0.36 | | | |
| 1032 | 0.000 | 1 | 1421 | -46.8 | -1.39 | 0.00 | | -11.63 | -0.02 | -0.14 | | 32837 |
| 1032 | 0.000 | | 1421 | -0.001 | 0.000 | 0.000 | 7 | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | | | 0.000 | | | | -0.12 | | 32037 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | | | | $\overline{}$ | -0.001 | -0.12 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -2.54 | 0.00 | | -18.29 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -1.42 | 0.00 | | -23.53 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -2.51 | 0.00 | | -11.63 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | benein ung | _ | | | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1429 | -46.8 | -1.39 | 0.00 | | -11.63 | -0.02 | -0.14 | | 32837 |
| | 0.000 | - | 1-723 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.02 | 0.12 | | 52057 |
| | | | | lacel 1d1 | 1 | | | -0.001 | -0.02 | | | |
| | | | | Powohnuna | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | 0.000 | | 1 4 3 6 | 424.2 | 2 5 4 | 0.00 | | -0.001 | -0.12 | 0.40 | | 22027 |
| | 0.000 | 1 | 1430 | -134.3 | -2.54 | 0.00 | | -18.29 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.36 | | | |
| 1032 | 1.003 | 1 | 1421 | -46.8 | -1.95 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -3.37 | 0.00 | | | -0.07 | -0.40 | | 32837 |
| | | _ | | -0.002 | -0.000 | 0.000 | • | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | 0.50 | | 32037 |
| | | | | liacei zaz | - | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | Dewein ding | 2 | | max | | -0.36 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -1.80 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32637 |
| | | | | Material | | | | | -0.04 | | | |
| | | | | Paulahauna | 2 | | max | | -0.29 | | | |
| | | | | Bewehrung | 2 | | min | | | | | |
| | 1 003 | 1 | 1426 | 04.2 | 2 52 | 0.00 | | -0.001 | -0.26 | 0.26 | | 22027 |
| | 1.003 | 1 | 1426 | -84.3 | -3.52 | 0.00 | | -8.273 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | 2 | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | 4 000 | | 4 | 25.2 | 4 00 | 2 22 | max | | -0.22 | 2 22 | | 2002 |
| | 1.003 | 1 | 1429 | -96.8 | -1.80 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -3.52 | 0.00 | | | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1033 | 0.000 | 1 | 1421 | -46.8 | -1.95 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -3.37 | 0.00 | | -13.77 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | | | | | | | | | | | | |

Model Bemessung Stäbe im Gebrauchszustand

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------------|--------|--------|-------|------------------|----------------|-------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1033 | 0.000 | 1 | 1425 | -96.8 | -1.80 | 0.00 | | -18.55 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -3.52 | 0.00 | | -8.273 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -1.80 | 0.00 | | -18.55 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | | -0.001 | -0.26 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -3.52 | 0.00 | 7 | -8.273 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| 1000 | | _ | | | | | | -0.001 | -0.22 | | | |
| 1033 | 1.003 | 1 | 1421 | -46.8 | -2.52 | 0.00 | | -6.420 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | D b | 2 | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.15 | | | |
| | 1 003 | 1 | 1422 | 124.2 | -4.21 | 0.00 | | -0.001 | -0.12 | 0 41 | | 22027 |
| | 1.003 | 1 | 1422 | -134.3 | | | | -11.04 | -0.07 | -0.41 | | 32837 32837 |
| | | | | -0.002 Material | -0.000 | 0.000 | min | -0.002 -0.002 | -0.06 -0.07 | -0.35 | | 32037 |
| | | | | Material | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | bewein ung | 2 | | | -0.002 | -0.41 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -2.18 | 0.00 | | -15.32 | -0.05 | -0.29 | | 32837 |
| | 1.005 | | 1423 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | lucci Iui | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Deweill dilg | | | | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -4.54 | 0.00 | | -6.420 | -0.05 | -0.27 | | 32837 |
| | 1.005 | 7 | 1120 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | - 2007 |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | 2 | _ | | | -0.001 | -0.21 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -2.18 | 0.00 | | -15.32 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | | | | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -4.54 | 0.00 | | -6.420 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| 1034 | 0.000 | 1 | 1421 | -46.8 | -2.52 | 0.00 | | -6.420 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.15 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -4.21 | 0.00 | | -11.04 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Jenem ung | _ | | | -0.002 | -0.35 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -2.18 | 0.00 | | -15.32 | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | 5-223 |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | Jenem ung | _ | | max | | -0.26 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -4.54 | 0.00 | | | -0.05 | -0.27 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.27 | | | |
| | | | | bewein ung | _ | | | -0.001 | -0.21 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -2.18 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 3.303 | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.001 | -0.05 | 3.23 | | 32037 |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.26 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -4.54 | 0.00 | | | -0.05 | -0.27 | | 32837 |
| | 3.000 | _ | 55 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.001 | -0.05 | | | 5255, |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | Jenem ung | | | max | | -0.21 | | | |
| 1034 | 1.003 | 1 | 1421 | -46.8 | -3.08 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| 1004 | 1.000 | * | 7-7-1 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.11 | | 52057 |
| | | | | . id cci iai | 1 | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.02 | | | |
| | | | | Dewelli ulig | 2 | | | | | | | |
| | | | | | | | ıllax | -0.001 | -0.11 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|--------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1034 | 1.003 | 1 | 1422 | -134.3 | -5.01 | 0.00 | | -9.268 | -0.07 | -0.41 | | 32837 |
| 2031 | 1.003 | _ | _ , | -0.002 | -0.000 | 0.000 | • | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.55 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | bewein ding | 2 | | | -0.002 | -0.35 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -2.57 | 0.00 | | -13.04 | -0.05 | -0.29 | | 32837 |
| | 1.003 | | 1423 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | | | 0.000 | | -0.001 | -0.05 | -0.20 | | 32637 |
| | | | | Material | 1 | | | | | | | |
| | | | | D b | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 4 000 | | 4 40 5 | 24.2 | | | | -0.001 | -0.26 | 2 22 | | 2227 |
| | 1.003 | 1 | 1426 | -84.3 | -5.52 | 0.00 | | -5.278 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.20 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -2.57 | 0.00 | 7 | -13.04 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -5.52 | 0.00 | | -5.278 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| 1035 | 0.000 | 1 | 1421 | -46.8 | -3.08 | 0.00 | | -5.245 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -5.01 | 0.00 | | -9.268 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | | -0.002 | -0.35 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -2.57 | 0.00 | | -13.04 | -0.05 | -0.29 | | 32837 |
| | | 7 | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -5.52 | 0.00 | | -5.278 | -0.05 | -0.28 | | 32837 |
| | 0.000 | _ | 1420 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52637 |
| | | | | mater 1a1 | 1 | | | | | | | |
| | | | | Dough with | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | mın | -0.001 | -0.28 | | | |

Model

| Stab X[m] QNr LF N1 Py1 Ry2 Py1 Ry3 Py2 | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Color [1/km] [1/km] [-1] [0/on] [MPa] Maja | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| New Part Sezeichung Sex | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | | max | -0.001 | -0.20 | | | |
| Material 1 | | 0.000 | 1 | 1429 | -96.8 | -2.57 | 0.00 | | -13.04 | -0.05 | -0.29 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | max | -0.001 | -0.04 | | | |
| 1 1430 -84.3 -5.52 0.00 -5.278 -0.05 -0.28 32837 | | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| -0.001 -0.000 -0.000 max -0.001 -0.03 -0.20 32837 | | | | | | | | max | -0.001 | -0.26 | | | |
| Material | | 0.000 | 1 | 1430 | -84.3 | -5.52 | 0.00 | | -5.278 | -0.05 | -0.28 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| 1035 1.003 1 1421 -46.8 -3.65 0.00 -0.24 -0.443 -0.01 -0.02 -0.01 32837 | | | | | | | | max | -0.001 | -0.03 | | | |
| 1.003 | | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| 1.003 1 1425 -96.8 -2.95 0.000 -0.001 -0.05 -0.29 32837 -0.001 -0.001 -0.001 -0.05 -0.29 32837 -0.002 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.002 -0.000 | | | | | | | | max | -0.001 | -0.20 | | | |
| Material 1 | 1035 | 1.003 | 1 | 1421 | -46.8 | -3.65 | 0.00 | | -4.433 | -0.03 | -0.16 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| 1.003 1 1422 -134.3 -5.84 0.00 -7.75.2 -0.07 -0.42 32837 | | | | | | | | max | -0.001 | -0.02 | | | |
| 1.003 1 1422 | | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| -0.002 | | | | | | | | max | -0.001 | -0.11 | | | |
| Material 1 | | 1.003 | 1 | 1422 | -134.3 | -5.84 | 0.00 | | -7.952 | -0.07 | -0.42 | | 32837 |
| Bewehrung 2 | | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| 1.003 1 1425 -96.8 -2.95 0.00 -11.35 -0.05 -0.29 32837 -0.001 -0.000 0.000 0.001 -0.04 -0.25 32837 -0.001 -0.000 0.000 0.001 -0.04 -0.25 32837 -0.001 -0.000 0.001 -0.25 0.001 -0.25 -0.001 -0.000 0.000 0.001 -0.25 -0.001 -0.000 0.000 0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.001 -0.03 -0.20 32837 -0.001 -0.000 0.000 0.001 -0.28 0.001 -0.28 -0.001 -0.000 0.000 0.000 -0.001 -0.20 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.25 32837 -0.001 -0.000 0.000 0.000 0.001 -0.05 -0.25 32837 -0.001 -0.000 0.000 0.000 0.001 -0.05 -0.25 32837 -0.001 -0.000 0.000 0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.000 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.05 -0.28 32837 -0.001 -0.000 0.000 0.000 -0.001 -0.05 -0.001 -0.05 -0.001 -0.05 -0.001 -0.000 0.000 0.000 -0.001 -0.005 -0 | | | | | | | | max | -0.002 | -0.06 | | | |
| 1.003 1 1425 | | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| 1.003 | | | | | | | | max | -0.002 | -0.34 | | | |
| Material 1 | | 1.003 | 1 | 1425 | -96.8 | -2.95 | 0.00 | | -11.35 | -0.05 | -0.29 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| 1.003 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1.003 | | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 | | 1.003 | 1 | 1426 | -84.3 | -6.54 | 0.00 | | -4.461 | -0.05 | -0.28 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | 1 | | -0.20 | | 32837 |
| Bewehrung 2 min -0.001 -0.28 max -0.001 -0.20 | | | | | Material | 1 | | min | | | | | |
| 1.003 1 1429 -96.8 -2.95 0.00 -11.35 -0.05 -0.29 32837 -0.001 -0.000 0.000 -0.001 -0.04 -0.25 32837 -0.001 -0.001 -0.05 | | | | | | | | | | | | | |
| 1.003 | | | | | Bewehrung | 2 | | min | -0.001 | | | | |
| 1.003 1 1430 -0.000 -0.000 -0.001 -0.05 | | | | | | | | max | -0.001 | -0.20 | | | |
| Material 1 min -0.001 -0.05 max -0.001 -0.04 min -0.001 -0.29 max -0.001 -0.25 1.003 1 1430 -84.3 -6.54 0.004.461 -0.05 -0.28 32837 -0.001 -0.000 0.000 min -0.001 -0.03 -0.20 32837 min -0.001 -0.03 Bewehrung 2 min -0.001 -0.03 min -0.001 -0.28 | | 1.003 | 1 | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | -0.000 | 0.000 | | -0.001 | | -0.25 | | 32837 |
| Bewehrung 2 min -0.001 -0.29 max -0.001 -0.25 | | | | | Material | 1 | | | 1 | | | | |
| 1.003 1 1430 -84.3 -6.54 0.00 -4.461 -0.05 -0.28 32837 -0.001 -0.000 0.000 -0.001 -0.03 -0.20 32837 Material 1 min -0.001 -0.05 max -0.001 -0.05 max -0.001 -0.03 Bewehrung 2 min -0.001 -0.28 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1.003 | | | | | Bewehrung | 2 | | min | 1 | | | | |
| -0.001 -0.000 0.000 -0.001 -0.03 -0.20 32837 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 min -0.001 -0.05 max -0.001 -0.03 max -0.001 -0.03 Bewehrung 2 min -0.001 -0.28 | | 1.003 | 1 | 1430 | -84.3 | -6.54 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| max -0.001 -0.03 min -0.001 -0.28 max -0.001 -0.28 min -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.28 max -0.001 -0.001 -0.001 max -0.001 -0.001 -0.001 max -0.001 -0.001 -0.001 max -0.001 -0.001 -0.001 max -0.001 -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 -0.001 max -0.001 m | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | max | -0.001 | | | | |
| max -0.001 -0.20 | | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | | max | -0.001 | -0.20 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1036 | 0.000 | 1 | 1421 | -46.8 | -3.65 | 0.00 | | -4.433 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -5.84 | 0.00 | | -7.952 | -0.07 | -0.42 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -2.95 | 0.00 | | -11.35 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -6.54 | 0.00 | 7 | -4.461 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -2.95 | 0.00 | | -11.35 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -6.54 | 0.00 | | -4.461 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| 1036 | 1.003 | 1 | 1421 | -46.8 | -4.21 | 0.00 | | | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -6.67 | 0.00 | | | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | | | | | -0.002 | -0.34 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -3.33 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | | 0.001 | 2.33 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -7.55 | 0.00 | | -3.863 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -3.33 | 0.00 | | -10.05 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -7.55 | 0.00 | | -3.863 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| 1037 | 0.000 | 1 | 1421 | -46.8 | -4.21 | 0.00 | ٠.٠ | -3.839 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -6.67 | 0.00 | | -6.963 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -3.33 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -7.55 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | | -0.19 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -3.33 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1037 | 0.000 | 1 | 1430 | -84.3 | -7.55 | 0.00 | | -3.863 | -0.05 | -0.29 | K+[-] | 32837 |
| 1037 | 0.000 | | 1430 | | | | | | | | | |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | | -0.001 | -0.19 | | | |
| 1037 | 1.003 | 1 | 1421 | -46.8 | -4.77 | 0.00 | | -3.386 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -7.50 | 0.00 | | -6.193 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.002 | -0.08 | | | 5203, |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | Dewein ding | _ | | | -0.002 | -0.33 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -3.71 | 0.00 | | -9.020 | -0.05 | -0.30 | | 32837 |
| | 1.003 | 1 | 1423 | | | | 7 | | | | | |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -8.56 | 0.00 | | -3.407 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -3.71 | 0.00 | | -9.020 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | | -0.001 | -0.25 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -8.56 | 0.00 | | -3.407 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | benein ung | _ | | | -0.001 | -0.18 | | | |
| 1038 | 0.000 | 1 | 1421 | -46.8 | -4.77 | 0.00 | | -3.386 | -0.03 | -0.16 | | 32837 |
| 1038 | 0.000 | - | 1-721 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.10 | | 32037 |
| | | | | mater 1d1 | 1 | | | | | | | |
| | | | | Dough with | | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.16 | | | |
| | | | 4 | 4 | | | | -0.001 | -0.10 | | | |
| | 0.000 | 1 | 1422 | | -7.50 | 0.00 | | -6.193 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -3.71 | 0.00 | | -9.020 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | | -0.25 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -8.56 | 0.00 | | -3.407 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -3.71 | 0.00 | | -9.020 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -8.56 | 0.00 | ٠.٠ | -3.407 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| 1038 | 1.003 | 1 | 1421 | -46.8 | -5.31 | 0.00 | | -3.047 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | | -0.17 | | | |
| | | | | | | | max | -0.000 | -0.10 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -8.33 | 0.00 | | | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | | | | | -0.002 | -0.33 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -4.09 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | max | | -0.25 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -9.57 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |

Model Bemessung Stäbe im Gebrauchszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1038 | 1.003 | 1 | 1429 | -96.8 | -4.09 | 0.00 | | -8.179 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | _ | | | | -0.25 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -9.57 | 0.00 | | -3.047 | -0.05 | -0.30 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | 0.10 | | 32037 |
| | | | | lucci iui | - | | | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | Dewein ung | 2 | | | -0.001 | -0.18 | | | |
| 1039 | 0.000 | 1 | 1421 | -46.8 | -5.31 | 0.00 | | -3.047 | -0.03 | -0.17 | | 32837 |
| 1039 | 5.000 | | 1471 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.02 | -0.10 | | 32037 |
| | | | | Material | 1 | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.02 | | | |
| | | | | bewein ung | 2 | | | 1 | -0.10 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -8.33 | 0.00 | | -0.000 | | -0.44 | | 22027 |
| | 0.000 | 1 | 1422 | -0.002 | | | 7 | -5.576 | -0.08 -0.05 | | | 32837 |
| | | | | | -0.000 | 0.000 | | -0.002 | | -0.33 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | D l | 2 | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | 0.000 | 4 | 4.405 | 05.0 | 4 00 | 0.00 | | -0.002 | -0.33 | 0.20 | | 22027 |
| | 0.000 | 1 | 1425 | -96.8 | -4.09 | 0.00 | | -8.179 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 1 | 1426 | 04.2 | 0.57 | 0.00 | | -0.001 | -0.25 | 0.20 | | 22027 |
| | 0.000 | 1 | 1426 | -84.3 | -9.57 | 0.00 | | -3.047 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Davish | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 4 | 1430 | 00.0 | 4 00 | 0.00 | | -0.001 | -0.18 | 0.30 | | 22027 |
| | 0.000 | 1 | 1429 | -96.8 | -4.09 | 0.00 | | -8.179 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Davish | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 4 | 1420 | 24.2 | 0 5- | 0.00 | | -0.001 | -0.25 | 0.30 | | 2202 |
| | 0.000 | 1 | 1430 | | -9.57 | 0.00 | | -3.047 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Daniel | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| 4000 | 1 000 | | 1.434 | 46.0 | F 0- | 0.00 | | -0.001 | -0.18 | 0.4= | | 22027 |
| 1039 | 1.003 | 1 | 1421 | -46.8 | -5.87 | 0.00 | | -2.756 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -9.16 | 0.00 | | -5.071 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | max | | -0.32 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -4.47 | 0.00 | | -7.482 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -10.58 | 0.00 | | -2.756 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.17 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -4.47 | 0.00 | ٠.٠ | -7.482 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -10.58 | 0.00 | | -2.756 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.17 | | | |
| 1040 | 0.000 | 1 | 1421 | -46.8 | -5.87 | 0.00 | | | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.17 | | | |
| | | | | | | | | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -9.16 | 0.00 | | | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | | | | max | | -0.32 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -4.47 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1040 | 0.000 | 1 | 1426 | -84.3 | -10.58 | 0.00 | | -2.756 | -0.06 | -0.31 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | - | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | Dewein ung | _ | | max | | -0.17 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -4.47 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | 0.000 | | 1423 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.24 | | 32637 |
| | | | | Material | _ | | | 1 | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | 1 | -0.30 | | | |
| | | | 4.400 | 24.2 | 40.50 | | max | | -0.24 | 0.04 | | 20027 |
| | 0.000 | 1 | 1430 | -84.3 | -10.58 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | | -0.17 | | | |
| 1040 | 1.003 | 1 | 1421 | -46.8 | -6.43 | 0.00 | 7 | -2.516 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -9.99 | 0.00 | | -4.650 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.45 | | | |
| | | | | | | | | -0.002 | -0.31 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -4.82 | 0.00 | | | -0.05 | -0.31 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | | 0.21 | | 32037 |
| | | | | liace. Iai | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -11.59 | 0.00 | | | -0.24 | -0.32 | | 32837 |
| | 1.003 | 1 | 1420 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.02 | -0.32 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.02 | -0.10 | | 32037 |
| | | | | mater 1d1 | 1 | | | | | | | |
| | | | | Dough with | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 1 000 | 4 | 1400 | 25.2 | 4 00 | 0.00 | | -0.001 | -0.16 | 0.34 | | 22027 |
| | 1.003 | 1 | 1429 | | -4.82 | 0.00 | | -6.937 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | _ | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -11.59 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | | | | | | |

Model

| Dennungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|----------|--------|------------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ig | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.16 | | | |
| 1041 | 0.000 | 1 | 1421 | -46.8 | -6.43 | 0.00 | | -2.516 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | 0.000 | 1 | 1422 | 124.2 | 0.00 | 0.00 | max | | -0.09 | 0.45 | | 22027 |
| | 0.000 | 1 | 1422 | -134.3 | -9.99 | 0.00 | | | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | D b | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.45 | | | |
| | 0.000 | | 1425 | 06.0 | 4 02 | 0.00 | max | | -0.31 | 0.21 | | 22027 |
| | 0.000 | 1 | 1425 | -96.8 -0.001 | -4.82 | 0.00 | | -6.937 | -0.05 | -0.31 | | 32837 |
| | | | | | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Dayrahayaa | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -11.59 | 0.00 | | | -0.24 -0.06 | -0.32 | | 22027 |
| | 0.000 | 1 | 1426 | -0.001 | | 0.00 | | -2.515 -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | -0.000 | 0.000 | min | -0.002 | -0.02 | -0.10 | | 32837 |
| | | | | Material | + | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.32 | | | |
| | | | | bewein ung | 2 | | | | -0.16 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -4.82 | 0.00 | max | -6.937 | -0.05 | -0.31 | | 32837 |
| | 0.000 | | 1423 | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.05 | 0.24 | | 32037 |
| | | | | l la cel 1a1 | - | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | Jenem ung | - | | max | | -0.24 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -11.59 | 0.00 | | -2.515 | -0.06 | -0.32 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | - | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.16 | | | |
| 1041 | 1.003 | 1 | 1421 | -46.8 | -6.99 | 0.00 | | | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -10.82 | 0.00 | | -4.293 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.45 | | | |
| | | | | | | | max | -0.002 | -0.31 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|------------------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1041 | 1.003 | 1 | 1425 | -96.8 | -5.20 | 0.00 | | -6.432 | -0.05 | -0.31 | K-T[] | 32837 |
| 1041 | 1.003 | | 1423 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | | 0.000 | | | -0.05 | -0.24 | | 32637 |
| | | | | Macerial | 1 | | | -0.002 -0.001 | | | | |
| | | | | D b | 2 | | | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -5.20 | 0.00 | | -6.432 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -12.60 | 0.00 | 7 | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.16 | | | |
| 1042 | 0.000 | 1 | 1421 | -46.8 | -6.99 | 0.00 | | -2.314 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.18 | | | |
| | | | | Dewein ung | = | | | -0.000 | -0.09 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -10.82 | 0.00 | | -4.293 | -0.08 | -0.45 | | 32837 |
| | 0.000 | | 1722 | -0.002 | -0.000 | 0.000 | • | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.51 | | 32037 |
| | | | | Idectiful | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | | Deweill dilg | 2 | | | -0.002 | -0.43 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -5.20 | 0.00 | | -6.432 | -0.05 | -0.31 | | 32837 |
| | 0.000 | | 1423 | -0.001 | | | | | -0.04 | | | |
| | | | | Material | -0.000 | 0.000 | min | -0.002 -0.002 | -0.05 | -0.24 | | 32837 |
| | | | | lacel 1d1 | 1 | | | -0.001 | -0.03 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 0.000 | 1 | 1426 | 04.2 | 12.60 | 0.00 | | -0.001 | -0.24 | 0.33 | | 22027 |
| | 0.000 | 1 | 1426 | | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Day to love | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 0.000 | | 4400 | 0.5.5 | F 00 | 0.00 | | -0.001 | -0.16 | 0.31 | | 2005 |
| | 0.000 | 1 | 1429 | | -5.20 | 0.00 | | -6.432 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|----------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |
| 1042 | 1.003 | 1 | 1421 | -46.8 | -7.55 | 0.00 | | -2.142 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -11.65 | 0.00 | | -3.988 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -5.58 | 0.00 | ` | -5.995 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | max | | -0.24 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -13.61 | 0.00 | | | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | 2 | | max • | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.33 | | | |
| | 1 003 | 1 | 1420 | 05.0 | F 50 | 0.00 | | -0.001 | -0.15 | 0.21 | | 22027 |
| | 1.003 | 1 | 1429 | -96.8 | -5.58 | 0.00 | | | -0.06 -0.04 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 -0.001 | -0.06 -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | beweinfung | 2 | | | -0.001 | -0.24 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -13.61 | 0.00 | | -2.142 | -0.24 | -0.33 | | 32837 |
| | 1.005 | | 1430 | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | riacci tat | 1 | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | Dewelli ulig | 2 | | | -0.001 | -0.15 | | | |
| 1043 | 0.000 | 1 | 1421 | -46.8 | -7.55 | 0.00 | | | -0.13 | -0.18 | | 32837 |
| 10.19 | 3.000 | * | | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.001 | -0.03 | | | 32037 |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | | | | 2 | _ | | max | | -0.08 | | | |
| | | | | | | | max. | 0.000 | 0.00 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1043 | 0.000 | 1 | 1422 | -134.3 | -11.65 | 0.00 | | -3.988 | -0.08 | -0.46 | K+[-] | 32837 |
| 1043 | 0.000 | | 1422 | | | | | | | | | |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | | | | | | | | -0.002 | -0.30 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -5.58 | 0.00 | | -5.995 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -13.61 | 0.00 | | -2.142 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | 5203, |
| | | | | liace. Iai | - | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | Dewein ding | _ | | | -0.001 | -0.15 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -5.58 | 0.00 | | -5.995 | -0.15 | -0.31 | | 32837 |
| | 0.000 | | 1429 | | | | 7 | | | | | |
| | | | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -13.61 | 0.00 | | -2.142 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| 1043 | 1.003 | 1 | 1421 | -46.8 | -8.11 | 0.00 | | -1.994 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -12.48 | 0.00 | | -3.723 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | | | | benein ung | _ | | | -0.001 | -0.30 | | | |
| | 1.003 | 1 | 1425 | -96.8 | -5.96 | 0.00 | | -5.614 | -0.06 | -0.31 | | 32837 |
| | 1.005 | - | 1-723 | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.04 | 0.23 | | 32037 |
| | | | | lacel 1d1 | 1 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | | | | |
| | | | | beweiirung | 2 | | | -0.002 | -0.31 | | | |
| | 1 000 | | 1425 | 24.2 | 44.63 | 0.00 | | -0.001 | -0.23 | 0.31 | | 22027 |
| | 1.003 | 1 | 1426 | | -14.63 | 0.00 | | -1.994 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -5.96 | 0.00 | | -5.614 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -14.63 | 0.00 | | -1.994 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| 1044 | 0.000 | 1 | 1421 | -46.8 | -8.11 | 0.00 | | | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | | | | max | | -0.08 | | | |
| | 0.000 | 1 | 1422 | -134.3 | -12.48 | 0.00 | | -3.723 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | 0.000 | 1 | 1425 | -96.8 | -5.96 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1426 | -84.3 | -14.63 | 0.00 | | | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | 8 | | | | -0.001 | -0.14 | | | |
| | 0.000 | 1 | 1429 | -96.8 | -5.96 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | 8 | _ | | | -0.001 | -0.23 | | | |
| | 0.000 | 1 | 1430 | -84.3 | -14.63 | 0.00 | | | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | _ | | | -0.001 | -0.14 | | | |
| | | | | | | | mux | 3.001 | 0.14 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|--------|--------|-------|--------|-------|-------|-------|------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1044 | 1.003 | 1 | 1421 | -46.8 | -8.67 | 0.00 | | -1.865 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | bewern ung | _ | | | -0.000 | -0.07 | | | |
| | 1.003 | 1 | 1422 | -134.3 | -13.30 | 0.00 | | -3.491 | -0.08 | -0.47 | | 32837 |
| | 1.005 | _ | 1722 | -0.002 | -0.001 | 0.000 | • | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.23 | | 32037 |
| | | | | I a c c i T a T | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.47 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.29 | | | |
| | 1 002 | 1 | 1425 | -96.8 | -6.34 | 0.00 | | | -0.29 | 0 22 | | 32837 |
| | 1.003 | 1 | 1425 | | | | | -5.279 | | -0.32 | | |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1426 | -84.3 | -15.64 | 0.00 | 7 | -1.865 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 1 | 1429 | -96.8 | -6.34 | 0.00 | | -5.279 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 1 | 1430 | -84.3 | -15.64 | 0.00 | | -1.865 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| 1045 | 0.000 | 2 | 1421 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 2 | 1422 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | _ | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | 3.303 | 0.00 | | | 0.00 |
| | | | | -upzone | | 0.000 | 10.0 | | 0.00 | | | 0.00 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|----------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | - | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | bezeiemai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1045 | 0.000 | 2 | 1425 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | K+[-] | 32837 |
| 1045 | 0.000 | | 1423 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | | | 0.000 | • | | | 0.00 | | 32037 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | _ | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 2 | 1426 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 2 | 1429 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | _ | , | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | 0.000 | min | 0.000 | 0.00 | 0.00 | | 32037 |
| | | | | l lacci Iai | - | | | 0.000 | 0.00 | | | |
| | | | | Bouchning | 2 | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | | | | |
| | | | | _ | | 0.000 | max | 0.000 | 0.00 | | | 0.00 |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.000 | 2 | 1430 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| 1045 | 0.997 | 2 | 1421 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.014 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | _ | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.47 | 476.81 | | 23.76 |
| | | | | _ug_zone | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | 0.000 | 1934 |
| | 0.337 | | 1422 | 0.014 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.12 | 5.4/ | | 32837 |
| | | | | natel.1a1 | 1 | | | -0.004 | | | | |
| | | | | | | | max • | | 0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.000 | -0.03 | | | |
| | | | | _ | | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | 5.47 | | | 23.76 |
| | | | | | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47¹ |
| | 0.997 | 2 | 1425 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.22 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 9.87 | 476.81 | | 23.76 |
| | | | | 5 | | 9.46 | 0.03 | 1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | | | | | | 10 | 0.03 | | | | | J. 17 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1045 | 0.997 | 2 | 1426 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | | _ | | 0.025 | 0.031 | 0.000 | | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.22 | | | |
| | | | | | _ | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | _ | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 9.87 | 476.81 | | 23.76 |
| | | | | | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | 0.011 | 1934 |
| | 0.337 | _ | 1.50 | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.004 | -0.12 | 3.41 | | 32037 |
| | | | | 110001101 | - | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | Dewein ung | _ | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | Zugzone | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| 1046 | 0.000 | 2 | 1421 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | 0.000 | 1934 |
| 2010 | 0.000 | _ | | 0.014 | 0.017 | 0.000 | • | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.004 | -0.12 | 3.17 | | 32037 |
| | | | | 110001101 | - | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | _ | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 5.25 | 0.02 | | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | 2.000 | 1934 |
| | 3.303 | _ | | 0.014 | 0.017 | 0.000 | • | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.004 | -0.12 | , | | 32037 |
| | | | | | _ | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.03 | | | |
| | | | | bewein ung | _ | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.47 | 476.81 | | 23.76 |
| | | | | | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | 3.303 | | 25 | 0.025 | 0.031 | 0.000 | • | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.22 | 3.07 | | 32037 |
| | | | | . IG CCI IGI | 1 | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | bewein ung | 2 | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.049 | 9.87 | 476.82 | | 23.76 |
| | | | | Zugzone | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | | | | | | 2.40 | 0.03 | 170.1 | 0.500 | 0.000 | 0.011 | 0.47 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1046 | 0.000 | 2 | 1426 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.22 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 9.87 | 476.82 | | 23.76 |
| | | | | | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| 1046 | 0.997 | 2 | 1421 | 0.0 | 42.34 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.14 | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47¹ |
| | 0.997 | 2 | 1422 | 0.0 | 42.34 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.14 | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47¹ |
| | 0.997 | 2 | 1425 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.057 | 0.000 | | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.41 | | | |
| | | | | | | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.091 | 18.29 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 18.29 | 476.82 | | 23.76 |
| | | | | | | 17.54 | 0.05 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1046 | 0.997 | 2 | 1426 | 0.0 | 41.85 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.057 | 0.000 | | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.41 | | | |
| | | | | | | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.091 | 18.29 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 18.29 | 476.82 | | 23.76 |
| | | | | | | 17.54 | 0.05 | 198.1 | 0.500 | 0.000 | 0.021 | 0.471 |
| | 0.997 | 2 | 1430 | 0.0 | 41.85 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.471 |
| 1047 | 0.000 | 2 | 1421 | 0.0 | 42.34 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | | 0.500 | 0.000 | 0.011 | 0.471 |
| | 0.000 | 2 | 1422 | 0.0 | 42.34 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | | 0.500 | 0.000 | 0.011 | 0.471 |
| | 0.000 | 2 | 1425 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.057 | 0.000 | | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | _ | | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | - | | | max | 0.091 | 18.29 | 47.5 | | 22 - |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | 0.000 | 23.76 |
| | | | | | | 17.54 | 0.05 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1047 | 0.000 | 2 | 1426 | 0.0 | 41.85 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | | min | | -0.23 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | 01022 | 1934 |
| | 0.000 | _ | 1,23 | 0.045 | 0.057 | 0.000 | • | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.41 | 10.25 | | 32037 |
| | | | | 110001101 | - | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Dewein ung | _ | | max | 0.091 | 18.29 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 18.29 | 476.82 | | 23.76 |
| | | | | Zugzone | | 17.54 | 0.05 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 41.85 | 0.00 | | -0.804 | -0.23 | -0.05 | 0.021 | 1934 |
| | 0.000 | _ | 1450 | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.007 | -0.23 | 10.02 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | Dewein ding | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| 1047 | 0.997 | 2 | 1421 | 0.0 | 58.50 | 0.00 | | -0.804 | -0.31 | -0.07 | 0.011 | 1934 |
| 2017 | 0.337 | _ | | 0.035 | 0.043 | 0.000 | • | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | 32037 |
| | | | | 110001101 | - | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | _ | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 58.50 | 0.00 | | -0.804 | -0.31 | -0.07 | 0.010 | 1934 |
| | 3.22, | _ | | 0.035 | 0.043 | 0.000 | • | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | 5.000 | min | -0.009 | -0.31 | | | 32037 |
| | | | | | | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.07 | | | |
| | | | | | _ | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 105.51 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | - | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | | -0.57 | | | |
| | | | | | _ | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 24.23 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.47 ¹ |
| | | | | | | | 0.00 | | 3.500 | 3.000 | 2.020 | J. 77 |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|----------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1047 | 0.997 | 2 | 1426 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.83 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.83 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.83 | 476.82 | | 23.76 |
| | | | | Zugzone | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 105.51 | 0.00 | | -0.804 | -0.57 | -0.13 | 0.020 | 1934 |
| | 0.337 | _ | 1,23 | 0.063 | 0.078 | 0.000 | • | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.017 | -0.57 | 23.27 | | 32037 |
| | | | | nacer zaz | - | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | Dewein ding | _ | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 25.27 | 476.84 | | 23.76 |
| | | | | Zugzone | | 24.23 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | 0.020 | 1934 |
| | 0.557 | _ | 1450 | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.83 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.009 | -0.31 | 13.05 | | 32037 |
| | | | | lucci Iui | - | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | Deweill dilg | | | max | 0.069 | 13.83 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.83 | 476.82 | | 23.76 |
| | | | | Zugzone | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| 1048 | 0.000 | 2 | 1421 | 0.0 | 58.50 | 0.00 | | -0.804 | -0.31 | -0.07 | 0.010 | 1934 |
| 2010 | 0.000 | _ | | 0.035 | 0.043 | 0.000 | • | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | 32037 |
| | | | | liace. Iai | - | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | James III am B | _ | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Lugzone | | 13.44 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 58.50 | 0.00 | | -0.804 | -0.31 | -0.07 | 0.010 | 1934 |
| | | _ | | 0.035 | 0.043 | 0.000 | • | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.009 | -0.31 | | | 32037 |
| | | | | | _ | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.07 | | | |
| | | | | James III am B | _ | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 14.01 | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 105.51 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | - | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | | -0.57 | | | |
| | | | | | _ | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | ung | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 25.27 | 476.83 | | 23.76 |
| | | | | | | 24.23 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.47 ¹ |
| | | | | | | | 0.00 | | 3.500 | 3.000 | 2.020 | U+1/ |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1048 | 0.000 | 2 | 1426 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.83 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.83 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.83 | 476.82 | | 23.76 |
| | | | | | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 105.51 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | -0.017 | -0.57 | | | |
| | | | | | | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 25.27 | 476.83 | | 23.76 |
| | | | | | | 24.23 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.47¹ |
| | 0.000 | 2 | 1430 | 0.0 | 57.77 | 0.00 | - | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.83 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.83 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.83 | 476.82 | | 23.76 |
| | | | | | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.471 |
| 1048 | 0.997 | 2 | 1421 | 0.0 | 71.32 | 0.00 | -: | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 17.08 | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.471 |
| | 0.997 | 2 | 1422 | 0.0 | 71.32 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 17.08 | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 128.63 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | -0.020 | -0.69 | | | |
| | | | | | | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 30.81 | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.47 ¹ |

Model

| Dehnungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1048 | 0.997 | 2 | 1426 | 0.0 | 70.34 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 128.63 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | -0.020 | -0.69 | | | |
| | | | | | | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 30.81 | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.471 |
| | 0.997 | 2 | 1430 | 0.0 | 70.34 | 0.00 | - | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.471 |
| 1049 | 0.000 | 2 | 1421 | 0.0 | 71.32 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.471 |
| | 0.000 | 2 | 1422 | 0.0 | 71.32 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47¹ |
| | 0.000 | 2 | 1425 | 0.0 | 128.63 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | | -0.69 | | | |
| | | | | | | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.47¹ |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1049 | 0.000 | 2 | 1426 | 0.0 | 70.34 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 128.63 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | -0.020 | -0.69 | | | |
| | | | | | | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 30.81 | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.471 |
| | 0.000 | 2 | 1430 | 0.0 | 70.34 | 0.00 | - | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.471 |
| 1049 | 0.997 | 2 | 1421 | 0.0 | 80.80 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.048 | 0.060 | 0.000 | | -0.013 | 0.00 | 19.35 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.43 | | | |
| | | | | | | | max | 0.109 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.097 | 19.35 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 18.56 | 0.06 | | 0.500 | 0.000 | 0.022 | 0.471 |
| | 0.997 | 2 | 1422 | 0.0 | 80.80 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.048 | 0.060 | 0.000 | | -0.013 | 0.00 | 19.35 | | 32837 |
| | | | | Material | 1 | | | -0.013 | -0.43 | | | |
| | | | | | | | max | 0.109 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.10 | | | |
| | | | | | | | max | 0.097 | 19.35 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | | | 18.56 | 0.06 | | 0.500 | 0.000 | 0.022 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 145.73 | 0.00 | | -0.804 | -0.78 | -0.18 | | 1934 |
| | | | | 0.087 | 0.108 | 0.000 | | -0.023 | 0.00 | 34.90 | | 32837 |
| | | | | Material | 1 | | min | | -0.78 | | | |
| | | | | _ | | | max | 0.196 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | 0.175 | 34.90 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 33.47 | 0.10 | 198.1 | 0.500 | 0.000 | 0.039 | 0.47¹ |

Model

Dehnungszustand

| Stab X[m] QNr |
|--|
| Company Comp |
| |
| No. Bezeichnus Seriem |
| Second S |
| 1049 0.997 2 1426 0.0 79.57 0.00 -0.804 -0.43 19.06 19.34 19.34 19.34 19.35 19 |
| |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| No. State |
| |
| New Property State |
| 0.997 2 1429 0.0 145.73 0.00 -0.804 -0.78 -0.18 1934 0.087 0.108 0.000 -0.023 0.00 34.90 32837 |
| 0.087 |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| No. |
| 2ugzone |
| 1430 0.997 2 1430 0.0 79.57 0.00 0.000 0.000 0.039 0.471 0.997 0.0047 0.059 0.000 0.00 |
| 0.997 2 1430 0.0 79.57 0.00 -0.804 -0.43 -0.10 1934 0.047 0.059 0.000 min -0.012 -0.43 -0.00 Bewehrung 2 min -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.095 19.06 -0.000 -0.10 max 0.000 19.06 476.83 23.76 max 0.000 -0.804 -0.43 -0.10 -0.10 max 0.109 0.00 -0.10 max 0.097 19.35 -0.43 max 0.097 19.35 -0.43 max 0.097 19.35 -0.00 -0.000 max 0.097 19.35 -0.10 -0.471 max 0.000 -0.10 max 0.097 19.35 476.83 23.76 max 0.097 19.35 -0.10 -0.471 max 0.000 -0.40 -0.40 -0.40 max 0.097 19.35 -0.40 -0.40 max 0.097 19.35 -0.40 -0.40 max 0.097 19.35 -0.40 -0.40 max 0.097 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.40 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.804 max 0.000 -0.10 -0.804 -0.43 -0.10 -0.80 |
| 0.047 0.059 0.000 |
| Material 1 |
| Bewehrung 2 min |
| Max 0.095 19.06 |
| Tugzone 0.508 10.0 0.00 19.06 476.83 23.76 18.28 0.06 198.1 0.500 0.000 0.021 0.471 1050 0.000 2 1421 0.0 80.80 0.000 0.000 0.021 0.471 1934 0.048 0.060 0.000 0.001 |
| 18.28 0.06 198.1 0.500 0.000 0.021 0.47¹ 1050 0.000 2 1421 0.0 80.80 0.000.804 -0.43 -0.10 1934 0.048 0.060 0.000 min -0.013 -0.43 max 0.109 0.00 min -0.000 -0.10 max 0.097 19.35 Zugzone 0.508 10.0 0.00 19.35 476.83 23.76 18.56 0.06 198.1 0.500 0.000 0.022 0.47¹ 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| 1050 0.000 2 1421 0.0 80.80 0.000.804 -0.43 -0.10 1934 0.000 Material 1 min -0.013 -0.43 max 0.109 0.00 min -0.000 -0.10 max 0.097 19.35 23.76 2476.83 23.76 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| Material 1 |
| Material 1 min -0.013 -0.43 max 0.109 0.00 max 0.097 19.35 Zugzone 0.508 10.0 0.00 19.35 476.83 23.76 18.56 0.06 198.1 0.500 0.000 0.022 0.471 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| Bewehrung 2 |
| Bewehrung 2 min -0.000 -0.10 max 0.097 19.35 Zugzone 0.508 10.0 0.00 19.35 476.83 23.76 18.56 0.06 198.1 0.500 0.000 0.022 0.471 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| Max 0.097 19.35 |
| Zugzone 0.508 10.0 0.00 19.35 476.83 23.76 18.56 0.06 198.1 0.500 0.000 0.022 0.471 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| 18.56 0.06 198.1 0.500 0.000 0.022 0.47¹ 0.000 2 1422 0.0 80.80 0.00 -0.804 -0.43 -0.10 1934 |
| 0.000 2 1422 0.0 80.80 0.000.804 -0.43 -0.10 1934 |
| |
| |
| |
| max 0.109 0.00 |
| |
| max 0.097 19.35 |
| Zugzone 0.508 10.0 0.00 19.35 476.83 23.76 |
| 18.56 0.06 198.1 0.500 0.000 0.022 0.471 |
| 0.000 2 1425 0.0 145.73 0.000.804 -0.78 -0.18 1934 |
| 0.087 0.108 0.000 -0.023 0.00 34.90 32837 |
| Material 1 min -0.023 -0.78 |
| max 0.196 0.00 |
| |
| max 0.175 34.90 |
| |
| Zugzone 0.508 10.0 0.00 34.90 476.84 23.76 33.47 0.10 198.1 0.500 0.000 0.039 0.47 ¹ |

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Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|--------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1050 | 0.000 | 2 | 1426 | 0.0 | 79.57 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.047 | 0.059 | 0.000 | | -0.012 | 0.00 | 19.06 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.43 | | | |
| | | | | | | | max | 0.107 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.095 | 19.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.06 | 476.83 | | 23.76 |
| | | | | | | 18.28 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 145.73 | 0.00 | | -0.804 | -0.78 | -0.18 | | 1934 |
| | | | | 0.087 | 0.108 | 0.000 | | -0.023 | 0.00 | 34.90 | | 32837 |
| | | | | Material | 1 | | min | | -0.78 | | | |
| | | | | | | | max | 0.196 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | 0.175 | 34.90 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 34.90 | 476.84 | | 23.76 |
| | | | | | | 33.47 | 0.10 | 198.1 | 0.500 | 0.000 | 0.039 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 79.57 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.047 | 0.059 | 0.000 | | -0.012 | 0.00 | 19.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.43 | | | |
| | | | | | _ | | max | 0.107 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | _ | | max | 0.095 | 19.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 18.28 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| 1050 | 0.997 | 2 | 1421 | 0.0 | 86.94 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.064 | 0.000 | - | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.47 | | | |
| | | | | | _ | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | _ | | max | 0.104 | 20.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.97 | 0.06 | 1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 86.94 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.025 | 1934 |
| | | _ | | 0.052 | 0.064 | 0.000 | • | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | 2.000 | min | | -0.47 | | | 32037 |
| | | | | | - | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | _ | | max | 0.104 | 20.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | 25,020110 | | 19.97 | 0.06 | | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 156.79 | 0.00 | | -0.804 | -0.84 | -0.19 | 0.025 | 1934 |
| | 3.557 | | ±-72.5 | 0.093 | 0.116 | 0.000 | • | -0.025 | 0.00 | 37.55 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.84 | 37.33 | | 32037 |
| | | | | i la cci Tar | 1 | | max | 0.211 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | Dewelli ulig | 2 | | max | 0.188 | 37.55 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 37.55 | 476.85 | | 23.76 |
| | | | | Zugzone | | 36.01 | 0.11 | 198.1 | 0.500 | 0.000 | 0.042 | 0.47 ¹ |
| | | | | | | 20.01 | 0.11 | 170.1 | 0.500 | 0.000 | 0.042 | 0.47 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|----------------|--------------|------------------|----------------|----------------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | g | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1050 | 0.997 | 2 | 1426 | 0.0 | 85.47 | 0.00 | | -0.804 | -0.46 | -0.10 | | 1934 |
| | | | | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.47 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.46 | | | |
| | | | | | _ | | max • | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | 7 | | 0 500 | max | 0.102 | 20.47 | 476 02 | | 22.76 |
| | | | | Zugzone | | 0.508 19.63 | 10.0 0.06 | 0.00 198.1 | | 476.83 | 0.023 | 23.76 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 156.79 | 0.00 | | | 0.500 | 0.000 -0.19 | 0.023 | |
| | 0.997 | 2 | 1429 | 0.093 | 0.116 | 0.000 | | -0.804 -0.025 | 0.00 | 37.55 | | 1934 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.84 | 37.33 | | 32037 |
| | | | | mater far | 1 | | max | 0.211 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | Deweill dilg | 2 | | max | 0.188 | 37.55 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | Zugzone | | 36.01 | 0.11 | 198.1 | 0.500 | 0.000 | 0.042 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 85.47 | 0.00 | | -0.804 | -0.46 | -0.10 | | 1934 |
| | | | | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.47 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.46 | | | |
| | | | | | | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | | | | max | 0.102 | 20.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 20.47 | 476.83 | | 23.76 |
| | | | | | | 19.63 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47¹ |
| 1051 | 0.000 | 2 | 1421 | 0.0 | 86.94 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.064 | 0.000 | | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.47 | | | |
| | | | | | | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | _ | | 0 500 | max | 0.104 | 20.82 | 476 00 | | 00 74 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | 0.000 | 23.76 |
| | 0.000 | 2 | 1422 | 0.0 | 86.94 | 19.97 | 0.06 | 198.1 | 0.500 -0.47 | 0.000 | 0.023 | 0.47 ¹ 1934 |
| | 0.000 | ۷ | 1422 | 0.052 | 0.064 | 0.000 | | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.47 | 20.02 | | 32037 |
| | | | | i acci tat | Т | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | _ | | max | 0.104 | 20.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 19.97 | 0.06 | 198.1 | 0.500 | | 0.023 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 156.79 | 0.00 | | -0.804 | -0.84 | -0.19 | | 1934 |
| | | | | 0.093 | 0.116 | 0.000 | | -0.025 | 0.00 | 37.55 | | 32837 |
| | | | | Material | 1 | | min | | -0.84 | | | |
| | | | | | | | max | 0.211 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | max | 0.188 | 37.55 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 37.55 | 476.85 | | 23.76 |
| | | | | | | 36.01 | 0.11 | 198.1 | 0.500 | | 0.042 | 0.471 |
| | | | | | | | | | | | | |

Model

Dehnungszustand

| ε-0 ky kz fact ε σ-max σ-s | σ-t Ey-eff [MPa] [MPa] σ-t Ez-eff |
|---|---|
| ε-0 ky kz fact ε σ-max σ-s [o/oo] [1/km] [-] [o/oo] [MPa] [MPa] | |
| [0/00] [1/km] [1/km] [-] [0/00] [MPa] [MPa] [| G-t Ez-off |
| | 0-0 12-011 |
| Bezeichnung h[m] D[mm] w[mm] σ σ-sr | [MPa] [MPa] |
| | a[m] As-eff[cm2] |
| | k4[-] ρ-eff[o/o] |
| 1051 0.000 2 1426 0.0 85.47 0.000.804 -0.46 -0.10 | 1934 |
| 0.051 0.063 0.000 -0.013 0.00 20.47 | 32837 |
| Material 1 min -0.013 -0.46 | |
| max 0.115 0.00 | |
| | |
| max 0.102 20.47 | |
| Zugzone 0.508 10.0 0.00 20.47 476.83 | 23.76 |
| | 0.023 0.47 ¹ |
| 0.000 2 1429 0.0 156.79 0.000.804 -0.84 -0.19 | 1934 |
| 0.093 0.116 0.000 -0.025 0.00 37.55 | 32837 |
| Material 1 min -0.025 -0.84 | |
| max 0.211 0.00 | |
| | |
| max 0.188 37.55 | |
| Zugzone 0.508 10.0 0.00 37.55 476.85 | 23.76 |
| | 0.042 0.47 ¹ |
| 0.000 2 1430 0.0 85.47 0.000.804 -0.46 -0.10 | 1934 |
| 0.051 0.063 0.000 -0.013 0.00 20.47 | 32837 |
| Material 1 min -0.013 -0.46 | |
| max 0.115 0.00 | |
| | |
| max 0.102 20.47 | |
| Zugzone 0.508 10.0 0.00 20.47 476.83 | 23.76 |
| | 0.023 0.47 ¹ |
| 1051 0.997 2 1421 0.0 89.73 0.000.804 -0.48 -0.11 | 1934 |
| 0.053 0.066 0.000 -0.014 0.00 21.49 | 32837 |
| Material 1 min -0.014 -0.48 | |
| max 0.121 0.00 | |
| | |
| max 0.107 21.49 | |
| Zugzone 0.508 10.0 0.00 21.49 476.83 | 23.76 |
| | 0.024 0.47 ¹ |
| 0.997 2 1422 0.0 89.73 0.000.804 -0.48 -0.11 | 1934 |
| 0.053 0.066 0.000 -0.014 0.00 21.49 | 32837 |
| Material 1 min -0.014 -0.48 | |
| max 0.121 0.00 | |
| | |
| max 0.107 21.49 | |
| Zugzone 0.508 10.0 0.00 21.49 476.83 | 23.76 |
| 20.61 0.06 198.1 0.500 0.000 6 | 0.024 0.47 ¹ |
| 0.997 2 1425 0.0 161.84 0.000.804 -0.87 -0.20 | 1934 |
| 0.096 0.120 0.000 -0.025 0.00 38.76 | 32837 |
| Material 1 min -0.025 -0.87 | |
| max 0.218 0.00 | |
| | |
| max 0.194 38.76 | |
| | 23.76 |
| | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1051 | 0.997 | 2 | 1426 | 0.0 | 88.02 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.47 | | | |
| | | | | | _ | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | - | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 161.84 | 0.00 | | -0.804 | -0.87 | -0.20 | 0.024 | 1934 |
| | 0.557 | | 1423 | 0.096 | 0.120 | 0.000 | • | -0.025 | 0.00 | 38.76 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.87 | 30.70 | | 32037 |
| | | | | Idectiful | | | max | 0.023 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | bewein ung | ۷ | | max | 0.194 | 38.76 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.76 | 476.85 | | 23.76 |
| | | | | Zugzone | | 37.17 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 88.02 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.045 | 1934 |
| | 0.557 | | 1430 | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.47 | 21.00 | | 32637 |
| | | | | macer tat | _ | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | 2 | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| 1052 | 0.000 | 2 | 1421 | 0.0 | 89.73 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| 1032 | 0.000 | | 1721 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.45 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.121 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Dewein ung | _ | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.61 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 89.73 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 3.000 | _ | | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | | | 32037 |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.11 | | | |
| | | | | bewein ung | _ | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | | | 20.61 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 161.84 | 0.00 | | -0.804 | -0.87 | -0.20 | U.U. | 1934 |
| | 3.303 | | 25 | 0.096 | 0.120 | 0.000 | • | -0.025 | 0.00 | 38.76 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.87 | 20.75 | | 32037 |
| | | | | . IG CCI IGI | 1 | | max | 0.218 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | bewein ung | 2 | | max | 0.194 | 38.76 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | Zugzone | | 37.17 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | | | | | | 3/.1/ | 0.12 | 170.1 | 0.500 | 0.000 | 0.043 | 0.4/ |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1052 | 0.000 | 2 | 1426 | 0.0 | 88.02 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.47 | | | |
| | | | | | _ | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | - | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 161.84 | 0.00 | | -0.804 | -0.87 | -0.20 | 0.024 | 1934 |
| | 0.000 | | 1423 | 0.096 | 0.120 | 0.000 | • | -0.025 | 0.00 | 38.76 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.87 | 30.70 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.218 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | bewein ung | ۷ | | max | 0.194 | 38.76 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.76 | 476.85 | | 23.76 |
| | | | | Zugzone | | 37.17 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 88.02 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.045 | 1934 |
| | 0.000 | | 1430 | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.47 | 21.00 | | 32837 |
| | | | | macer tat | _ | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | 2 | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| 1052 | 0.997 | 2 | 1421 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| 1032 | 0.557 | | 1721 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.50 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Dewein ung | _ | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.48 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 3.337 | _ | | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | | | 32037 |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.11 | | | |
| | | | | bewein ung | _ | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | 20020110 | | 20.48 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | U.U. | 1934 |
| | 3.33, | | 25 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.48 | | | 32037 |
| | | | | . IG CCI IGI | 1 | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | 2 | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.48 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | | | | | | 20.40 | 0.00 | 170.1 | 0.500 | 0.000 | 0.024 | 0.47 |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|----------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1052 | 0.997 | 2 | 1426 | 0.0 | 158.89 | 0.00 | | -0.804 | -0.85 | -0.20 | | 1934 |
| | | | | 0.095 | 0.118 | 0.000 | | -0.025 | 0.00 | 38.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.85 | | | |
| | | | | | | | max | 0.214 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.190 | 38.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 36.50 | 0.11 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 160.86 | 0.00 | | -0.804 | -0.86 | -0.20 | | 1934 |
| | | _ | | 0.096 | 0.119 | 0.000 | | -0.025 | 0.00 | 38.53 | | 32837 |
| | | | | Material | 1 | | min | | -0.86 | | | |
| | | | | | _ | | max | 0.217 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | James III am B | _ | | max | 0.193 | 38.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.53 | 476.85 | | 23.76 |
| | | | | Zugzone | | 36.95 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 87.23 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.043 | 1934 |
| | 0.337 | _ | 1.50 | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 20.89 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.47 | 20.05 | | 32037 |
| | | | | lucci Iui | - | | max | 0.118 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ding | ۷ | | max | 0.104 | 20.89 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 20.89 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.03 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| 1053 | 0.000 | 2 | 1421 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.023 | 1934 |
| 1033 | 0.000 | | 1721 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.50 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Dewein ding | _ | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.48 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 5.000 | _ | 1-722 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.50 | | 52057 |
| | | | | . Id cci Idi | 1 | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.11 | | | |
| | | | | Dewein ding | _ | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | _4620110 | | 20.48 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 89.19 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 5.000 | | 1-727 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.48 | 21.50 | | 52057 |
| | | | | riacci tat | 1 | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | beweill ulig | 2 | | max | 0.107 | 21.36 | | | |
| | | | | 71107000 | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | | | 198.1 | 0.500 | | 0.024 | 0.47 ¹ |
| | | | | | | 20.48 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.4/1 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|----------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1053 | 0.000 | 2 | 1426 | 0.0 | 158.90 | 0.00 | | -0.804 | -0.85 | -0.20 | | 1934 |
| | | | | 0.095 | 0.118 | 0.000 | | -0.025 | 0.00 | 38.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.85 | | | |
| | | | | | | | max | 0.214 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.190 | 38.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 36.50 | 0.11 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 160.86 | 0.00 | | -0.804 | -0.86 | -0.20 | | 1934 |
| | | _ | | 0.096 | 0.119 | 0.000 | | -0.025 | 0.00 | 38.53 | | 32837 |
| | | | | Material | 1 | | min | | -0.86 | | | |
| | | | | | _ | | max | 0.217 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | James III am B | _ | | max | 0.193 | 38.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.53 | 476.85 | | 23.76 |
| | | | | Zugzone | | 36.95 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 87.23 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.043 | 1934 |
| | 0.000 | _ | 1.50 | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 20.89 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.47 | 20.05 | | 32037 |
| | | | | lucci Iui | - | | max | 0.118 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Deweill dilg | | | max | 0.104 | 20.89 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 20.89 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.03 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| 1053 | 0.997 | 2 | 1421 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| 1033 | 0.557 | _ | 1721 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.013 | -0.46 | 201.5 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Dewein ding | _ | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 3.337 | _ | ± +44 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.013 | -0.46 | 20.43 | | 32037 |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.10 | | | |
| | | | | Dewein ding | _ | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.83 | | 23.76 |
| | | | | _4620110 | | 19.59 | 0.06 | | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 0.557 | | 1-727 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.43 | | 52057 |
| | | | | riacci tat | 1 | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | beweill ulig | 2 | | max | 0.102 | 20.43 | | | |
| | | | | 71107000 | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | | | 198.1 | 0.500 | | 0.023 | 0.47 ¹ |
| | | | | | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.4/1 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|----------------|--------------|---------------|-------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | g | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1053 | 0.997 | 2 | 1426 | 0.0 | 151.64 | 0.00 | | -0.804 | -0.81 | -0.19 | | 1934 |
| | | | | 0.090 | 0.112 | 0.000 | | -0.024 | 0.00 | 36.32 | | 32837 |
| | | | | Material | 1 | | min | -0.024 | -0.81 | | | |
| | | | | | _ | | max • | 0.204 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | 7 | | 0 500 | max | 0.182 | 36.32 | 476 05 | | 22.76 |
| | | | | Zugzone | | 0.508 34.83 | 10.0 0.11 | 0.00 198.1 | 0.500 | 476.85 | 0.041 | 23.76 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 153.85 | 0.00 | | -0.804 | -0.83 | -0.19 | 0.041 | 1934 |
| | 0.997 | 2 | 1429 | 0.092 | 0.114 | 0.000 | | -0.024 | 0.00 | 36.85 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.024 | -0.83 | 30.63 | | 32037 |
| | | | | nacei iai | 1 | | max | 0.207 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | Dewelli diig | _ | | max | 0.184 | 36.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 36.85 | 476.85 | | 23.76 |
| | | | | Lugzone | | 35.34 | 0.11 | 198.1 | 0.500 | 0.000 | 0.041 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 83.10 | 0.00 | | -0.804 | -0.45 | -0.10 | 010.1 | 1934 |
| | | | | 0.049 | 0.062 | 0.000 | | -0.013 | 0.00 | 19.90 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.45 | | | |
| | | | | | | | max | 0.112 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | | | | max | 0.100 | 19.90 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.90 | 476.83 | | 23.76 |
| | | | | | | 19.09 | 0.06 | 198.1 | 0.500 | 0.000 | 0.022 | 0.471 |
| 1054 | 0.000 | 2 | 1421 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | | 1934 |
| | | | | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | | min | | -0.46 | | | |
| | | | | D b | 2 | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | 7.1.07.000 | | 0.508 | max 10.0 | 0.102 | 20.43 | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 0.000 | _ | 1722 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.013 | -0.46 | 20.43 | | 32037 |
| | | | | | • | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | | | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47¹ |
| | 0.000 | 2 | 1425 | 0.0 | 85.30 | 0.00 | | -0.804 | -0.46 | -0.10 | | 1934 |
| | | | | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.46 | | | |
| | | | | | | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | | | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.471 |

Model

| Stab X[m] QNr Lef | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Separation | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| 1054 0.000 2 1426 0.0 151.64 0.000 0.0 | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| 1054 0.000 2 1426 0.0 151.64 0.00 -0.804 0.81 .0019 .012 .0000 .0024 0.000 .0024 0.000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .0000 .0024 .00000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 | | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| Material 1 | 1054 | 0.000 | 2 | 1426 | 0.0 | 151.64 | 0.00 | | -0.804 | -0.81 | -0.19 | | 1934 |
| Bewehrung 2 | | | | | 0.090 | 0.112 | 0.000 | | -0.024 | 0.00 | 36.32 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.024 | -0.81 | | | |
| Note | | | | | | | | max | 0.204 | 0.00 | | | |
| Note | | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | | max | 0.182 | 36.32 | | | |
| | | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 36.32 | 476.85 | | 23.76 |
| | | | | | | | 34.83 | 0.11 | 198.1 | 0.500 | 0.000 | 0.041 | 0.47 ¹ |
| Material 1 | | 0.000 | 2 | 1429 | 0.0 | 153.85 | 0.00 | | -0.804 | -0.83 | -0.19 | | 1934 |
| Material 1 | | | | | 0.092 | 0.114 | 0.000 | | -0.024 | 0.00 | 36.85 | | 32837 |
| Bewehrung 2 | | | | | | | | min | | -0.83 | | | |
| Bewehrung 2 | | | | | | | | max | 0.207 | 0.00 | | | |
| Material | | | | | Bewehrung | 2 | | min | -0.001 | | | | |
| No. | | | | | | | | | 1 | | | | |
| | | | | | Zugzone | | 0.508 | | | | 476.85 | | 23.76 |
| 0.000 2 | | | | | | | 35.34 | | | | | 0.041 | 0.47 ¹ |
| 0.049 0.062 0.000 min -0.013 0.00 19.90 32837 | | 0.000 | 2 | 1430 | 0.0 | 83.10 | | | | | | | |
| Material 1 | | | | | 0.049 | 0.062 | 0.000 | | _ | | 19.90 | | |
| Bewehrung 2 | | | | | | | | min | | -0.45 | | | |
| Bewehrung 2 | | | | | | | | max | | | | | |
| Max 0.100 19.90 | | | | | Bewehrung | 2 | | | | | | | |
| Tugzone | | | | | | | | max | | | | | |
| 19.09 | | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| 1054 | | | | | | | 19.09 | 0.06 | | | | 0.022 | |
| Material 1 | 1054 | 0.997 | 2 | 1421 | 0.0 | 78.08 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| Bewehrung 2 | | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.012 | -0.42 | | | |
| Max 0.093 18.70 23.76 17.93 0.06 198.1 0.500 0.000 0.021 0.471 0.997 2 1422 0.0 78.08 0.000 -0.804 -0.42 -0.09 1934 0.047 0.058 0.000 min -0.012 -0.42 max 0.105 0.000 max 0.093 18.70 0.091 0.471 0.997 2 1425 0.0 78.08 0.000 -0.804 -0.42 -0.09 0.021 0.471 0.997 0.097 0.047 0.058 0.000 -0.804 -0.42 -0.09 0.000 0.021 0.471 0.097 0.058 0.000 -0.804 -0.42 -0.09 0.000 0.021 0.471 0.058 0.000 -0.804 -0.42 -0.09 0.000 0.021 0.471 0.058 0.000 0.000 0.021 0.471 0.058 0.000 | | | | | | | | max | 0.105 | 0.00 | | | |
| Max 0.093 18.70 20.00 | | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| 17.93 | | | | | | | | max | 0.093 | 18.70 | | | |
| 17.93 | | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 18.70 | 476.82 | | 23.76 |
| 0.997 2 1422 0.0 78.08 0.00 -0.804 -0.42 -0.09 1934 0.047 0.058 0.000 min -0.012 -0.42 max 0.105 0.000 0.997 2 1425 0.0 78.08 0.00 min -0.000 -0.09 0.997 2 1425 0.0 78.08 0.00 -0.804 -0.42 -0.09 0.997 2 1425 0.0 78.08 0.00 -0.804 -0.42 -0.09 0.047 0.058 0.000 min -0.012 -0.42 -0.09 0.047 0.058 0.000 min -0.012 -0.42 0.047 0.058 0.000 min -0.012 -0.42 0.048 0.049 0.058 0.000 min -0.000 -0.09 0.049 0.058 0.000 max 0.093 18.70 0.040 0.058 0.000 18.70 476.82 23.76 0.040 0.058 0.000 0.000 18.70 476.82 23.76 0.040 0.058 0.000 0.000 18.70 476.82 23.76 0.040 0.058 0.000 0.000 18.70 476.82 23.76 0.041 0.058 0.000 0.000 18.70 476.82 23.76 0.042 0.058 0.000 0.000 18.70 476.82 23.76 0.043 0.058 0.000 0.000 18.70 476.82 23.76 0.044 0.058 0.000 0.000 0.000 0.000 0.000 0.047 0.058 0.000 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 0.041 0.058 0.000 0.000 | | | | | | | 17.93 | 0.06 | 198.1 | | | 0.021 | 0.47 ¹ |
| Material 1 | | 0.997 | 2 | 1422 | 0.0 | 78.08 | | | | | -0.09 | | |
| Material 1 | | | | | 0.047 | | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| Bewehrung 2 | | | | | | | | min | | | | | |
| Bewehrung 2 min -0.000 -0.09 max 0.093 18.70 | | | | | | | | max | 0.105 | 0.00 | | | |
| Max 0.093 18.70 | | | | | Bewehrung | 2 | | min | | | | | |
| Zugzone | | | | | | | | max | 0.093 | 18.70 | | | |
| 17.93 | | | | | Zugzone | | 0.508 | 10.0 | | | 476.82 | | 23.76 |
| 0.047 0.058 0.000 -0.012 0.00 18.70 Material 1 min -0.012 -0.42 -0.42 -0.42 -0.42 -0.00 max -0.105 -0.00 -0.09 -0.00 -0.0 | | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.471 |
| 0.047 0.058 0.000 -0.012 0.00 18.70 Material 1 min -0.012 -0.42 -0.42 -0.42 -0.42 -0.00 max -0.105 -0.00 -0.09 -0.00 -0.0 | | 0.997 | 2 | 1425 | 0.0 | 78.08 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| Max 0.105 0.00 | | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| Max 0.105 0.00 | | | | | Material | 1 | | min | -0.012 | -0.42 | | | |
| Bewehrung 2 min -0.000 -0.09 max 0.093 18.70 Zugzone 0.508 10.0 0.00 18.70 476.82 23.76 | | | | | | | | max | | | | | |
| max 0.093 18.70 | | | | | Bewehrung | 2 | | min | | | | | |
| Zugzone 0.508 10.0 0.00 18.70 476.82 23.76 | | | | | | | | | | | | | |
| | | | | | Zugzone | | 0.508 | 10.0 | | | 476.82 | | 23.76 |
| | | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.471 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1054 | 0.997 | 2 | 1426 | 0.0 | 138.36 | 0.00 | | -0.804 | -0.74 | -0.17 | | 1934 |
| | | | | 0.082 | 0.103 | 0.000 | | -0.022 | 0.00 | 33.14 | | 32837 |
| | | | | Material | 1 | | min | -0.022 | -0.74 | | | |
| | | | | | | | max | 0.187 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | 0.166 | 33.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 33.14 | 476.84 | | 23.76 |
| | | | | | | 31.78 | 0.10 | 198.1 | 0.500 | 0.000 | 0.037 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 140.82 | 0.00 | | -0.804 | -0.76 | -0.17 | | 1934 |
| | | | | 0.084 | 0.104 | 0.000 | | -0.022 | 0.00 | 33.73 | | 32837 |
| | | | | Material | 1 | | min | | -0.76 | | | |
| | | | | | | | max | 0.190 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | 0.169 | 33.73 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 32.34 | 0.10 | 198.1 | 0.500 | 0.000 | 0.038 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 75.62 | 0.00 | - | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.056 | 0.000 | | -0.012 | 0.00 | 18.11 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | | | | max | 0.102 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.091 | 18.11 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 17.37 | 0.05 | 198.1 | 0.500 | 0.000 | 0.020 | 0.47 ¹ |
| 1055 | 0.000 | 2 | 1421 | 0.0 | 78.08 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.093 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 17.93 | 0.06 | | 0.500 | 0.000 | 0.021 | 0.47¹ |
| | 0.000 | 2 | 1422 | 0.0 | 78.08 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.093 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 78.08 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.093 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Stab x[m] QNr LF Ni Myi Mzi yn zn σ-min σ | -s σ-t Ey-eff |
|--|---------------------|
| [kN] [kNm] [kNm] [m] [m] [MPa] [MPa | a] [MPa] [MPa] |
| ε-0 ky kz fact ε σ-max σ | -s σ-t Ez-eff |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa | a] [MPa] [MPa] |
| Bezeichnung h[m] D[mm] w[mm] σ σ- | sr a[m] As-eff[cm2] |
| | -] k4[-] ρ-eff[o/o] |
| 1055 0.000 2 1426 0.0 138.36 0.000.804 -0.74 -0. | 1934 |
| 0.082 0.103 0.000 -0.022 0.00 33. | 14 32837 |
| Material 1 min -0.022 -0.74 | |
| max 0.187 0.00 | |
| | |
| max 0.166 33.14 | |
| Zugzone 0.508 10.0 0.00 33.14 476. | 23.76 |
| 31.78 0.10 198.1 0.500 0.0 | 00 0.037 0.471 |
| 0.000 2 1429 0.0 140.82 0.000.804 -0.76 -0. | 17 1934 |
| 0.084 0.104 0.000 -0.022 0.00 33. | 73 32837 |
| Material 1 min -0.022 -0.76 | |
| max 0.190 0.00 | |
| | |
| max 0.169 33.73 | |
| Zugzone 0.508 10.0 0.00 33.73 476. | 23.76 |
| 32.34 0.10 198.1 0.500 0.0 | |
| 0.000 2 1430 0.0 75.62 0.000.804 -0.41 -0.0 | |
| 0.045 0.056 0.000 -0.012 0.00 18. | 32837 |
| Material 1 min -0.012 -0.41 | |
| max 0.102 0.00 | |
| | |
| max 0.091 18.11 | |
| Zugzone 0.508 10.0 0.00 18.11 476. | 32 23.76 |
| 17.37 0.05 198.1 0.500 0.0 | |
| 1055 0.997 2 1421 0.0 67.51 0.000.804 -0.36 -0.4 | 08 1934 |
| 0.040 0.050 0.000 -0.011 0.00 16. | 17 32837 |
| Material 1 min -0.011 -0.36 | |
| max 0.091 0.00 | |
| | |
| max 0.081 16.17 | |
| Zugzone 0.508 10.0 0.00 16.17 476. | 32 23.76 |
| 15.51 0.05 198.1 0.500 0.0 | 00 0.018 0.471 |
| 0.997 2 1422 0.0 67.51 0.000.804 -0.36 -0. | |
| 0.040 0.050 0.000 -0.011 0.00 16. | 17 32837 |
| Material 1 min -0.011 -0.36 | |
| max 0.091 0.00 | |
| | |
| max 0.081 16.17 | |
| Zugzone 0.508 10.0 0.00 16.17 476. | 32 23.76 |
| 15.51 0.05 198.1 0.500 0.0 | 00 0.018 0.471 |
| 0.997 2 1425 0.0 67.51 0.000.804 -0.36 -0.1 | 98 1934 |
| 0.040 0.050 0.000 -0.011 0.00 16. | 17 32837 |
| Material 1 min -0.011 -0.36 | |
| max 0.091 0.00 | |
| | |
| | |
| max 0.081 16.17 | |
| Zugzone 0.508 10.0 0.00 16.17 476.3 | 32 23.76 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|---------------|-------|--------|----------------|----------------|-------|---------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1055 | 0.997 | 2 | 1426 | 0.0 | 119.06 | 0.00 | | -0.804 | -0.64 | -0.15 | | 1934 |
| | | | | 0.071 | 0.088 | 0.000 | | -0.019 | 0.00 | 28.51 | | 32837 |
| | | | | Material | 1 | | min | | -0.64 | | | |
| | | | | | | | max | 0.160 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | - | | 0 500 | max | 0.143 | 28.51 | 476 04 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 28.51 | | 0 022 | 23.76 |
| | 0.997 | 2 | 1420 | 0.0 | 121.76 | 27.35 | 0.09 | 198.1 | 0.500 | 0.000 -0.15 | 0.032 | 0.47 ¹ 1934 |
| | 0.997 | 2 | 1429 | 0.073 | 0.090 | 0.000 | | -0.019 | 0.00 | 29.16 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.65 | 29.10 | | 32037 |
| | | | | macer Tal | | | max | 0.164 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | Deweill dilg | | | max | 0.146 | 29.16 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.16 | 476.84 | | 23.76 |
| | | | | Lugzone | | 27.97 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 64.81 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.048 | 0.000 | | -0.010 | 0.00 | 15.52 | | 32837 |
| | | | | Material | 1 | | min | | -0.35 | | | |
| | | | | | | | max | 0.087 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.078 | 15.52 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.52 | 476.82 | | 23.76 |
| | | | | | | 14.89 | 0.05 | 198.1 | 0.500 | 0.000 | 0.017 | 0.471 |
| 1056 | 0.000 | 2 | 1421 | 0.0 | 67.51 | 0.00 | | -0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | | min | | -0.36 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | - | | 0 500 | max | 0.081 | 16.17 | 476 00 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | 0.010 | 23.76 |
| | 0.000 | 2 | 1422 | 0.0 | 67.51 | 15.51 0.00 | 0.05 | 198.1 | 0.500 -0.36 | 0.000 -0.08 | 0.018 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1422 | 0.040 | 0.050 | 0.000 | | -0.804 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.36 | 10.17 | | 32637 |
| | | | | . Idect Tal | 1 | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | bewein ung | _ | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 67.51 | 0.00 | | -0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.36 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |

Model

Dehnungszustand

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1056 | 0.000 | 2 | 1426 | 0.0 | 119.06 | 0.00 | | -0.804 | -0.64 | -0.15 | | 1934 |
| | | | | 0.071 | 0.088 | 0.000 | | -0.019 | 0.00 | 28.51 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.64 | | | |
| | | | | | | | max | 0.160 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.143 | 28.51 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 28.51 | 476.84 | | 23.76 |
| | | | | | | 27.35 | 0.09 | 198.1 | 0.500 | 0.000 | 0.032 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 121.76 | 0.00 | | -0.804 | -0.65 | -0.15 | | 1934 |
| | | | | 0.073 | 0.090 | 0.000 | | -0.019 | 0.00 | 29.16 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.65 | | | |
| | | | | | | | max | 0.164 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.146 | 29.16 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.16 | 476.84 | | 23.76 |
| | | | | | | 27.97 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.471 |
| | 0.000 | 2 | 1430 | 0.0 | 64.81 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.048 | 0.000 | | -0.010 | 0.00 | 15.52 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.35 | | | |
| | | | | | | | max | 0.087 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.078 | 15.52 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.52 | 476.82 | | 23.76 |
| | | | | | | 14.89 | 0.05 | 198.1 | 0.500 | 0.000 | 0.017 | 0.471 |
| 1056 | 0.997 | 2 | 1421 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | | 1934 |
| | | | | 0.032 | 0.040 | 0.000 | | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | | min | -0.008 | -0.29 | | | |
| | | | | | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | | | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 12.31 | 0.04 | | 0.500 | 0.000 | 0.014 | 0.471 |
| | 0.997 | 2 | 1422 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | | 1934 |
| | | | | 0.032 | 0.040 | 0.000 | | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | | | -0.008 | -0.29 | | | |
| | | | | | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | | | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 12.84 | | | 23.76 |
| | | | | | | 12.31 | 0.04 | | 0.500 | 0.000 | 0.014 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | | 1934 |
| | | | | 0.032 | 0.040 | 0.000 | | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | | min | | -0.29 | | | |
| | | | | _ | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | _ | | | max | 0.064 | 12.84 | 4= | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 12.31 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47¹ |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------------------------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1056 | 0.997 | 2 | 1426 | 0.0 | 93.73 | 0.00 | | -0.804 | -0.50 | -0.11 | | 1934 |
| | | | | 0.056 | 0.069 | 0.000 | | -0.015 | 0.00 | 22.45 | | 32837 |
| | | | | Material | 1 | | min | | -0.50 | | | |
| | | | | | _ | | max | 0.126 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Jenem ung | _ | | max | 0.112 | 22.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 21.53 | 0.07 | 198.1 | 0.500 | 0.000 | 0.025 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 96.67 | 0.00 | | -0.804 | -0.52 | -0.12 | 0.023 | 1934 |
| | 0.557 | | 1723 | 0.058 | 0.072 | 0.000 | • | -0.015 | 0.00 | 23.15 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.015 | -0.52 | 23.13 | | 32037 |
| | | | | I I I I I I I I I I I I I I I I I I I | | | max | 0.130 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.116 | 23.15 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 22.20 | 0.07 | 198.1 | 0.500 | 0.000 | 0.026 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 50.66 | 0.00 | | -0.804 | -0.27 | -0.06 | 0.020 | 1934 |
| | 0.557 | | 1430 | 0.030 | 0.038 | 0.000 | | -0.008 | 0.00 | 12.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.008 | -0.27 | 12.13 | | 32637 |
| | | | | riacei Tai | | | max | 0.068 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | bewein ung | 2 | | max | 0.061 | 12.13 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 11.63 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| 1057 | 0.000 | 2 | 1421 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | 0.014 | 1934 |
| 1037 | 0.000 | | 1721 | 0.032 | 0.040 | 0.000 | • | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.29 | 12.04 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | Dewein ding | _ | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 12.31 | 0.04 | 198.1 | 0.500 | | 0.014 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | 0.014 | 1934 |
| | 3.000 | _ | | 0.032 | 0.040 | 0.000 | • | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.29 | | | 32037 |
| | | | | | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | _ chain ang | | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 12.31 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 53.60 | 0.00 | | -0.804 | -0.29 | -0.06 | | 1934 |
| | 2.300 | | | 0.032 | 0.040 | 0.000 | • | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.008 | -0.29 | | | |
| | | | | | - | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | Jenem ung | | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | _4623110 | | 12.31 | 0.04 | 198.1 | 0.500 | | 0.014 | 0.47 ¹ |
| | | | | | | 12.71 | 0.04 | 1,0.1 | 0.500 | 0.000 | 0.014 | 0.47 |

Model

Dehnungszustand

| Stab x[m] QNr LF Ni [kNm] [kNm] [m] [m] [m] [MPa] [Mpa |
|--|
| See Ky Ky Kz Fact Se See S |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] Bezeichnus h[m] b[mm] w[mm] c k2[-] k3[-] k4[-] p-eff[c/o] |
| Note |
| 1057 0.000 2 1426 0.0 93.73 0.00 -0.804 -0.50 -0.11 1934 |
| 1057 0.000 2 1426 0.0 93.73 0.00 -0.804 -0.50 0.11 1934 1934 |
| 0.056 |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| Max 0.112 22.45 |
| Zugzone |
| |
| 0.000 2 1429 0.0 96.67 0.00 -0.804 -0.52 -0.12 1934 0.058 0.072 0.000 min -0.015 -0.52 Material 1 max 0.130 0.00 Bewehrung 2 max 0.116 23.15 Zugzone 0.508 10.0 0.00 23.15 476.83 23.76 0.000 2 1430 0.0 50.66 0.00 -0.804 -0.27 -0.06 1934 0.030 0.038 Material 1 min -0.008 -0.27 max 0.008 0.00 Bewehrung 2 min -0.008 -0.27 max 0.068 0.00 Bewehrung 2 min -0.000 -0.06 max 0.061 12.13 Zugzone 0.508 10.0 0.00 12.13 476.82 23.76 2 2 2 2 2 2 2 2 2 |
| 0.058 0.072 0.000 -0.015 0.00 23.15 32837 |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 min -0.001 -0.12 max 0.116 23.15 |
| Max 0.116 23.15 |
| Zugzone |
| 22.20 0.07 198.1 0.500 0.000 0.026 0.471 0.000 2 1430 0.0 50.66 0.00 -0.804 -0.27 -0.06 1934 0.030 0.038 0.000 min -0.008 0.00 0.026 0.471 32837 0.068 0.000 0.000 0.000 |
| 0.000 2 1430 0.0 50.66 0.000.804 -0.27 -0.06 1934 0.030 0.038 0.000 |
| 0.030 0.038 0.000 -0.008 0.00 12.13 32837 Material 1 min -0.008 -0.27 max 0.068 0.00 min -0.000 -0.06 max 0.061 12.13 0.061 12.13 23.76 Zugzone 0.508 10.0 0.00 12.13 476.82 23.76 |
| Material 1 min -0.008 -0.27 max 0.068 0.00 max 0.068 0.00 Bewehrung 2 min -0.000 -0.06 max 0.061 12.13 Zugzone 0.508 10.0 0.00 12.13 476.82 23.76 |
| Bewehrung 2 min -0.000 -0.06 max 0.061 12.13 Zugzone 0.508 10.0 0.00 12.13 476.82 23.76 |
| max 0.061 12.13 |
| Zugzone 0.508 10.0 0.00 12.13 476.82 23.76 |
| |
| |
| 11.63 0.04 198.1 0.500 0.000 0.014 0.471 |
| 1057 0.997 2 1421 0.0 36.35 0.000.804 -0.20 -0.04 1934 |
| 0.022 0.027 0.000 -0.006 0.00 8.71 32837 |
| |
| max 0.049 0.00 |
| Bewehrung 2 min -0.000 -0.04 |
| |
| Zugzone 0.508 10.0 0.00 8.71 476.81 23.76 8.35 0.03 198.1 0.500 0.000 0.010 0.471 |
| 0.997 2 1422 0.0 36.35 0.000.804 -0.20 -0.04 1934 |
| 0.022 0.027 0.000 -0.006 0.00 8.71 32837 |
| |
| max 0.049 0.00 |
| |
| max 0.044 8.71 |
| Zugzone 0.508 10.0 0.00 8.71 476.81 23.76 |
| 8.35 0.03 198.1 0.500 0.000 0.010 0.471 |
| 0.997 2 1425 0.0 36.35 0.000.804 -0.20 -0.04 1934 |
| 0.022 0.027 0.000 -0.006 0.00 8.71 32837 |
| Material 1 min -0.006 -0.20 |
| max 0.049 0.00 |
| |
| |
| max 0.044 8.71 |
| |

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Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|--------------|----------------|--------|------------|------------------|---------------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1057 | 0.997 | 2 | 1426 | 0.0 | 62.38 | 0.00 | | -0.804 | -0.34 | -0.08 | | 1934 |
| | | | | 0.037 | 0.046 | 0.000 | | -0.010 | 0.00 | 14.94 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.34 | | | |
| | | | | | | | max | 0.084 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | _ | | | max | 0.075 | 14.94 | 474 00 | | 00.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 14.94 | 476.82 | 0 047 | 23.76 |
| | 0.007 | 1 | 1420 | 0.0 | CF FC | 14.33 | 0.04 | 198.1 | 0.500 | 0.000 | 0.017 | 0.471 |
| | 0.997 | 2 | 1429 | 0.0 | 65.56 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.049 | 0.000 | min | -0.010 -0.010 | 0.00 -0.35 | 15.70 | | 32837 |
| | | | | Material | 1 | | min | 0.088 | 0.00 | | | |
| | | | | Bewehrung | 2 | | max min | -0.000 | -0.08 | | | |
| | | | | bewein ung | 2 | | max | 0.079 | 15.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.70 | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.06 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | 33.16 | 0.00 | | -0.804 | -0.18 | -0.04 | 0.010 | 1934 |
| | 0.557 | _ | 1430 | 0.020 | 0.025 | 0.000 | | -0.005 | 0.00 | 7.94 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.18 | ,,,,, | | 32037 |
| | | | | | _ | | max | 0.045 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | _ | | max | 0.040 | 7.94 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 7.94 | 476.81 | | 23.76 |
| | | | | | | 7.62 | 0.02 | 198.1 | 0.500 | 0.000 | 0.009 | 0.47¹ |
| 1058 | 0.000 | 2 | 1421 | 0.0 | 36.35 | 0.00 | -: | -0.804 | -0.20 | -0.04 | | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | | 0.500 | 0.000 | 0.010 | 0.471 |
| | 0.000 | 2 | 1422 | 0.0 | 36.35 | 0.00 | | -0.804 | -0.20 | -0.04 | | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | D | _ | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | 7 | | 0.500 | max | 0.044 | 8.71 | 476 06 | | 22.75 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | | 0.010 | 23.76 |
| | 0.000 | - | 1425 | 0 0 | 26.25 | 8.35 | 0.03 | 198.1 | 0.500 | -0.04 | 0.010 | 0.471 |
| | 0.000 | 2 | 1425 | 0.022 | 36.35 0.027 | 0.00 | | -0.804 -0.006 | -0.20 0.00 | 8.71 | | 1934 32837 |
| | | | | Material | | 0.000 | min | | -0.20 | 0./1 | | 32837 |
| | | | | marei, 191 | 1 | | | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | max min | -0.000 | -0.04 | | | |
| | | | | Deweill ulig | 2 | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | Lugzone | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | | | | | | 0.55 | 0.03 | 1,0.1 | 0.500 | 0.000 | 0.010 | 0.47 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|----------------|--------------|---------------|----------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1058 | 0.000 | 2 | 1426 | 0.0 | 62.38 | 0.00 | | -0.804 | -0.34 | -0.08 | | 1934 |
| | | | | 0.037 | 0.046 | 0.000 | | -0.010 | 0.00 | 14.94 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.34 | | | |
| | | | | | _ | | max • | 0.084 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | 7 | | 0 500 | max | 0.075 | 14.94 | 476 00 | | 22.76 |
| | | | | Zugzone | | 0.508 14.33 | 10.0 0.04 | 0.00 198.1 | 14.94 0.500 | 476.82 | 0.017 | 23.76 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 65.56 | 0.00 | | -0.804 | -0.35 | -0.08 | 0.017 | 1934 |
| | 0.000 | | 1429 | 0.039 | 0.049 | 0.000 | | -0.010 | 0.00 | 15.70 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.010 | -0.35 | 15.76 | | 32837 |
| | | | | nacei iai | | | max | 0.088 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Dewein ung | _ | | max | 0.079 | 15.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.06 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 33.16 | 0.00 | | -0.804 | -0.18 | -0.04 | 0.020 | 1934 |
| | | | | 0.020 | 0.025 | 0.000 | | -0.005 | 0.00 | 7.94 | | 32837 |
| | | | | Material | 1 | | min | -0.005 | -0.18 | | | |
| | | | | | | | max | 0.045 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.040 | 7.94 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 7.94 | 476.81 | | 23.76 |
| | | | | | | 7.62 | 0.02 | 198.1 | 0.500 | 0.000 | 0.009 | 0.471 |
| 1058 | 0.997 | 2 | 1421 | 0.0 | 15.76 | 0.00 | | -0.804 | -0.08 | -0.02 | | 1934 |
| | | | | 0.009 | 0.012 | 0.000 | | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | D l | 2 | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.019 | 3.78 | 476.81 | | 23.76 |
| | | | | Zugzone | | 3.62 | 0.01 | 0.00 198.1 | 0.500 | 0.000 | 0.004 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 15.76 | 0.00 | | -0.804 | -0.08 | -0.02 | 0.004 | 1934 |
| | 0.557 | _ | 1722 | 0.009 | 0.012 | 0.000 | • | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.08 | 3.70 | | 32037 |
| | | | | | _ | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | | | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.47¹ |
| | 0.997 | 2 | 1425 | 0.0 | 15.76 | 0.00 | | -0.804 | -0.08 | -0.02 | | 1934 |
| | | | | 0.009 | 0.012 | 0.000 | | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | | | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.471 |

Model

| Stab x[m] QNr LF Ni Myi Mzi yn zn o-min o-s [kN] [kNm] [kNm] [m] [m] [MPa] [MPa] | | Ey-eff |
|---|---------|-------------------|
| | 4 | |
| | [MPa] | [MPa] |
| ε-0 ky kz fact ε σ-max σ-s | σ-t | Ez-eff |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa] |] [MPa] | [MPa] |
| Bezeichnung h[m] D[mm] w[mm] σ σ-sr | a[m] | As-eff[cm2] |
| |] k4[-] | ρ-eff[o/o] |
| 1058 0.997 2 1426 0.0 25.00 0.000.804 -0.13 -0.03 | 3 | 1934 |
| 0.015 0.019 0.000 -0.004 0.00 5.99 |) | 32837 |
| Material 1 min -0.004 -0.13 | | |
| max 0.034 0.00 | | |
| | | |
| max 0.030 5.99 | | |
| Zugzone 0.508 10.0 0.00 5.99 476.81 | Ĺ | 23.76 |
| 5.74 0.02 198.1 0.500 0.000 | 0.007 | 0.47 ¹ |
| 0.997 2 1429 0.0 28.43 0.000.804 -0.15 -0.03 | 3 | 1934 |
| 0.017 0.021 0.000 -0.004 0.00 6.81 | Ĺ | 32837 |
| Material 1 min -0.004 -0.15 | | |
| max 0.038 0.00 | | |
| | | |
| max 0.034 6.81 | | |
| Zugzone 0.508 10.0 0.00 6.81 476.82 | 2 | 23.76 |
| 6.53 0.02 198.1 0.500 0.000 | | 0.47 ¹ |
| 0.997 2 1430 0.0 12.33 0.000.804 -0.07 -0.01 | | 1934 |
| 0.007 0.009 0.000 -0.002 0.00 2.95 | | 32837 |
| | | |
| max 0.017 0.00 | | |
| | | |
| max 0.015 2.95 | | |
| Zugzone 0.508 10.0 0.00 2.95 476.81 | | 23.76 |
| 2.83 0.01 198.1 0.500 0.000 | | 0.47 ¹ |
| 1059 0.000 2 1421 0.0 15.76 0.000.804 -0.08 -0.02 | 2 | 1934 |
| 0.009 0.012 0.000 -0.002 0.00 3.78 | 3 | 32837 |
| Material 1 min -0.002 -0.08 | | |
| max 0.021 0.00 | | |
| | | |
| max 0.019 3.78 | | |
| Zugzone 0.508 10.0 0.00 3.78 476.81 | Ĺ | 23.76 |
| 3.62 0.01 198.1 0.500 0.000 | 0.004 | 0.47 ¹ |
| 0.000 2 1422 0.0 15.76 0.000.804 -0.08 -0.02 | | 1934 |
| 0.009 0.012 0.000 -0.002 0.00 3.78 | 3 | 32837 |
| Material 1 min -0.002 -0.08 | | |
| max 0.021 0.00 | | |
| | | |
| max 0.019 3.78 | | |
| Zugzone 0.508 10.0 0.00 3.78 476.81 | L | 23.76 |
| 3.62 0.01 198.1 0.500 0.000 | 0.004 | 0.47 ¹ |
| 0.000 2 1425 0.0 15.76 0.000.804 -0.08 -0.02 | 2 | 1934 |
| 0.009 0.012 0.000 -0.002 0.00 3.78 | 3 | 32837 |
| Material 1 min -0.002 -0.08 | | |
| max 0.021 0.00 | | |
| | | |
| max 0.019 3.78 | | |
| | L | 23.76 |
| | | |

Model

| | zustand | | | | | | | | | | | |
|------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1059 | 0.000 | 2 | 1426 | 0.0 | 25.00 | 0.00 | | -0.804 | -0.13 | -0.03 | | 1934 |
| | | | | 0.015 | 0.019 | 0.000 | | -0.004 | 0.00 | 5.99 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.13 | | | |
| | | | | | | | max | 0.034 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.030 | 5.99 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.99 | 476.81 | | 23.76 |
| | | | | | | 5.74 | 0.02 | 198.1 | 0.500 | 0.000 | 0.007 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 28.43 | 0.00 | | -0.804 | -0.15 | -0.03 | | 1934 |
| | | | | 0.017 | 0.021 | 0.000 | | -0.004 | 0.00 | 6.81 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.15 | | | |
| | | | | | | | max | 0.038 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.034 | 6.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 6.81 | 476.81 | | 23.76 |
| | | | | | | 6.53 | 0.02 | 198.1 | 0.500 | 0.000 | 0.008 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | 12.33 | 0.00 | - | -0.804 | -0.07 | -0.01 | | 1934 |
| | | | | 0.007 | 0.009 | 0.000 | | -0.002 | 0.00 | 2.95 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | 0.017 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.015 | 2.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 2.95 | 476.81 | | 23.76 |
| | | | | | | 2.83 | 0.01 | 198.1 | 0.500 | 0.000 | 0.003 | 0.47 ¹ |
| 1059 | 0.997 | 2 | 1421 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | _ | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | _ | | | max | 0.010 | 1.95 | 4= | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 1 | | 23.76 |
| | 0.000 | A. | 4.4 | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.471 |
| | 0.997 | 2 | 1425 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | David I | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | 7 | | 0.500 | max | 0.010 | 1.95 | 476 | | 22.75 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.55 | 0.000 | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1059 | 0.997 | 2 | 1426 | 0.0 | -18.41 | 0.00 | | 0.804 | -0.10 | -0.02 | | 1934 |
| | | | | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | | | max | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | | | | max | 0.022 | 4.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 4.41 | 476.81 | | 23.76 |
| | | | | | | 4.23 | 0.01 | 198.1 | 0.500 | 0.000 | 0.005 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | -18.41 | 0.00 | | 0.804 | -0.10 | -0.02 | | 1934 |
| | | | | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | | | max | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | | | | max | 0.022 | 4.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 4.41 | 476.81 | | 23.76 |
| | | | | | | 4.23 | 0.01 | 198.1 | 0.500 | 0.000 | 0.005 | 0.47 ¹ |
| 1060 | 0.000 | 2 | 1421 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | _ | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | - | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | 2 | _ | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1060 | 0.000 | 2 | 1426 | 0.0 | -18.41 | 0.00 | | 0.804 | -0.10 | -0.02 | | 1934 |
| | | | | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | _ | | max | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | Jenem ung | _ | | max | 0.022 | 4.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 4.23 | 0.01 | 198.1 | 0.500 | 0.000 | 0.005 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | -0.0 | -8.19 | 0.00 | | 0.804 | -0.04 | -0.01 | 0.003 | 1939 |
| | 0.000 | | 1423 | 0.005 | -0.006 | 0.000 | • | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.04 | 1.55 | | 32037 |
| | | | | I a c c i a i | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | Zugzone | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | -18.41 | 0.00 | 0.01 | 0.804 | -0.10 | -0.02 | 0.002 | 1934 |
| | 0.000 | | 1430 | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.10 | 4.41 | | 32837 |
| | | | | Idectiful | | | max | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | Deweill dilg | | | max | 0.022 | 4.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 4.23 | 0.01 | 198.1 | 0.500 | 0.000 | 0.005 | 0.47 ¹ |
| 1060 | 0.997 | 2 | 1421 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | 0.003 | 1934 |
| 2000 | 0.337 | _ | | 0.021 | -0.026 | 0.000 | • | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | 32037 |
| | | | | liace. Iai | - | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | Jenem ung | _ | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | - | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | |
| | | | | | _ | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.04 | | | |
| | | | | | _ | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | |
| | | | | | _ | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | | | | | | U. 1-T | 0.03 | | 3.500 | 3.000 | 3,313 | U+1/ |

Model

| Dehnungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1060 | 0.997 | 2 | 1426 | 0.0 | -67.84 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.25 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.25 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.25 | 476.82 | | 23.76 |
| | | | | | | 15.58 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.471 |
| | 0.997 | 2 | 1430 | 0.0 | -67.84 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.25 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.25 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.25 | 476.82 | | 23.76 |
| | | | | | | 15.58 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |
| 1061 | 0.000 | 2 | 1421 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.471 |
| | 0.000 | 2 | 1422 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47¹ |
| | 0.000 | 2 | 1425 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|----------------|--------------|-----------------|----------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1061 | 0.000 | 2 | 1426 | 0.0 | -67.84 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.25 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.37 | | | |
| | | | | | 2 | | max • | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | 7 | | 0 500 | max | 0.081 | 16.25 | 476 00 | | 22.76 |
| | | | | Zugzone | | 0.508 15.58 | 10.0 0.05 | 0.00 198.1 | 16.25 0.500 | 476.82 | 0.018 | 23.76 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | -35.44 | 0.00 | | 0.804 | -0.19 | -0.04 | 0.018 | 1934 |
| | 0.000 | 2 | 1429 | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.006 | -0.19 | 0.49 | | 32037 |
| | | | | riacei Tai | _ | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | Dewein ung | _ | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.81 | | 23.76 |
| | | | | Lugzone | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | -67.84 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.25 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.25 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.58 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |
| 1061 | 0.997 | 2 | 1421 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | Paulahnung | 2 | | max min | 0.089 | 0.00 -0.08 | | | |
| | | | | Bewehrung | 2 | | | -0.000 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | max 10.0 | | | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | 0.010 | 1934 |
| | 0.337 | _ | | 0.039 | -0.049 | 0.000 | • | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.36 | | | 32037 |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |

Model

Dehnungszustand

| Dehnungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|------|------------|---------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1061 | 0.997 | 2 | 1426 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.66 | | | |
| | | | | | | | max | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.148 | 29.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.53 | 476.84 | | 23.76 |
| | | | | | | 28.32 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.82 | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1430 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.66 | | | |
| | | | | | | | max | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.148 | 29.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.53 | 476.84 | | 23.76 |
| | | | | | | 28.32 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47 ¹ |
| 1062 | 0.000 | 2 | 1421 | 0.0 | -66.05 | 0.00 | - :- | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.82 | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.82 | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |
| | 0.000 | 2 | 1425 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.82 | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|---------|----------------|--------------|---------------|----------------|-----------------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1062 | 0.000 | 2 | 1426 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.66 | | | |
| | | | | | 2 | | max • | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | 7.1.07.00.0 | | ο Γοο | max | 0.148 | 29.53 | 176 94 | | 22.76 |
| | | | | Zugzone | | 0.508 28.32 | 10.0 0.09 | 0.00 198.1 | 29.53 0.500 | 476.84 0.000 | 0.033 | 23.76 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | 0.033 | 1934 |
| | 0.000 | | 1429 | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.010 | -0.36 | 15.62 | | 32037 |
| | | | | nacei iai | _ | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Dewein ung | 2 | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | 0.020 | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.66 | | | |
| | | | | | | | max | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.148 | 29.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.53 | 476.84 | | 23.76 |
| | | | | | | 28.32 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.471 |
| 1062 | 0.997 | 2 | 1421 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | | 1934 |
| | | | | 0.060 | -0.074 | 0.000 | | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | | min | -0.016 | -0.54 | | | |
| | | | | D l | 2 | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.120 | 23.95 | 476.83 | | 23.76 |
| | | | | Zugzone | | 22.97 | 0.07 | 0.00 198.1 | 0.500 | 0.000 | 0.027 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | 0.027 | 1934 |
| | 0.557 | _ | 1722 | 0.060 | -0.074 | 0.000 | • | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.016 | -0.54 | 23.33 | | 32037 |
| | | | | | _ | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | | | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.47¹ |
| | 0.997 | 2 | 1425 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | | 1934 |
| | | | | 0.060 | -0.074 | 0.000 | | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | | min | -0.016 | -0.54 | | | |
| | | | | | | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | | | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.471 |

Model

| Sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] ρ | Ey-eff [MPa] Ez-eff [MPa] 5-eff[cm2] 0-eff[o/o] 1934 32837 |
|--|---|
| E-0 ky kz fact E σ-max σ-s σ-t [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] Mea] Ez-eff [MPa] s-eff[cm2] b-eff[o/o] 1934 |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] Mean | [MPa] s-eff[cm2] b-eff[o/o] |
| Bezeichnung | o-eff[cm2] o-eff[o/o] 1934 |
| Sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] ρ | o-eff[o/o] 1934 |
| 1062 0.997 2 1426 0.0 -184.77 0.00 0.804 -0.99 -0.23 0.110 -0.137 0.000 min -0.029 -0.99 max 0.249 0.00 Bewehrung 2 max 0.221 44.25 Zugzone 0.508 10.0 0.01 44.25 476.86 42.44 0.13 198.1 0.500 0.000 0.050 | 1934 |
| 0.110 | |
| Material 1 min -0.029 -0.99 max 0.249 0.00 Bewehrung 2 min -0.001 -0.23 max 0.221 44.25 Zugzone 0.508 10.0 0.01 44.25 476.86 42.44 0.13 198.1 0.500 0.000 0.050 | 32837 |
| Bewehrung 2 max 0.249 0.00 | |
| Bewehrung 2 min -0.001 -0.23 max 0.221 44.25 Zugzone 0.508 10.0 0.01 44.25 476.86 42.44 0.13 198.1 0.500 0.000 0.050 | |
| Tugzone 0.508 10.0 0.221 44.25 476.86 42.44 0.13 198.1 0.500 0.000 0.050 | |
| Zugzone 0.508 10.0 0.01 44.25 476.86 42.44 0.13 198.1 0.500 0.000 0.050 | |
| 42.44 0.13 198.1 0.500 0.000 0.050 | |
| 42.44 0.13 198.1 0.500 0.000 0.050 | 23.76 |
| | 0.47 ¹ |
| 0.997 2 1429 0.0 -100.00 0.00 0.804 -0.54 -0.12 | 1934 |
| 0.060 -0.074 0.000 -0.016 0.00 23.95 | 32837 |
| Material 1 min -0.016 -0.54 | |
| max 0.135 0.00 | |
| | |
| max 0.120 23.95 | |
| Zugzone 0.508 10.0 0.00 23.95 476.83 | 23.76 |
| 22.97 0.07 198.1 0.500 0.000 0.027 | 0.47 ¹ |
| 0.997 2 1430 0.0 -184.77 0.00 0.804 -0.99 -0.23 | 1934 |
| 0.110 -0.137 0.000 -0.029 0.00 44.25 | 32837 |
| Material 1 min -0.029 -0.99 | |
| max 0.249 0.00 | |
| | |
| max 0.221 44.25 | |
| Zugzone 0.508 10.0 0.01 44.25 476.86 | 23.76 |
| 42.44 0.13 198.1 0.500 0.000 0.050 | 0.47 ¹ |
| 1063 0.000 2 1421 -19.3 -83.61 0.00 0.759 -0.44 -0.53 | 2373 |
| 0.038 -0.050 0.000 -0.013 0.00 15.87 | 32837 |
| Material 1 min -0.013 -0.44 | |
| max 0.090 0.00 | |
| | |
| max 0.079 15.87 | |
| Zugzone 0.508 10.0 0.00 15.87 409.86 | 23.76 |
| 15.22 0.05 198.1 0.500 0.000 0.018 | 0.47 ¹ |
| 0.000 2 1422 -56.0 -161.00 0.00 0.732 -0.84 -1.39 | 2680 |
| 0.063 -0.086 0.000 -0.024 0.00 26.57 | 32837 |
| Material 1 min -0.024 -0.84 | |
| max 0.150 0.00 | |
| | |
| max 0.133 26.57 | |
| Zugzone 0.508 10.0 0.00 26.57 372.47 | 23.76 |
| 25.48 0.08 198.1 0.500 0.000 0.030 | 0.471 |
| 0.000 2 1425 -56.0 -161.00 0.00 0.732 -0.84 -1.39 | 2680 |
| 0.063 -0.086 0.000 -0.024 0.00 26.57 | 32837 |
| | |
| Material 1 min -0.024 -0.84 | |
| | |
| Material 1 min -0.024 -0.84 | |
| Material 1 min -0.024 -0.84 max 0.150 0.00 | |
| Material 1 min -0.024 -0.84 max 0.150 0.00 Bewehrung 2 min -0.007 -1.39 | 23.76 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|---------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1063 | 0.000 | 2 | 1426 | -19.3 | -83.61 | 0.00 | | 0.759 | -0.44 | -0.53 | | 2373 |
| | | | | 0.038 | -0.050 | 0.000 | | -0.013 | 0.00 | 15.87 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.44 | | | |
| | | | | | | | max | 0.090 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | | | | max | 0.079 | 15.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.87 | 409.86 | | 23.76 |
| | | | | | | 15.22 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | -19.3 | -83.61 | 0.00 | | 0.759 | -0.44 | -0.53 | | 2373 |
| | | | | 0.038 | -0.050 | 0.000 | | -0.013 | 0.00 | 15.87 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.44 | | | |
| | | | | | | | max | 0.090 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | | | | max | 0.079 | 15.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.87 | 409.86 | | 23.76 |
| | | | | | | 15.22 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | -56.0 | -161.00 | 0.00 | - | 0.732 | -0.84 | -1.39 | | 2680 |
| | | | | 0.063 | -0.086 | 0.000 | | -0.024 | 0.00 | 26.57 | | 32837 |
| | | | | Material | 1 | | min | -0.024 | -0.84 | | | |
| | | | | | | | max | 0.150 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.007 | -1.39 | | | |
| | | | | | | | max | 0.133 | 26.57 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 26.57 | 372.47 | | 23.76 |
| | | | | | | 25.48 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.471 |
| 1063 | 1.025 | 2 | 1421 | -19.3 | -78.31 | 0.00 | | 0.758 | -0.41 | -0.50 | | 2410 |
| | | | | 0.035 | -0.047 | 0.000 | | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.41 | | | |
| | | | | | | | max | 0.083 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.50 | | | |
| | | | | | | | max | 0.073 | 14.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.60 | | 23.76 |
| | | | | | | 14.03 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.471 |
| | 1.025 | 2 | 1422 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | | 3355 |
| | | | | 0.031 | -0.045 | 0.000 | | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | | min | -0.015 | -0.51 | | | |
| | | | | | | | max | 0.076 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -1.16 | | | |
| | | | | | | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 310.10 | | 23.76 |
| | | _ | | | | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.47¹ |
| | 1.025 | 2 | 1425 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | | 3355 |
| | | | | 0.031 | -0.045 | 0.000 | | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | | min | -0.015 | -0.51 | | | |
| | | | | | | | max | 0.076 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.006 | -1.16 | | | |
| | | | | | | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.45 | | | 23.76 |
| | | | | | | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.47 ¹ |

Model

| Stab x[m] QNr LF Ni Myi Mzi yn zn σ-min | | |
|---|-------------|-------------------|
| L | σ-s σ-t | Ey-eff |
| [kNm] [kNm] [m] [m] [MPa] [| [MPa] [MPa] | [MPa] |
| ε-0 ky kz fact ε σ-max | σ-s σ-t | Ez-eff |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [| [MPa] [MPa] | [MPa] |
| Bezeichnung h[m] D[mm] w[mm] σ | σ-sr a[m] | As-eff[cm2] |
| | k3[-] k4[-] | ρ-eff[o/o] |
| 1063 1.025 2 1426 -19.3 -78.31 0.00 0.758 -0.41 | -0.50 | 2410 |
| 0.035 -0.047 0.000 -0.012 0.00 1 | 14.62 | 32837 |
| Material 1 min -0.012 -0.41 | | |
| max 0.083 0.00 | | |
| | | |
| max 0.073 14.62 | | |
| Zugzone 0.508 10.0 0.00 14.62 40 | 05.60 | 23.76 |
| | 0.000 0.016 | 0.47 ¹ |
| 1.025 2 1429 -40.6 -42.38 0.00 0.468 -0.16 - | -0.59 | 7046 |
| | 2.21 | 32837 |
| Material 1 min -0.005 -0.16 | | |
| max 0.013 0.00 | | |
| | | |
| max 0.011 2.21 | | |
| | 53.31 | 23.76 |
| | 0.000 0.002 | 0.47 ¹ |
| | -0.91 | 2410 |
| | 26.38 | 32837 |
| Material 1 min -0.022 -0.74 | | |
| max 0.149 0.00 | | |
| | | |
| max 0.132 26.38 | | |
| Zugzone 0.508 10.0 0.00 26.38 40 | 05.63 | 23.76 |
| | 0.000 0.030 | 0.47 ¹ |
| 1064 0.000 2 1421 -19.3 -78.31 0.00 0.758 -0.41 - | -0.50 | 2410 |
| 0.035 -0.047 0.000 -0.012 0.00 1 | 14.62 | 32837 |
| Material 1 min -0.012 -0.41 | | |
| max 0.083 0.00 | | |
| | | |
| max 0.073 14.62 | | |
| Zugzone 0.508 10.0 0.00 14.62 40 | 05.60 | 23.76 |
| 14.03 0.04 198.1 0.500 0 | 0.000 0.016 | 0.47 ¹ |
| | -1.16 | 3355 |
| 0.031 -0.045 0.000 -0.015 0.00 1 | 13.45 | 32837 |
| Material 1 min -0.015 -0.51 | | |
| max 0.076 0.00 | | |
| | | |
| max 0.067 13.45 | | |
| | 10.10 | 23.76 |
| | 0.000 0.015 | 0.471 |
| 0.000 2 1425 -56.0 -105.30 0.00 0.683 -0.51 - | -1.16 | 3355 |
| 0.031 -0.045 0.000 -0.015 0.00 1 | 13.45 | 32837 |
| Material 1 min -0.015 -0.51 | | |
| max 0.076 0.00 | | |
| | | |
| max 0.067 13.45 | | |
| | 10.10 | 23.76 |
| 12.90 0.04 198.1 0.500 0 | 0.000 0.015 | 0.47 ¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------------------------------|---------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng - | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1064 | 0.000 | 2 | 1426 | -19.3 | -78.31 | 0.00 | | 0.758 | -0.41 | -0.50 | | 2410 |
| | | | | 0.035 | -0.047 | 0.000 | | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | | _ | | max | 0.083 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.50 | | | |
| | | | | Jenem ung | _ | | max | 0.073 | 14.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.60 | | 23.76 |
| | | | | Zugzone | | 14.03 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | -40.6 | -42.38 | 0.00 | | 0.468 | -0.16 | -0.59 | 0.010 | 7046 |
| | 0.000 | | 1423 | 0.004 | -0.009 | 0.000 | • | -0.005 | 0.00 | 2.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.16 | 2.21 | | 32037 |
| | | | | I I I I I I I I I I I I I I I I I I I | | | max | 0.013 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.59 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.011 | 2.21 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 2.21 | 153.31 | | 23.76 |
| | | | | Zugzone | | 2.12 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.000 | 2 | 1430 | -34.7 | -141.23 | 0.00 | 0.01 | 0.758 | -0.74 | -0.91 | 0.002 | 2410 |
| | 0.000 | | 1430 | 0.064 | -0.084 | 0.000 | | -0.022 | 0.00 | 26.38 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.74 | 20.38 | | 32837 |
| | | | | riacei Tai | _ | | max | 0.149 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.005 | -0.91 | | | |
| | | | | bewein ding | ۷ | | max | 0.132 | 26.38 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.63 | | 23.76 |
| | | | | Zugzone | | 25.30 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.47 ¹ |
| 1064 | 1.025 | 2 | 1421 | -19.3 | -76.54 | 0.00 | | 0.757 | -0.40 | -0.50 | 0.030 | 2424 |
| 1004 | 1.023 | | 1721 | 0.034 | -0.045 | 0.000 | • | -0.012 | 0.00 | 14.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.40 | 14.20 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.080 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.50 | | | |
| | | | | Dewein ding | _ | | max | 0.071 | 14.20 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 403.87 | | 23.76 |
| | | | | _4620110 | | 13.62 | 0.04 | 1 | 0.500 | | 0.016 | 0.47 ¹ |
| | 1.025 | 2 | 1422 | -56.0 | -55.97 | 0.00 | | 0.434 | -0.21 | -0.78 | 0.010 | 7760 |
| | | _ | | 0.004 | -0.010 | 0.000 | • | -0.006 | 0.00 | 2.58 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.21 | 2.55 | | 32037 |
| | | | | | | | max | 0.015 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.78 | | | |
| | | | | ung | | | max | 0.013 | 2.58 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 138.50 | | 23.76 |
| | | | | | | 2.47 | 0.01 | 198.1 | 0.500 | 0.000 | 0.003 | 0.47 ¹ |
| | 1.025 | 2 | 1425 | -56.0 | -55.97 | 0.00 | | 0.434 | -0.21 | -0.78 | | 7760 |
| | , ,, | | , | 0.004 | -0.010 | 0.000 | • | -0.006 | 0.00 | 2.58 | | 32837 |
| | | | | Material | 1 | 2.000 | min | | -0.21 | 55 | | |
| | | | | | - | | max | 0.015 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.004 | -0.78 | | | |
| | | | | Jenem ung | | | max | 0.013 | 2.58 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 138.50 | | 23.76 |
| | | | | _4623110 | | 2.47 | 0.01 | 198.1 | 0.500 | 0.000 | 0.003 | 0.47 ¹ |
| | | | | | | 2.7/ | 0.01 | 170.1 | 3.500 | 3.000 | 3.003 | 0.77 |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|---------|--------|--------------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1064 | 1.025 | 2 | 1426 | -19.3 | -76.54 | 0.00 | | 0.757 | -0.40 | -0.50 | | 2424 |
| | | | | 0.034 | -0.045 | 0.000 | | -0.012 | 0.00 | 14.20 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.40 | | | |
| | | | | | | | max | 0.080 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.50 | | | |
| | | | | | | | max | 0.071 | 14.20 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 403.87 | | 23.76 |
| | | | | | | 13.62 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.471 |
| | 1.025 | 2 | 1429 | -40.6 | 5.52 | 0.00 | | 2.556 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.025 | 2 | 1430 | -34.7 | -138.05 | 0.00 | | 0.757 | -0.72 | -0.90 | | 2423 |
| | | | | 0.062 | -0.082 | 0.000 | | -0.021 | 0.00 | 25.62 | | 32837 |
| | | | | Material | 1 | | min | | -0.72 | | | |
| | | | | | | | max | 0.145 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.004 | -0.90 | | | |
| | | | | | | | max | 0.128 | 25.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 403.91 | | 23.76 |
| | | | | | | 24.57 | 0.08 | 198.1 | 0.500 | 0.000 | 0.029 | 0.471 |
| 1065 | 0.000 | 2 | 1421 | -19.3 | -76.54 | 0.00 | | 0.757 | -0.40 | -0.50 | | 2424 |
| | | | | 0.034 | -0.045 | 0.000 | | -0.012 | 0.00 | 14.20 | | 32837 |
| | | | | Material | 1 | | min | | -0.40 | | | |
| | | | | D | _ | | max | 0.080 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.50 | | | |
| | | | | 7,1,57,000 | | 0.508 | max | 0.071 | 14.20 | 403.87 | | 23.76 |
| | | | | Zugzone | | 13.62 | 10.0 0.04 | 198.1 | 0.500 | | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | -56.0 | -55.97 | 0.00 | | 0.434 | -0.21 | -0.78 | 0.010 | 7760 |
| | 0.000 | _ | 1722 | 0.004 | -0.010 | 0.000 | • | -0.006 | 0.00 | 2.58 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.21 | 2.30 | | 32037 |
| | | | | , acci iai | - | | max | 0.015 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.78 | | | |
| | | | | Dewein ung | _ | | max | 0.013 | 2.58 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 138.50 | | 23.76 |
| | | | | Zugzone | | 2.47 | 0.01 | 198.1 | 0.500 | | 0.003 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | -34.7 | -138.05 | 0.00 | | 0.757 | -0.72 | -0.90 | 0.005 | 2423 |
| | | _ | | 0.062 | -0.082 | 0.000 | - | -0.021 | 0.00 | 25.62 | | 32837 |
| | | | | Material | 1 | | min | | -0.72 | | | |
| | | | | | | | max | 0.145 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.90 | | | |
| | | | | | | | max | 0.128 | 25.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 403.91 | | 23.76 |
| | | | | | | 24.57 | 0.08 | 198.1 | 0.500 | | 0.029 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | -40.6 | 5.52 | 0.00 | | 2.556 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | | -0.08 | | | |
| | | | | | | | | | | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|---------|--------|-------------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1065 | 0.000 | 2 | 1429 | -40.6 | 5.52 | 0.00 | | 2.556 | -0.03 | -0.15 | K+[-] | |
| 1002 | 0.000 | | 1429 | | | | | | -0.01 | | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | | -0.08 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 0.000 | 2 | 1430 | -34.7 | -138.05 | 0.00 | | 0.757 | -0.72 | -0.90 | | 2423 |
| | | | | 0.062 | -0.082 | 0.000 | | -0.021 | 0.00 | 25.62 | | 32837 |
| | | | | Material | 1 | | min | -0.021 | -0.72 | | | |
| | | | | | | | max | 0.145 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.004 | -0.90 | | | |
| | | | | | | | max | 0.128 | 25.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 25.62 | 403.91 | | 23.76 |
| | | | | Lugzone | | 24.57 | 0.08 | 198.1 | 0.500 | 0.000 | 0.029 | 0.47 ¹ |
| 1065 | 1.025 | 2 | 1421 | -19.3 | -78.30 | 0.00 | | 0.758 | -0.41 | -0.50 | 0.023 | 2410 |
| 1005 | 1.023 | | 1721 | 0.035 | -0.047 | 0.000 | | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.41 | 14.02 | | 32837 |
| | | | | Material | _ | | | | | | | |
| | | | | | | | max | 0.083 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.50 | | | |
| | | | | _ | | | max | 0.073 | 14.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 14.62 | | | 23.76 |
| | | | | | | 14.03 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.471 |
| | 1.025 | 2 | 1422 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | | 3355 |
| | | | | 0.031 | -0.045 | 0.000 | | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | | min | -0.015 | -0.51 | | | |
| | | | | | | | max | 0.076 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.006 | -1.16 | | | |
| | | | | | | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.45 | 310.09 | | 23.76 |
| | | | | | | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.47 ¹ |
| | 1.025 | 2 | 1425 | -19.3 | -78.30 | 0.00 | | 0.758 | -0.41 | -0.50 | | 2410 |
| | | _ | | 0.035 | -0.047 | 0.000 | - | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.012 | -0.41 | 11.02 | | 32037 |
| | | | | Idectiful | | | max | | 0.00 | | | |
| | | | | Paulahnung | 2 | | | | -0.50 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | | | | |
| | | | | 7 | | 0 500 | max | 0.073 | 14.62 | 405 60 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.60 | 0.0 | 23.76 |
| | 4 | | 4 | | 40= == | 14.03 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.471 |
| | 1.025 | 2 | 1426 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | | 3355 |
| | | | | 0.031 | -0.045 | 0.000 | | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | | min | -0.015 | -0.51 | | | |
| | | | | | | | max | 0.076 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -1.16 | | | |
| | | | | | | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.45 | 310.09 | | 23.76 |
| | | | | | | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.471 |
| | 1.025 | 2 | 1429 | -40.6 | -42.37 | 0.00 | | 0.468 | -0.16 | -0.59 | | 7047 |
| | | | | 0.004 | -0.009 | 0.000 | | -0.005 | 0.00 | 2.21 | | 32837 |
| | | | | Material | 1 | | min | | -0.16 | | | |
| | | | | | | | max | 0.013 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.59 | | | |
| | | | | Dewelli ulig | 2 | | | 0.011 | 2.21 | | | |
| | | | | 71197000 | | 0 500 | max 10 0 | | | 152 20 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 2.21 | 153.29 | | 23.76 |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|---------|--------|------------|-----------------|---------------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | 2.12 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.471 |
| | 1.025 | 2 | 1430 | -34.7 | -141.23 | 0.00 | | 0.758 | -0.74 | -0.91 | | 2410 |
| | | | | 0.064 | -0.084 | 0.000 | | -0.022 | 0.00 | 26.38 | | 32837 |
| | | | | Material | 1 | | min | -0.022 | -0.74 | | | |
| | | | | | | | max | 0.149 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.005 | -0.91 | | | |
| | | | | | | | max | 0.132 | 26.38 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.63 | | 23.76 |
| | | | | | | 25.30 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.471 |
| 1066 | 0.000 | 2 | 1421 | -19.3 | -78.30 | 0.00 | | 0.758 | -0.41 | -0.50 | | 2410 |
| | | | | 0.035 | -0.047 | 0.000 | | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.41 | | | |
| | | | | | | | max | 0.083 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.50 | | | |
| | | | | | | | max | 0.073 | 14.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.60 | | 23.76 |
| | | | | | | 14.03 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.471 |
| | 0.000 | 2 | 1422 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | | 3355 |
| | | | | 0.031 | -0.045 | 0.000 | | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | | min | -0.015 | -0.51 | | | |
| | | | | | | | max | 0.076 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.006 | -1.16 | | | |
| | | | | _ | | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 310.09 | | 23.76 |
| | 2 222 | | 1105 | 10.0 | 70.00 | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.471 |
| | 0.000 | 2 | 1425 | -19.3 | -78.30 | 0.00 | | 0.758 | -0.41 | -0.50 | | 2410 |
| | | | | 0.035 | -0.047 | 0.000 | | -0.012 | 0.00 | 14.62 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 0.00 | | | |
| | | | | Poughnung | 2 | | max min | 0.083 | -0.50 | | | |
| | | | | Bewehrung | 2 | | max | -0.003 0.073 | 14.62 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.60 | | 23.76 |
| | | | | Lugzone | | 14.03 | 0.04 | 198.1 | 0.500 | | 0.016 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | -56.0 | -105.30 | 0.00 | | 0.683 | -0.51 | -1.16 | 0.010 | 3355 |
| | 3.000 | | 1-720 | 0.031 | -0.045 | 0.000 | • | -0.015 | 0.00 | 13.45 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.51 | | | 32037 |
| | | | | | * | | max | 0.013 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -1.16 | | | |
| | | | | 2 | _ | | max | 0.067 | 13.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 310.09 | | 23.76 |
| | | | | | | 12.90 | 0.04 | 198.1 | 0.500 | 0.000 | 0.015 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | -40.6 | -42.37 | 0.00 | | 0.468 | -0.16 | -0.59 | | 7047 |
| | | | | 0.004 | -0.009 | 0.000 | | -0.005 | 0.00 | 2.21 | | 32837 |
| | | | | Material | 1 | | min | | -0.16 | | | |
| | | | | | | | max | 0.013 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.59 | | | |
| | | | | | | | max | 0.011 | 2.21 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 2.21 | 153.29 | | 23.76 |
| | | | | | | 2.12 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.471 |
| | | | | | | | | | | | | |

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Model

| Dehnungsz | ustand | | | | | | | | | | | |
|-----------|--------|-----|------|-------------|---------|----------------|--------------|---------------|----------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1066 | 0.000 | 2 | 1430 | -34.7 | -141.23 | 0.00 | | 0.758 | -0.74 | -0.91 | | 2410 |
| | | | | 0.064 | -0.084 | 0.000 | | -0.022 | 0.00 | 26.38 | | 32837 |
| | | | | Material | 1 | | min | | -0.74 | | | |
| | | | | | | | max | 0.149 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.005 | -0.91 | | | |
| | | | | | | | max | 0.132 | 26.38 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 405.63 | | 23.76 |
| | | | | | | 25.30 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.47 ¹ |
| 1066 | 1.025 | 2 | 1421 | -19.3 | -83.60 | 0.00 | | 0.759 | -0.44 | -0.53 | 0.000 | 2373 |
| 1000 | 1.023 | _ | | 0.038 | -0.050 | 0.000 | | -0.013 | 0.00 | 15.87 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.013 | -0.44 | 13.07 | | 32037 |
| | | | | riacci Iai | _ | | max | 0.013 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | bewein ding | ۷ | | max | 0.079 | 15.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.87 | 409.86 | | 23.76 |
| | | | | Zugzone | | 15.22 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 1.025 | 2 | 1422 | -56.0 | -160.99 | 0.00 | 0.05 | 0.732 | -0.84 | -1.39 | 0.010 | 2680 |
| | 1.023 | | 1422 | 0.063 | -0.086 | 0.000 | | -0.024 | 0.00 | 26.57 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.024 | -0.84 | 20.37 | | 32037 |
| | | | | Material | 1 | | | | 0.00 | | | |
| | | | | Dayrahayaa | 2 | | max | 0.150 | | | | |
| | | | | Bewehrung | 2 | | min | -0.007 | -1.39 26.57 | | | |
| | | | | 7 | | 0 500 | max | 0.133 | | 272 46 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 198.1 | 26.57 | 372.46 | 0.030 | 23.76 0.47 ¹ |
| | 1 025 | | 1425 | 10.3 | 02.60 | 25.48 | 0.08 | | 0.500 | 0.000 | 0.030 | |
| | 1.025 | 2 | 1425 | -19.3 | -83.60 | 0.00 | | 0.759 | -0.44 | -0.53 | | 2373 |
| | | | | 0.038 | -0.050 | 0.000 | | -0.013 | 0.00 | 15.87 | | 32837 |
| | | | | Material | 1 | | min | | -0.44 | | | |
| | | | | D | 2 | | max | 0.090 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | - | | 0.500 | max | 0.079 | 15.87 | 400.05 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 409.86 | | 23.76 |
| | 1 005 | | 1425 | 56.5 | 160.00 | 15.22 | 0.05 | | 0.500 | 0.000 | 0.018 | 0.471 |
| | 1.025 | 2 | 1426 | -56.0 | -160.99 | 0.00 | | 0.732 | -0.84 | -1.39 | | 2680 |
| | | | | 0.063 | -0.086 | 0.000 | | -0.024 | 0.00 | 26.57 | | 32837 |
| | | | | Material | 1 | | | -0.024 | -0.84 | | | |
| | | | | D ! | | | max | 0.150 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -1.39 | | | |
| | | | | - | | | max | 0.133 | 26.57 | 272 | | 22.7 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | | | 23.76 |
| | | | | | | 25.48 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.47¹ |
| | 1.025 | 2 | 1429 | -19.3 | -83.60 | 0.00 | | 0.759 | -0.44 | -0.53 | | 2373 |
| | | | | 0.038 | -0.050 | 0.000 | | -0.013 | 0.00 | 15.87 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.44 | | | |
| | | | | | | | max | 0.090 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.53 | | | |
| | | | | | | | max | 0.079 | 15.87 | | | |
| | | | | - | | 0 500 | 10 0 | 0.00 | 15.87 | 409.86 | | 23.76 |
| | | | | Zugzone | | 0.508 15.22 | 10.0 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|---------|--------|-------|----------------|----------------|--------|-------|---------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1066 | 1.025 | 2 | 1430 | -56.0 | -160.99 | 0.00 | | 0.732 | -0.84 | -1.39 | | 2680 |
| | | | | 0.063 | -0.086 | 0.000 | | -0.024 | 0.00 | 26.57 | | 32837 |
| | | | | Material | 1 | | min | -0.024 | -0.84 | | | |
| | | | | | | | max | 0.150 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.007 | -1.39 | | | |
| | | | | | | | max | 0.133 | 26.57 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 26.57 | 372.46 | | 23.76 |
| | | | | | | 25.48 | 0.08 | 198.1 | 0.500 | 0.000 | 0.030 | 0.471 |
| 1067 | 0.000 | 2 | 1421 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | | 1934 |
| | | | | 0.060 | -0.074 | 0.000 | | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | | min | | -0.54 | | | |
| | | | | | | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | | | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.471 |
| | 0.000 | 2 | 1422 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | | 1934 |
| | | | | 0.060 | -0.074 | 0.000 | | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | | min | -0.016 | -0.54 | | | |
| | | | | | | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | _ | | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | 4 40= | | 404 == | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.471 |
| | 0.000 | 2 | 1425 | 0.0 | -184.77 | 0.00 | | 0.804 | -0.99 | -0.23 | | 1934 |
| | | | | 0.110 | -0.137 | 0.000 | | -0.029 | 0.00 | 44.25 | | 32837 |
| | | | | Material | 1 | | min | -0.029 | -0.99 | | | |
| | | | | D b | 2 | | max | 0.249 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.23 | | | |
| | | | | 7 | | 0 500 | max | 0.221 | 44.25 | 476 06 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.01 | | 476.86 | 0.050 | 23.76 |
| | 0.000 | 2 | 1426 | 0.0 | -100.00 | 42.44 | 0.13 | 198.1 0.804 | 0.500 -0.54 | 0.000 | 0.050 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1420 | 0.060 | -0.074 | 0.000 | | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.54 | 23.93 | | 32637 |
| | | | | nacei Iai | 1 | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | Lugzone | | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | -100.00 | 0.00 | | 0.804 | -0.54 | -0.12 | 0.027 | 1934 |
| | 5.000 | | T-457 | 0.060 | -0.074 | 0.000 | • | -0.016 | 0.00 | 23.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.54 | | | 32037 |
| | | | | | | | max | 0.135 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.12 | | | |
| | | | | | | | max | 0.120 | 23.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 22.97 | 0.07 | 198.1 | 0.500 | 0.000 | 0.027 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|--------|--------------|---------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1067 | 0.000 | 2 | 1430 | 0.0 | -184.77 | 0.00 | | 0.804 | -0.99 | -0.23 | | 1934 |
| | | | | 0.110 | -0.137 | 0.000 | | -0.029 | 0.00 | 44.25 | | 32837 |
| | | | | Material | 1 | | min | -0.029 | -0.99 | | | |
| | | | | | | | max | 0.249 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.23 | | | |
| | | | | | | | max | 0.221 | 44.25 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.01 | 44.25 | 476.86 | | 23.76 |
| | | | | | | 42.44 | 0.13 | 198.1 | 0.500 | 0.000 | 0.050 | 0.47¹ |
| 1067 | 0.997 | 2 | 1421 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.36 | | | |
| | | | | | | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | | 1934 |
| | | _ | | 0.039 | -0.049 | 0.000 | | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | | min | | -0.36 | | | 32037 |
| | | | | | _ | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Jenem ung | _ | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | - | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | | -0.66 | | | |
| | | | | | _ | | max | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | Jenem ung | _ | | max | 0.148 | 29.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | Lugzonie | | 28.32 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | 0.000 | 1934 |
| | | _ | | 0.039 | -0.049 | 0.000 | • | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.010 | -0.36 | | | 32037 |
| | | | | | - | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Jenem ung | | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | 1.020110 | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | -66.05 | 0.00 | | 0.804 | -0.36 | -0.08 | 0.010 | 1934 |
| | 3.557 | | ±-72.7 | 0.039 | -0.049 | 0.000 | • | -0.010 | 0.00 | 15.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.36 | 13.02 | | 32037 |
| | | | | i lacci Tar | 1 | | max | 0.089 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Dewelli ulig | 2 | | max | 0.079 | 15.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.17 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | | | | | | 13.1/ | 0.03 | 190.1 | 0.500 | 0.000 | 0.010 | 0.4/ |

Model

| Stab x[m] QNr LF Ni Myi Mzi yn zn σ-min σ-s σ-t [kN] [kNm] [kNm] [m] [m] [m] [MPa] [M | ρ-eff[o/o] 1934 |
|---|--|
| E-0 ky kz fact ε σ-max σ-s σ-t | Ez-eff [MPa] As-eff[cm2] p-eff[o/o] |
| [0/00] [1/km] [1/km] [-] [0/00] [MPa] [MPa] [MPa] Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m] sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] 1067 0.997 2 1430 0.0 -123.29 0.00 0.804 -0.66 -0.15 0.073 -0.091 0.000 -0.019 0.00 29.53 Material 1 min -0.019 -0.66 0.00 Bewehrung 2 min -0.001 -0.15 max 0.148 29.53 0.148 29.53 | [MPa] As-eff[cm2] ρ-eff[o/o] 1934 |
| Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m] sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] | As-eff[cm2] p-eff[o/o] 1934 |
| 1067 0.997 2 1430 0.0 -123.29 0.00 0.804 -0.66 -0.15 0.073 -0.091 0.000 min -0.019 -0.66 max 0.166 0.00 0.15 max 0.148 29.53 max 0.148 29.53 0.000 max 0.148 29.53 0.000 max 0.148 29.53 0.000 max 0.148 29.53 0.000 max 0.148 29.53 0.000 max 0.148 | ρ-eff[o/o] 1934 |
| 1067 0.997 2 1430 0.0 -123.29 0.00 0.804 -0.66 -0.15 0.073 -0.091 0.000 min -0.019 -0.66 max 0.166 0.00 min -0.001 -0.15 max 0.148 29.53 | 1934 |
| 0.073 -0.091 0.000 -0.019 0.00 29.53 | |
| Material 1 min -0.019 -0.66 max 0.166 0.00 min -0.001 -0.15 max 0.148 29.53 | |
| max 0.166 0.00 min -0.001 -0.15 max 0.148 29.53 | 32837 |
| Bewehrung 2 min -0.001 -0.15 max 0.148 29.53 | |
| max 0.148 29.53 | |
| max 0.148 29.53 | |
| Zugzone 0.508 10.0 0.00 29.53 476.84 | |
| | 23.76 |
| 28.32 0.09 198.1 0.500 0.000 0.033 | 0.47 ¹ |
| 1068 0.000 2 1421 0.0 -66.05 0.00 0.804 -0.36 -0.08 | 1934 |
| 0.039 -0.049 0.000 -0.010 0.00 15.82 | 32837 |
| Material 1 min -0.010 -0.36 | |
| max 0.089 0.00 | |
| | |
| max 0.079 15.82 | |
| Zugzone 0.508 10.0 0.00 15.82 476.82 | 23.76 |
| 15.17 0.05 198.1 0.500 0.000 0.018 | 0.47 ¹ |
| 0.000 2 1422 0.0 -66.05 0.00 0.804 -0.36 -0.08 | 1934 |
| 0.039 -0.049 0.000 -0.010 0.00 15.82 | 32837 |
| Material 1 min -0.010 -0.36 | |
| max 0.089 0.00 | |
| | |
| max 0.079 15.82 | |
| Zugzone 0.508 10.0 0.00 15.82 476.82 | 23.76 |
| 15.17 0.05 198.1 0.500 0.000 0.018 | 0.47 ¹ |
| 0.000 2 1425 0.0 -123.29 0.00 0.804 -0.66 -0.15 | 1934 |
| 0.073 -0.091 0.000 -0.019 0.00 29.53 | 32837 |
| | |
| max 0.166 0.00 | |
| | |
| max 0.148 29.53 | |
| Zugzone 0.508 10.0 0.00 29.53 476.84 | 23.76 |
| 28.32 0.09 198.1 0.500 0.000 0.033 | 0.47 ¹ |
| 0.000 2 1426 0.0 -66.05 0.00 0.804 -0.36 -0.08 | 1934 |
| 0.039 -0.049 0.000 -0.010 0.00 15.82 | 32837 |
| Material 1 min -0.010 -0.36 | |
| max 0.089 0.00 | |
| | |
| max 0.079 15.82 | |
| Zugzone 0.508 10.0 0.00 15.82 476.82 | 23.76 |
| 15.17 0.05 198.1 0.500 0.000 0.018 | 0.471 |
| 0.000 2 1429 0.0 -66.05 0.00 0.804 -0.36 -0.08 | 1934 |
| 0.039 -0.049 0.000 -0.010 0.00 15.82 | 32837 |
| Material 1 min -0.010 -0.36 | |
| max 0.089 0.00 | |
| | |
| | |
| max 0.079 15.82 | |
| Zugzone max 0.079 15.82 10.0 0.00 15.82 476.82 | 23.76 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|---------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1068 | 0.000 | 2 | 1430 | 0.0 | -123.29 | 0.00 | | 0.804 | -0.66 | -0.15 | | 1934 |
| | | | | 0.073 | -0.091 | 0.000 | | -0.019 | 0.00 | 29.53 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.66 | | | |
| | | | | | | | max | 0.166 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.148 | 29.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 29.53 | 476.84 | | 23.76 |
| | | | | | | 28.32 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47 ¹ |
| 1068 | 0.997 | 2 | 1421 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | -35.43 | 0.00 | - | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | -67.83 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.24 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | 0 | | 15.58 | 0.05 | | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | - | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | |
| | | | | | _ | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | _ | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | | | | | | U, _ T | 3.05 | | 3.300 | 0.000 | 0.010 | V. 17 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1068 | 0.997 | 2 | 1430 | 0.0 | -67.83 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.24 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.24 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.24 | 476.83 | | 23.76 |
| | | | | | | 15.58 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| 1069 | 0.000 | 2 | 1421 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | -35.43 | 0.00 | - | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | -67.83 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.37 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.24 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | 0 | | 15.58 | 0.05 | | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.19 | | | |
| | | | | | | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | -35.43 | 0.00 | | 0.804 | -0.19 | -0.04 | | 1934 |
| | | | | 0.021 | -0.026 | 0.000 | - | -0.006 | 0.00 | 8.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.19 | | | |
| | | | | | _ | | max | 0.048 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | _ | | max | 0.042 | 8.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.49 | 476.82 | | 23.76 |
| | | | | | | 8.14 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | | | | | | U, _ T | 3.05 | | 0.500 | 0.000 | 0.010 | U. 17 |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1069 | 0.000 | 2 | 1430 | 0.0 | -67.83 | 0.00 | | 0.804 | -0.37 | -0.08 | | 1934 |
| | | | | 0.040 | -0.050 | 0.000 | | -0.011 | 0.00 | 16.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.37 | | | |
| | | | | | _ | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Jenem ung | _ | | max | 0.081 | 16.24 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 15.58 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| 1069 | 0.997 | 2 | 1421 | -0.0 | -8.18 | 0.00 | | 0.804 | -0.04 | -0.01 | 0.010 | 1939 |
| 1005 | 0.557 | _ | 1721 | 0.005 | -0.006 | 0.000 | • | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 1.55 | | 32037 |
| | | | | lucci Iui | - | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | Dewein ding | _ | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | Zugzone | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | -0.0 | -8.18 | 0.00 | | 0.804 | -0.04 | -0.01 | 0.002 | 1939 |
| | 0.337 | _ | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 1.55 | | 32037 |
| | | | | liace. Iai | - | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | bewein ung | - | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | -18.39 | 0.00 | | 0.804 | -0.10 | -0.02 | | 1934 |
| | | | | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | | | max | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | | | | max | 0.022 | 4.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 4.22 | 0.01 | 198.1 | 0.500 | | 0.005 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | -0.0 | -8.18 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.471 |
| | 0.997 | 2 | 1429 | -0.0 | -8.18 | 0.00 | | 0.804 | -0.04 | -0.01 | | 1939 |
| | | | | 0.005 | -0.006 | 0.000 | | -0.001 | 0.00 | 1.95 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.010 | 1.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 1.95 | 476.55 | | 23.76 |
| | | | | | | 1.87 | 0.01 | 198.1 | 0.500 | 0.000 | 0.002 | 0.471 |
| | | Z | | | | | | | | | | |

Model

| Stab X[m] QNr LF Ni |
|--|
| Company Comp |
| |
| |
| Sr[mm] E-Sr C[mm] k2-[] k3[-] k4[-] p-eff[o/o] |
| 1069 0.997 2 1430 0.00 -18.39 0.00 0.804 -0.10 0.002 1.9337 |
| |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| Material |
| 2ugzone |
| 1070 0.000 2 1421 -0.0 -8.18 0.00 -0.001 |
| 1070 |
| |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| Note |
| Note |
| 1.87 0.01 198.1 0.500 0.000 0.002 0.471 0.000 0.000 0.005 0.006 0.000 0.005 0.006 0.000 |
| 0.000 2 1422 -0.0 -8.18 0.00 0.804 -0.04 -0.01 1939 0.005 -0.006 0.000 min -0.001 0.00 1.95 32837 0.006 Material 1 |
| |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 |
| Note |
| 2ugzone |
| 1.87 0.01 198.1 0.500 0.000 0.002 0.471 0.000 0.000 0.002 0.471 0.000 0.000 0.001 0.001 0.001 0.000 0.000 0.001 0.001 0.000 0.000 0.000 0.001 0.000 |
| 0.000 2 1425 0.0 -18.39 0.00 0.804 -0.10 -0.02 1934 |
| 0.011 -0.014 0.000 -0.003 0.00 4.41 32837 |
| Material 1 |
| Bewehrung 2 |
| Bewehrung 2 min -0.000 -0.02 |
| Max 0.022 4.41 |
| Zugzone |
| A |
| 0.000 2 1426 |
| 0.005 -0.006 0.000 -0.001 0.00 1.95 32837 |
| Material 1 min -0.001 -0.04 max 0.011 0.00 min 0.000 -0.01 max 0.010 1.95 Zugzone 0.508 10.0 0.00 1.95 476.55 23.76 1.87 0.01 198.1 0.500 0.000 0.002 0.471 0.000 2 1429 -0.0 -8.18 0.00 0.804 -0.04 -0.01 1939 |
| Bewehrung 2 min 0.000 -0.01 max 0.010 1.95 Zugzone 0.508 10.0 0.00 1.95 476.55 23.76 1.87 0.01 198.1 0.500 0.000 0.002 0.471 0.000 2 1429 -0.0 -8.18 0.00 0.804 -0.04 -0.01 1939 |
| Max 0.010 1.95 |
| Zugzone 0.508 10.0 0.00 1.95 476.55 23.76 1.87 0.01 198.1 0.500 0.000 0.002 0.47 ¹ 0.000 2 1429 -0.0 -8.18 0.00 0.804 -0.04 -0.01 1939 |
| 0.000 2 1429 -0.0 -8.18 0.00 0.804 -0.04 -0.01 0.002 0.47¹ |
| 0.000 2 1429 -0.0 -8.18 0.00 0.804 -0.04 -0.01 1939 |
| |
| 0.005 -0.006 0.000 -0.001 0.00 1.95 32837 |
| |
| |
| max 0.011 0.00 |
| |
| max 0.010 1.95 |
| |
| 1.87 0.01 198.1 0.500 0.000 0.002 0.471 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|---------------|--------------|---------------|---------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1070 | 0.000 | 2 | 1430 | 0.0 | -18.39 | 0.00 | | 0.804 | -0.10 | -0.02 | | 1934 |
| | | | | 0.011 | -0.014 | 0.000 | | -0.003 | 0.00 | 4.41 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | _ | | max • | 0.025 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.02 | | | |
| | | | | 7 | | 0 500 | max | 0.022 | 4.41 | 476 01 | | 22.76 |
| | | | | Zugzone | | 0.508 4.22 | 10.0 0.01 | 0.00 198.1 | 4.41 0.500 | 476.81 | 0.005 | 23.76 0.47 ¹ |
| 1070 | 0.997 | 2 | 1421 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | 0.005 | 1934 |
| 10/0 | 0.997 | | 1421 | 0.009 | 0.012 | 0.000 | | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 3.76 | | 32837 |
| | | | | nacei iai | | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | Dewein ung | _ | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | | 1934 |
| | | | | 0.009 | 0.012 | 0.000 | | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | | | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 3.78 | 476.81 | | 23.76 |
| | | | | | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 25.01 | 0.00 | | -0.804 | -0.13 | -0.03 | | 1934 |
| | | | | 0.015 | 0.019 | 0.000 | | -0.004 | 0.00 | 5.99 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.13 | | | |
| | | | | D l | 2 | | max | 0.034 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.030 | 5.99 | 476.81 | | 23.76 |
| | | | | Zugzone | | 5.74 | 0.02 | 0.00 198.1 | 0.500 | 0.000 | 0.007 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | 0.007 | 1934 |
| | 0.557 | _ | 1720 | 0.009 | 0.012 | 0.000 | • | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.08 | 3.70 | | 32037 |
| | | | | 110001101 | - | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | | | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 28.45 | 0.00 | | -0.804 | -0.15 | -0.03 | | 1934 |
| | | | | 0.017 | 0.021 | 0.000 | | -0.004 | 0.00 | 6.81 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.15 | | | |
| | | | | | | | max | 0.038 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.034 | 6.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 6.53 | 0.02 | 198.1 | 0.500 | 0.000 | 0.008 | 0.471 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|----------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1070 | 0.997 | 2 | 1430 | 0.0 | 12.34 | 0.00 | | -0.804 | -0.07 | -0.01 | | 1934 |
| | | | | 0.007 | 0.009 | 0.000 | | -0.002 | 0.00 | 2.95 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | 0.017 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | | | | max | 0.015 | 2.95 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 2.95 | 476.81 | | 23.76 |
| | | | | | | 2.83 | 0.01 | 198.1 | 0.500 | 0.000 | 0.003 | 0.47 ¹ |
| 1071 | 0.000 | 2 | 1421 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | 0.005 | 1934 |
| 2072 | 0.000 | _ | | 0.009 | 0.012 | 0.000 | • | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 3.70 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | bewein ung | ۷ | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 3.78 | 476.81 | | 23.76 |
| | | | | Zugzone | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | 0.004 | 1934 |
| | 0.000 | | 1422 | 0.009 | | | | _ | 0.00 | 3.78 | | 32837 |
| | | | | | 0.012 | 0.000 | min | -0.002 | | 3.78 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | 2 | | max • | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | _ | | 0 500 | max | 0.019 | 3.78 | 474 04 | | 00 74 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 3.78 | | 0.004 | 23.76 |
| | | | 4405 | | 25.24 | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.471 |
| | 0.000 | 2 | 1425 | 0.0 | 25.01 | 0.00 | | -0.804 | -0.13 | -0.03 | | 1934 |
| | | | | 0.015 | 0.019 | 0.000 | | -0.004 | 0.00 | 5.99 | | 32837 |
| | | | | Material | 1 | | | -0.004 | -0.13 | | | |
| | | | | | | | max | 0.034 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | _ | | | max | 0.030 | 5.99 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 5.74 | 0.02 | | 0.500 | 0.000 | 0.007 | 0.471 |
| | 0.000 | 2 | 1426 | 0.0 | 15.77 | 0.00 | | -0.804 | -0.08 | -0.02 | | 1934 |
| | | | | 0.009 | 0.012 | 0.000 | | -0.002 | 0.00 | 3.78 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.021 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.02 | | | |
| | | | | | | | max | 0.019 | 3.78 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 3.62 | 0.01 | 198.1 | 0.500 | 0.000 | 0.004 | 0.47¹ |
| | 0.000 | 2 | 1429 | 0.0 | 28.45 | 0.00 | | -0.804 | -0.15 | -0.03 | | 1934 |
| | | | | 0.017 | 0.021 | 0.000 | | -0.004 | 0.00 | 6.81 | | 32837 |
| | | | | Material | 1 | | min | | -0.15 | | | |
| | | | | | | | max | 0.038 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.034 | 6.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 6.81 | 476.81 | | 23.76 |
| | | | | | | 6.53 | 0.02 | 198.1 | 0.500 | 0.000 | 0.008 | 0.47 ¹ |
| | | / | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|---------------|--------------|---------------|---------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1071 | 0.000 | 2 | 1430 | 0.0 | 12.34 | 0.00 | | -0.804 | -0.07 | -0.01 | | 1934 |
| | | | | 0.007 | 0.009 | 0.000 | | -0.002 | 0.00 | 2.95 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | 2 | | max • | 0.017 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | -0.01 | | | |
| | | | | 7 | | 0 500 | max | 0.015 | 2.95 | 476 01 | | 22.76 |
| | | | | Zugzone | | 0.508 2.83 | 10.0 0.01 | 0.00 198.1 | 2.95 0.500 | 476.81 | 0.003 | 23.76 0.47 ¹ |
| 1071 | 0.997 | 2 | 1421 | 0.0 | 36.36 | 0.00 | | -0.804 | -0.20 | -0.04 | 0.003 | 1934 |
| 10/1 | 0.997 | 2 | 1421 | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.006 | -0.20 | 0./1 | | 32037 |
| | | | | nacei iai | _ | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | Dewein ung | 2 | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | Zugzone | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 36.36 | 0.00 | | -0.804 | -0.20 | -0.04 | 0.020 | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 62.39 | 0.00 | | -0.804 | -0.34 | -0.08 | | 1934 |
| | | | | 0.037 | 0.046 | 0.000 | | -0.010 | 0.00 | 14.94 | | 32837 |
| | | | | Material | 1 | | min | | -0.34 | | | |
| | | | | D l | 2 | | max | 0.084 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.075 | 14.94 | 476.82 | | 23.76 |
| | | | | Zugzone | | 14.33 | 0.04 | | 0.500 | 0.000 | 0.017 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 36.36 | 0.00 | | -0.804 | -0.20 | -0.04 | 0.01/ | 1934 |
| | 0.557 | _ | 1-720 | 0.022 | 0.027 | 0.000 | • | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.006 | -0.20 | 0.71 | | 32037 |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47¹ |
| | 0.997 | 2 | 1429 | 0.0 | 65.58 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.049 | 0.000 | | -0.010 | 0.00 | 15.71 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.35 | | | |
| | | | | | | | max | 0.088 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.079 | 15.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 15.06 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1071 | 0.997 | 2 | 1430 | 0.0 | 33.17 | 0.00 | | -0.804 | -0.18 | -0.04 | | 1934 |
| | | | | 0.020 | 0.025 | 0.000 | | -0.005 | 0.00 | 7.94 | | 32837 |
| | | | | Material | 1 | | min | -0.005 | -0.18 | | | |
| | | | | | | | max | 0.045 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.040 | 7.94 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 7.94 | 476.81 | | 23.76 |
| | | | | | | 7.62 | 0.02 | 198.1 | 0.500 | 0.000 | 0.009 | 0.47 ¹ |
| 1072 | 0.000 | 2 | 1421 | 0.0 | 36.36 | 0.00 | | -0.804 | -0.20 | -0.04 | | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 36.36 | 0.00 | - | -0.804 | -0.20 | -0.04 | | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 62.39 | 0.00 | | -0.804 | -0.34 | -0.08 | | 1934 |
| | | | | 0.037 | 0.046 | 0.000 | | -0.010 | 0.00 | 14.94 | | 32837 |
| | | | | Material | 1 | | min | | -0.34 | | | |
| | | | | | | | max | 0.084 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.075 | 14.94 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | 0 | | 14.33 | 0.04 | | 0.500 | 0.000 | 0.017 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 36.36 | 0.00 | | -0.804 | -0.20 | -0.04 | | 1934 |
| | | | | 0.022 | 0.027 | 0.000 | | -0.006 | 0.00 | 8.71 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.20 | | | |
| | | | | | | | max | 0.049 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.04 | | | |
| | | | | | _ | | max | 0.044 | 8.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 8.71 | 476.81 | | 23.76 |
| | | | | | | 8.35 | 0.03 | 198.1 | 0.500 | 0.000 | 0.010 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 65.58 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.049 | 0.000 | - | -0.010 | 0.00 | 15.71 | | 32837 |
| | | | | Material | 1 | | min | | -0.35 | | | |
| | | | | | _ | | max | 0.088 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | _ | | max | 0.079 | 15.71 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.71 | 476.82 | | 23.76 |
| | | | | | | 15.06 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | | | | | | | ,,,,, | | | | | |

Model

| Stab x[m] QNr LF Ni Myi Mzi yn zn σ-min σ-s σ-g [kN] [kNm] [kNm] [m] [m] |] [MPa] t Ez-eff |
|--|---------------------|
| ε-0 ky kz fact ε σ-max σ-s σ-s [o/oo] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] [MPa] Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m] | t Ez-eff |
| [o/oo] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] [MPa] [MPa] σ σ-sr a[m] σ σ-sr a[m] σ σ-sr a[m] σ σ-sr a[m] σ <td></td> | |
| Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m | [MDal |
| | I [rir a] |
| sn[mm] s_sn c[mm] \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |] As-eff[cm2] |
| |] ρ-eff[o/o] |
| 1072 0.000 2 1430 0.0 33.17 0.000.804 -0.18 -0.04 | 1934 |
| 0.020 0.025 0.000 -0.005 0.00 7.94 | 32837 |
| Material 1 min -0.005 -0.18 | |
| max 0.045 0.00 | |
| | |
| max 0.040 7.94 | |
| Zugzone 0.508 10.0 0.00 7.94 476.81 | 23.76 |
| 7.62 0.02 198.1 0.500 0.000 0.00 | 9 0.471 |
| 1072 0.997 2 1421 0.0 53.61 0.000.804 -0.29 -0.06 | 1934 |
| 0.032 0.040 0.000 -0.008 0.00 12.84 | 32837 |
| Material 1 min -0.008 -0.29 | |
| max 0.072 0.00 | |
| | |
| max 0.064 12.84 | |
| Zugzone 0.508 10.0 0.00 12.84 476.82 | 23.76 |
| 12.31 0.04 198.1 0.500 0.000 0.01 | 4 0.47 ¹ |
| 0.997 2 1422 0.0 53.61 0.000.804 -0.29 -0.06 | 1934 |
| 0.032 0.040 0.000 -0.008 0.00 12.84 | 32837 |
| Material 1 min -0.008 -0.29 | |
| max 0.072 0.00 | |
| | |
| max 0.064 12.84 | |
| Zugzone 0.508 10.0 0.00 12.84 476.82 | 23.76 |
| 12.31 0.04 198.1 0.500 0.000 0.01 | |
| 0.997 2 1425 0.0 93.75 0.000.804 -0.50 -0.11 | 1934 |
| 0.056 0.069 0.000 -0.015 0.00 22.45 | 32837 |
| Material 1 min -0.015 -0.50 | |
| max 0.126 0.00 | |
| | |
| max 0.112 22.45 | |
| Zugzone 0.508 10.0 0.00 22.45 476.83 | 23.76 |
| 21.53 0.07 198.1 0.500 0.000 0.02 | |
| 0.997 2 1426 0.0 53.61 0.000.804 -0.29 -0.06 | 1934 |
| 0.032 0.040 0.000 -0.008 0.00 12.84 | 32837 |
| Material 1 min -0.008 -0.29 | |
| max 0.072 0.00 | |
| | |
| max 0.064 12.84 | |
| Zugzone 0.508 10.0 0.00 12.84 476.82 | 23.76 |
| 12.31 0.04 198.1 0.500 0.000 0.01 | 4 0.47 ¹ |
| 0.997 2 1429 0.0 96.69 0.000.804 -0.52 -0.12 | 1934 |
| 0.058 0.072 0.000 -0.015 0.00 23.16 | 32837 |
| Material 1 min -0.015 -0.52 | |
| max 0.130 0.00 | |
| | |
| | |
| | |
| | 23.76 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1072 | 0.997 | 2 | 1430 | 0.0 | 50.67 | 0.00 | | -0.804 | -0.27 | -0.06 | | 1934 |
| | | | | 0.030 | 0.038 | 0.000 | | -0.008 | 0.00 | 12.13 | | 32837 |
| | | | | Material | 1 | | min | | -0.27 | | | |
| | | | | | _ | | max | 0.068 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | Jenem ung | - | | max | 0.061 | 12.13 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 11.64 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| 1073 | 0.000 | 2 | 1421 | 0.0 | 53.61 | 0.00 | | -0.804 | -0.29 | -0.06 | 0.014 | 1934 |
| 1075 | 0.000 | | 1721 | 0.032 | 0.040 | 0.000 | • | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.008 | -0.29 | 12.04 | | 32037 |
| | | | | I a c c i a i | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 12.31 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 53.61 | 0.00 | 0.04 | -0.804 | -0.29 | -0.06 | 0.014 | 1934 |
| | 0.000 | | 1422 | 0.032 | 0.040 | 0.000 | | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.008 | -0.29 | 12.04 | | 32837 |
| | | | | riacei iai | | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | bewein ung | 2 | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 12.31 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 93.75 | 0.00 | | -0.804 | -0.50 | -0.11 | 0.014 | 1934 |
| | 0.000 | _ | 1723 | 0.056 | 0.069 | 0.000 | • | -0.015 | 0.00 | 22.45 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.50 | | | 32037 |
| | | | | Ideel Idi | - | | max | 0.126 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Dewein ung | _ | | max | 0.112 | 22.45 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 21.53 | 0.07 | 198.1 | 0.500 | | 0.025 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 53.61 | 0.00 | | -0.804 | -0.29 | -0.06 | 0.023 | 1934 |
| | | _ | | 0.032 | 0.040 | 0.000 | • | -0.008 | 0.00 | 12.84 | | 32837 |
| | | | | Material | 1 | 5.000 | min | | -0.29 | | | 32037 |
| | | | | | _ | | max | 0.072 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | Jenem ung | _ | | max | 0.064 | 12.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 12.31 | 0.04 | 198.1 | 0.500 | 0.000 | 0.014 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 96.69 | 0.00 | | -0.804 | -0.52 | -0.12 | | 1934 |
| | 3.303 | | | 0.058 | 0.072 | 0.000 | • | -0.015 | 0.00 | 23.16 | | 32837 |
| | | | | Material | 1 | 2.000 | min | | -0.52 | | | |
| | | | | | - | | max | 0.130 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.12 | | | |
| | | | | Jenem ung | | | max | 0.116 | 23.16 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | _4623HC | | 22.21 | 0.07 | 198.1 | 0.500 | 0.000 | 0.026 | 0.47 ¹ |
| | | | | | | 22.21 | 0.07 | 170.1 | 3.500 | 3.000 | 3.020 | 0.77 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|----------------|--------------|---------------|----------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1073 | 0.000 | 2 | 1430 | 0.0 | 50.67 | 0.00 | | -0.804 | -0.27 | -0.06 | | 1934 |
| | | | | 0.030 | 0.038 | 0.000 | | -0.008 | 0.00 | 12.13 | | 32837 |
| | | | | Material | 1 | | min | -0.008 | -0.27 | | | |
| | | | | | _ | | max • | 0.068 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.06 | | | |
| | | | | 7 | | 0 500 | max | 0.061 | 12.13 | 476 00 | | 22.76 |
| | | | | Zugzone | | 0.508 11.64 | 10.0 0.04 | 0.00 198.1 | 12.13 0.500 | 476.82 | 0.014 | 23.76 0.47 ¹ |
| 1073 | 0.997 | 2 | 1421 | 0.0 | 67.52 | 0.00 | | -0.804 | -0.36 | -0.08 | 0.014 | 1934 |
| 10/3 | 0.997 | 2 | 1421 | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.36 | 10.17 | | 32037 |
| | | | | nacei iai | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Dewein ung | _ | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | Zugzone | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 67.52 | 0.00 | | -0.804 | -0.36 | -0.08 | 0.020 | 1934 |
| | | | | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.36 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 119.08 | 0.00 | | -0.804 | -0.64 | -0.15 | | 1934 |
| | | | | 0.071 | 0.088 | 0.000 | | -0.019 | 0.00 | 28.52 | | 32837 |
| | | | | Material | 1 | | min | | -0.64 | | | |
| | | | | D l | 2 | | max | 0.161 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.143 | 28.52 | 176 91 | | 23.76 |
| | | | | Zugzone | | | | 0.00 198.1 | 0.500 | 476.84 | 0.032 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 67.52 | 27.35 | 0.09 | -0.804 | -0.36 | -0.08 | 0.032 | 1934 |
| | 0.557 | _ | 1-720 | 0.040 | 0.050 | 0.000 | • | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.36 | 10.17 | | 32037 |
| | | | | | • | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47¹ |
| | 0.997 | 2 | 1429 | 0.0 | 121.78 | 0.00 | | -0.804 | -0.65 | -0.15 | | 1934 |
| | | | | 0.073 | 0.090 | 0.000 | | -0.019 | 0.00 | 29.17 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.65 | | | |
| | | | | | | | max | 0.164 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | 0.146 | 29.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 27.97 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.471 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1073 | 0.997 | 2 | 1430 | 0.0 | 64.82 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.048 | 0.000 | | -0.010 | 0.00 | 15.52 | | 32837 |
| | | | | Material | 1 | | min | -0.010 | -0.35 | | | |
| | | | | | | | max | 0.087 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.078 | 15.52 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 15.52 | 476.82 | | 23.76 |
| | | | | | | 14.89 | 0.05 | 198.1 | 0.500 | 0.000 | 0.017 | 0.47 ¹ |
| 1074 | 0.000 | 2 | 1421 | 0.0 | 67.52 | 0.00 | | -0.804 | -0.36 | -0.08 | | 1934 |
| | | | | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.36 | | | |
| | | | | | | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 67.52 | 0.00 | | -0.804 | -0.36 | -0.08 | | 1934 |
| | | _ | | 0.040 | 0.050 | 0.000 | | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | | min | | -0.36 | | | 32037 |
| | | | | | _ | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | | _ | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 119.08 | 0.00 | | -0.804 | -0.64 | -0.15 | 01020 | 1934 |
| | | _ | | 0.071 | 0.088 | 0.000 | - | -0.019 | 0.00 | 28.52 | | 32837 |
| | | | | Material | 1 | | min | -0.019 | -0.64 | | | |
| | | | | | _ | | max | 0.161 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | _ | | max | 0.143 | 28.52 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | Zugzone | | 27.35 | 0.09 | | 0.500 | 0.000 | 0.032 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 67.52 | 0.00 | | -0.804 | -0.36 | -0.08 | 0.052 | 1934 |
| | 3.000 | _ | 1 120 | 0.040 | 0.050 | 0.000 | • | -0.011 | 0.00 | 16.17 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.36 | 10.17 | | 32037 |
| | | | | . IG CCI IGI | 1 | | max | 0.091 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Dewein ding | | | max | 0.081 | 16.17 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.17 | 476.82 | | 23.76 |
| | | | | Lugzone | | 15.51 | 0.05 | 198.1 | 0.500 | 0.000 | 0.018 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 121.78 | 0.00 | | -0.804 | -0.65 | -0.15 | 0.010 | 1934 |
| | 5.000 | | 1469 | 0.073 | 0.090 | 0.000 | | -0.019 | 0.00 | 29.17 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.65 | 25.17 | | 32037 |
| | | | | nacei Iai | 1 | | max | 0.164 | 0.00 | | | |
| | | | | Roughnung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | Bewehrung | 2 | | max | 0.146 | 29.17 | | | |
| | | | | 71197000 | | 0.508 | 10.0 | 0.00 | 29.17 | 476.84 | | 23.76 |
| | | | | Zugzone | | | | | | | 0.033 | |
| | | | | | | 27.97 | 0.09 | 198.1 | 0.500 | 0.000 | 0.033 | 0.47¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|----------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1074 | 0.000 | 2 | 1430 | 0.0 | 64.82 | 0.00 | | -0.804 | -0.35 | -0.08 | | 1934 |
| | | | | 0.039 | 0.048 | 0.000 | | -0.010 | 0.00 | 15.52 | | 32837 |
| | | | | Material | 1 | | min | | -0.35 | | | |
| | | | | | _ | | max | 0.087 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.08 | | | |
| | | | | Jenem ung | _ | | max | 0.078 | 15.52 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 14.89 | 0.05 | 198.1 | 0.500 | 0.000 | 0.017 | 0.47 ¹ |
| 1074 | 0.997 | 2 | 1421 | 0.0 | 78.09 | 0.00 | | -0.804 | -0.42 | -0.09 | 0.017 | 1934 |
| 1074 | 0.557 | | 1721 | 0.047 | 0.058 | 0.000 | • | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.42 | 10.70 | | 32037 |
| | | | | lucci Iui | - | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 78.09 | 0.00 | | -0.804 | -0.42 | -0.09 | 0.021 | 1934 |
| | 0.557 | | 1722 | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.42 | 10.70 | | 32837 |
| | | | | Idectiful | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Deweill dilg | 2 | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 138.38 | 0.00 | | -0.804 | -0.74 | -0.17 | 0.021 | 1934 |
| | 0.557 | _ | 1723 | 0.082 | 0.103 | 0.000 | • | -0.022 | 0.00 | 33.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.74 | 33.1 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.187 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | Dewein ung | _ | | max | 0.166 | 33.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | 1.020110 | | 31.79 | 0.10 | | 0.500 | 0.000 | 0.037 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 78.09 | 0.00 | | -0.804 | -0.42 | -0.09 | 0.007 | 1934 |
| | 3.22, | _ | | 0.047 | 0.058 | 0.000 | • | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | 5.000 | min | | -0.42 | | | 52057 |
| | | | | | _ | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | James III am B | _ | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 140.83 | 0.00 | | -0.804 | -0.76 | -0.17 | | 1934 |
| | | | | 0.084 | 0.104 | 0.000 | | -0.022 | 0.00 | 33.73 | | 32837 |
| | | | | Material | 1 | | min | | -0.76 | | | |
| | | | | | _ | | max | 0.190 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | ang. | _ | | max | 0.169 | 33.73 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 32.35 | 0.10 | 198.1 | 0.500 | 0.000 | 0.038 | 0.47 ¹ |
| | | | | | | 22.55 | 3.10 | | 0.500 | 0.000 | 0.000 | 0. 17 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1074 | 0.997 | 2 | 1430 | 0.0 | 75.63 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.056 | 0.000 | | -0.012 | 0.00 | 18.11 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.41 | | | |
| | | | | | | | max | 0.102 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.091 | 18.11 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 18.11 | 476.82 | | 23.76 |
| | | | | | | 17.37 | 0.05 | 198.1 | 0.500 | 0.000 | 0.020 | 0.47¹ |
| 1075 | 0.000 | 2 | 1421 | 0.0 | 78.09 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 78.09 | 0.00 | - | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47¹ |
| | 0.000 | 2 | 1425 | 0.0 | 138.38 | 0.00 | | -0.804 | -0.74 | -0.17 | | 1934 |
| | | | | 0.082 | 0.103 | 0.000 | | -0.022 | 0.00 | 33.14 | | 32837 |
| | | | | Material | 1 | | min | -0.022 | -0.74 | | | |
| | | | | | | | max | 0.187 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | 0.166 | 33.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 33.14 | 476.84 | | 23.76 |
| | | | | | | 31.78 | 0.10 | | 0.500 | 0.000 | 0.037 | 0.47¹ |
| | 0.000 | 2 | 1426 | 0.0 | 78.09 | 0.00 | | -0.804 | -0.42 | -0.09 | | 1934 |
| | | | | 0.047 | 0.058 | 0.000 | | -0.012 | 0.00 | 18.70 | | 32837 |
| | | | | Material | 1 | | min | | -0.42 | | | |
| | | | | | | | max | 0.105 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.094 | 18.70 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.93 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47¹ |
| | 0.000 | 2 | 1429 | 0.0 | 140.84 | 0.00 | | -0.804 | -0.76 | -0.17 | | 1934 |
| | | | | 0.084 | 0.104 | 0.000 | | -0.022 | 0.00 | 33.73 | | 32837 |
| | | | | Material | 1 | | min | | -0.76 | | | |
| | | | | | | | max | 0.190 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | 0.169 | 33.73 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 32.35 | 0.10 | 198.1 | 0.500 | 0.000 | 0.038 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|----------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1075 | 0.000 | 2 | 1430 | 0.0 | 75.64 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.056 | 0.000 | | -0.012 | 0.00 | 18.11 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | | _ | | max | 0.102 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Jenem ung | _ | | max | 0.091 | 18.11 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 17.37 | 0.05 | 198.1 | 0.500 | 0.000 | 0.020 | 0.47 ¹ |
| 1075 | 0.997 | 2 | 1421 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.020 | 1934 |
| 1075 | 0.557 | | 1721 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.45 | | 32037 |
| | | | | Idectiful | | | max | 0.015 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 0.557 | | 1722 | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.45 | | 32837 |
| | | | | Idectiful | | | max | 0.015 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Deweill dilg | 2 | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 151.66 | 0.00 | | -0.804 | -0.81 | -0.19 | 0.023 | 1934 |
| | 0.337 | _ | 1.23 | 0.090 | 0.112 | 0.000 | • | -0.024 | 0.00 | 36.32 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.81 | 30.32 | | 32037 |
| | | | | liace. Iai | - | | max | 0.204 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | James III am B | _ | | max | 0.182 | 36.32 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | Lugzone | | 34.84 | 0.11 | 1 | 0.500 | | 0.041 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.011 | 1934 |
| | 3.22, | _ | | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 3.000 | min | | -0.46 | | | 52057 |
| | | | | | _ | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.10 | | | |
| | | | | James III am B | _ | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 153.87 | 0.00 | | -0.804 | -0.83 | -0.19 | | 1934 |
| | | | | 0.092 | 0.114 | 0.000 | - | -0.024 | 0.00 | 36.85 | | 32837 |
| | | | | Material | 1 | | min | | -0.83 | | | |
| | | | | | _ | | max | 0.207 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | _ | | max | 0.184 | 36.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | 0 | | 35.34 | 0.11 | 198.1 | 0.500 | | 0.041 | 0.47 ¹ |
| | | 7 | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1075 | 0.997 | 2 | 1430 | 0.0 | 83.11 | 0.00 | | -0.804 | -0.45 | -0.10 | | 1934 |
| | | | | 0.050 | 0.062 | 0.000 | | -0.013 | 0.00 | 19.90 | | 32837 |
| | | | | Material | 1 | | min | | -0.45 | | | |
| | | | | | _ | | max | 0.112 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Jenem ung | _ | | max | 0.100 | 19.90 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.09 | 0.06 | 198.1 | 0.500 | 0.000 | 0.022 | 0.47 ¹ |
| 1076 | 0.000 | 2 | 1421 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.022 | 1934 |
| 1070 | 0.000 | | 1721 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.43 | | 32037 |
| | | | | Idectiful | | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 0.000 | | 1722 | 0.051 | 0.063 | 0.000 | | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.45 | | 32837 |
| | | | | riacei Iai | _ | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | bewein ding | 2 | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.59 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 151.66 | 0.00 | | -0.804 | -0.81 | -0.19 | 0.023 | 1934 |
| | 0.000 | | 1423 | 0.090 | 0.112 | 0.000 | • | -0.024 | 0.00 | 36.32 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.81 | 30.32 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.204 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | Dewein ding | _ | | max | 0.182 | 36.32 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | _4620110 | | 34.84 | 0.11 | 1 | 0.500 | | 0.041 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 85.31 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.041 | 1934 |
| | 3.000 | _ | 1 120 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.43 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20.43 | | 32037 |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.10 | | | |
| | | | | zenem ung | 2 | | max | 0.102 | 20.43 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | 1.020110 | | 19.59 | 0.06 | | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 153.87 | 0.00 | | -0.804 | -0.83 | -0.19 | 0.023 | 1934 |
| | 3.303 | | | 0.092 | 0.114 | 0.000 | • | -0.024 | 0.00 | 36.85 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.83 | 20.03 | | 32037 |
| | | | | . Id CCI IdI | 1 | | max | 0.207 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | Jenem ung | | | max | 0.184 | 36.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | Lugzonc | | 35.34 | 0.11 | 198.1 | 0.500 | 0.000 | 0.041 | 0.47 ¹ |
| | | | | | | 55.54 | 0.11 | 170.1 | 3.500 | 3.000 | 3.071 | 0.77 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------------|------------------|----------------|----------------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1076 | 0.000 | 2 | 1430 | 0.0 | 83.11 | 0.00 | | -0.804 | -0.45 | -0.10 | | 1934 |
| | | | | 0.050 | 0.062 | 0.000 | | -0.013 | 0.00 | 19.90 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.45 | | | |
| | | | | | | | max | 0.112 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | - | | 0 500 | max | 0.100 | 19.90 | 476 00 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.90 | | 0 000 | 23.76 |
| 1076 | 0.007 | 2 | 1421 | 0.0 | 90. 30 | 19.09 | 0.06 | 198.1 | 0.500 | 0.000 -0.11 | 0.022 | 0.471 |
| 1076 | 0.997 | 2 | 1421 | 0.0 0.053 | 89.20 | 0.00 | | -0.804 | -0.48 0.00 | | | 1934 32837 |
| | | | | Material | 0.066 | 0.000 | min | -0.014 -0.014 | -0.48 | 21.36 | | 32837 |
| | | | | Material | | | | | 0.00 | | | |
| | | | | Powohnung | 2 | | max | 0.120 | | | | |
| | | | | Bewehrung | 2 | | min | 0.107 | -0.11 21.36 | | | |
| | | | | 71197000 | | 0.508 | max 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 89.20 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 0.997 | | 1422 | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.30 | | 32837 |
| | | | | Material | | | | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | max min | -0.001 | -0.11 | | | |
| | | | | bewein ung | 2 | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 158.91 | 0.00 | | -0.804 | -0.85 | -0.20 | 0.024 | 1934 |
| | | _ | | 0.095 | 0.118 | 0.000 | - | -0.025 | 0.00 | 38.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.85 | | | |
| | | | | | | | max | 0.214 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.190 | 38.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | | 476.85 | | 23.76 |
| | | | | | | 36.50 | 0.11 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 89.20 | 0.00 | | -0.804 | -0.48 | -0.11 | | 1934 |
| | | | | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.48 | | | |
| | | | | | | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.36 | 476.83 | | 23.76 |
| | | | | | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.471 |
| | 0.997 | 2 | 1429 | 0.0 | 160.88 | 0.00 | | -0.804 | -0.86 | -0.20 | | 1934 |
| | | | | 0.096 | 0.119 | 0.000 | | -0.025 | 0.00 | 38.53 | | 32837 |
| | | | | Material | 1 | | min | -0.025 | -0.86 | | | |
| | | | | | | | max | 0.217 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.193 | 38.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 36.95 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47¹ |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|----------------|--------------|---------------|----------------|--------|-------|----------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1076 | 0.997 | 2 | 1430 | 0.0 | 87.24 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 20.89 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.47 | | | |
| | | | | | _ | | max • | 0.118 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 20.89 | | | |
| | | | | 7 | | 0 500 | max | 0.104 | | 476 02 | | 22.76 |
| | | | | Zugzone | | 0.508 20.04 | 10.0 0.06 | 0.00 198.1 | 20.89 0.500 | 476.83 | 0.023 | 23.76 0.47 ¹ |
| 1077 | 0.000 | 2 | 1421 | 0.0 | 89.20 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.023 | 1934 |
| 10// | 0.000 | | 1421 | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.30 | | 32037 |
| | | | | riacei Tai | | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Deweill dilg | _ | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 89.20 | 0.00 | | -0.804 | -0.48 | -0.11 | 01021 | 1934 |
| | | | | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.48 | | | |
| | | | | | | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.36 | 476.83 | | 23.76 |
| | | | | | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.471 |
| | 0.000 | 2 | 1425 | 0.0 | 158.91 | 0.00 | | -0.804 | -0.85 | -0.20 | | 1934 |
| | | | | 0.095 | 0.118 | 0.000 | | -0.025 | 0.00 | 38.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.85 | | | |
| | | | | D l | 2 | | max | 0.214 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | 7.1.07.00.0 | | 0.508 | max 10.0 | 0.190 | 38.06 | 476.85 | | 23.76 |
| | | | | Zugzone | | 36.50 | 0.11 | 0.00 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 89.20 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.043 | 1934 |
| | 0.000 | _ | 1420 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.50 | | 32037 |
| | | | | 110001101 | - | | max | 0.120 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.107 | 21.36 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 20.49 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 160.88 | 0.00 | | -0.804 | -0.86 | -0.20 | | 1934 |
| | | | | 0.096 | 0.119 | 0.000 | | -0.025 | 0.00 | 38.53 | | 32837 |
| | | | | Material | 1 | | min | -0.025 | -0.86 | | | |
| | | | | | | | max | 0.217 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.193 | 38.53 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 36.95 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.471 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1077 | 0.000 | 2 | 1430 | 0.0 | 87.24 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 20.89 | | 32837 |
| | | | | Material | 1 | | min | | -0.47 | | | |
| | | | | | _ | | max | 0.118 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | - | | max | 0.104 | 20.89 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 20.89 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.04 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| 1077 | 0.997 | 2 | 1421 | 0.0 | 89.74 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.023 | 1934 |
| 1077 | 0.557 | | 1721 | 0.053 | 0.066 | 0.000 | • | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.48 | 21.45 | | 32037 |
| | | | | Idectiful | | | max | 0.121 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | ۷ | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.49 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.61 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 89.74 | 0.00 | | -0.804 | -0.48 | -0.11 | 0.024 | 1934 |
| | 0.557 | | 1722 | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.48 | 21.45 | | 32037 |
| | | | | Idectiful | | | max | 0.121 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | ۷ | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.49 | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.61 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 88.03 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.024 | 1934 |
| | 0.557 | _ | 1723 | 0.052 | 0.065 | 0.000 | • | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.014 | -0.47 | | | 32037 |
| | | | | Ideel Idi | - | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | bewein ung | _ | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 161.86 | 0.00 | | -0.804 | -0.87 | -0.20 | 0.02T | 1934 |
| | / | _ | | 0.096 | 0.120 | 0.000 | • | -0.025 | 0.00 | 38.77 | | 32837 |
| | | | | Material | 1 | 2.000 | min | -0.025 | -0.87 | | | 32037 |
| | | | | | _ | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.20 | | | |
| | | | | | _ | | max | 0.194 | 38.77 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | 38.77 | 476.85 | | 23.76 |
| | | | | | | 37.18 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 161.86 | 0.00 | | -0.804 | -0.87 | -0.20 | | 1934 |
| | , | | , | 0.096 | 0.120 | 0.000 | • | -0.025 | 0.00 | 38.77 | | 32837 |
| | | | | Material | 1 | | min | | -0.87 | | | |
| | | | | | _ | | max | 0.218 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | _ | | max | 0.194 | 38.77 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.77 | 476.85 | | 23.76 |
| | | | | | | 37.18 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | | | | | | 27,120 | 7,12 | | 0.500 | 0.000 | 0.0.5 | V. 1, |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1077 | 0.997 | 2 | 1430 | 0.0 | 88.03 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.47 | | | |
| | | | | | | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.08 | 476.83 | | 23.76 |
| | | | | | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| 1078 | 0.000 | 2 | 1421 | 0.0 | 89.74 | 0.00 | | -0.804 | -0.48 | -0.11 | | 1934 |
| | | | | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.48 | | | |
| | | | | | | | max | 0.121 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.49 | 476.83 | | 23.76 |
| | | | | | | 20.61 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 89.74 | 0.00 | | -0.804 | -0.48 | -0.11 | | 1934 |
| | | | | 0.053 | 0.066 | 0.000 | | -0.014 | 0.00 | 21.49 | | 32837 |
| | | | | Material | 1 | | min | | -0.48 | | | |
| | | | | | | | max | 0.121 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.107 | 21.49 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 21.49 | 476.83 | | 23.76 |
| | | | | | | 20.61 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 88.03 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | | min | -0.014 | -0.47 | | | |
| | | | | | | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | | | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 20.22 | 0.06 | 1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 161.86 | 0.00 | | -0.804 | -0.87 | -0.20 | | 1934 |
| | | | | 0.096 | 0.120 | 0.000 | | -0.025 | 0.00 | 38.77 | | 32837 |
| | | | | Material | 1 | | min | | -0.87 | | | |
| | | | | | | | max | 0.218 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.194 | 38.77 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.77 | 476.85 | | 23.76 |
| | | | | | | 37.18 | 0.12 | | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 161.86 | 0.00 | | -0.804 | -0.87 | -0.20 | | 1934 |
| | | | | 0.096 | 0.120 | 0.000 | | -0.025 | 0.00 | 38.77 | | 32837 |
| | | | | Material | 1 | | min | | -0.87 | | | |
| | | | | | | | max | 0.218 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.20 | | | |
| | | | | | | | max | 0.194 | 38.77 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 38.77 | 476.85 | | 23.76 |
| | | | | | | 37.18 | 0.12 | 198.1 | 0.500 | 0.000 | 0.043 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1078 | 0.000 | 2 | 1430 | 0.0 | 88.03 | 0.00 | | -0.804 | -0.47 | -0.11 | | 1934 |
| | | | | 0.052 | 0.065 | 0.000 | | -0.014 | 0.00 | 21.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.47 | | | |
| | | | | | _ | | max | 0.119 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Jenem ung | _ | | max | 0.105 | 21.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 20.22 | 0.06 | 198.1 | 0.500 | 0.000 | 0.024 | 0.47 ¹ |
| 1078 | 0.997 | 2 | 1421 | 0.0 | 86.94 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.024 | 1934 |
| 1070 | 0.557 | | 1721 | 0.052 | 0.064 | 0.000 | • | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.47 | 20.02 | | 32037 |
| | | | | I a c c i a i | | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.104 | 20.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.97 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 86.94 | 0.00 | | -0.804 | -0.47 | -0.11 | 0.023 | 1934 |
| | 0.557 | | 1722 | 0.052 | 0.064 | 0.000 | | -0.014 | 0.00 | 20.82 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.47 | 20.02 | | 32837 |
| | | | | liacci iai | | | max | 0.117 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.11 | | | |
| | | | | Deweill dilg | 2 | | max | 0.104 | 20.82 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 19.97 | 0.06 | 198.1 | 0.500 | 0.000 | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 85.47 | 0.00 | | -0.804 | -0.46 | -0.10 | 0.023 | 1934 |
| | 0.337 | _ | 1.23 | 0.051 | 0.063 | 0.000 | • | -0.013 | 0.00 | 20.47 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.46 | 20117 | | 32037 |
| | | | | liace. Iai | - | | max | 0.115 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.10 | | | |
| | | | | Jenem ung | _ | | max | 0.102 | 20.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Lugzonie | | 19.63 | 0.06 | | 0.500 | | 0.023 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 156.81 | 0.00 | | -0.804 | -0.84 | -0.19 | 0.023 | 1934 |
| | 3.22, | _ | | 0.093 | 0.116 | 0.000 | • | -0.025 | 0.00 | 37.56 | | 32837 |
| | | | | Material | 1 | 2.000 | min | | -0.84 | | | 52057 |
| | | | | | _ | | max | 0.211 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | _ | | max | 0.188 | 37.56 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | | | 36.02 | 0.11 | 198.1 | 0.500 | 0.000 | 0.042 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 156.81 | 0.00 | | -0.804 | -0.84 | -0.19 | | 1934 |
| | | | | 0.093 | 0.116 | 0.000 | | -0.025 | 0.00 | 37.56 | | 32837 |
| | | | | Material | 1 | | min | | -0.84 | | | |
| | | | | | _ | | max | 0.211 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | 2 | _ | | max | 0.188 | 37.56 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.85 | | 23.76 |
| | | | | 5== | | 36.02 | 0.11 | 198.1 | 0.500 | 0.000 | 0.042 | 0.47 ¹ |
| | | | | | | | | | | | | - • • • |

Model

| [kN] [kNm] [m] [m] [MPa] [MPa] ε-0 ky kz fact ε σ-max σ-s σ-t E [o/oo] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m] As-eff | Ey-eff [MPa] Ez-eff [MPa] [cm2] 1934 32837 23.76 0.471 1934 32837 |
|--|---|
| E-0 | Z-eff [MPa] [cm2] [o/o] 1934 32837 23.76 0.471 1934 |
| [o/oo] [1/km] [1/km] [-] [o/oo] [MPa] [MPa] [MPa] As-eff Sr[mm] E-sr c[mm] k2[-] k3[-] k4[-] p-eff c c c c c c c c c | [MPa] [cm2] [o/o] 1934 32837 23.76 0.47 ¹ 1934 |
| Bezeichnung | [cm2] [o/o] 1934 32837 23.76 0.47 ¹ 1934 |
| Sr[mm] E-Sr C[mm] k2[-] k3[-] k4[-] p-eff | 1934 32837 23.76 0.47 ¹ 1934 |
| 1078 0.997 2 1430 0.0 85.47 0.000.804 -0.46 -0.10 0.051 0.063 0.000 min -0.013 0.00 20.47 2ugzone 0.508 10.0 0.001 198.1 0.500 0.000 0.023 1079 0.000 2 1421 0.0 86.94 0.000 min -0.014 -0.47 0.11 0.00 | 1934 32837 23.76 0.47 ¹ 1934 |
| 0.051 0.063 0.000 -0.013 0.00 20.47 | 32837 23.76 0.47 ¹ 1934 |
| Material 1 | 23.76 0.47 ¹ 1934 |
| Bewehrung 2 | 0.47 ¹ 1934 |
| Bewehrung 2 min -0.001 -0.10 max 0.102 20.47 476.83 19.63 10.0 0.00 20.47 476.83 19.63 10.0 0.00 198.1 0.500 0.000 0.023 10.0 0.052 0.064 0.000 min -0.014 -0.47 -0.11 0.052 0.064 0.000 min -0.001 -0.11 max 0.104 20.82 | 0.47 ¹ 1934 |
| Max 0.102 20.47 476.83 19.63 0.06 198.1 0.500 0.000 0.023 1079 0.000 2 1421 0.0 86.94 0.00 -0.804 -0.47 -0.11 0.052 0.064 Material 1 max 0.117 0.00 min -0.001 -0.11 max 0.104 20.82 | 0.47 ¹ 1934 |
| Tugzone 0.508 10.0 0.00 20.47 476.83 19.63 0.06 198.1 0.500 0.000 0.023 1079 0.000 2 1421 0.0 86.94 0.00 -0.804 -0.47 -0.11 0.052 0.064 0.000 min -0.001 -0.11 0.000 0.023 0.000 0.023 0.000 | 0.47 ¹ 1934 |
| 19.63 0.06 198.1 0.500 0.000 0.023 1079 0.000 2 1421 0.0 86.94 0.000.804 -0.47 -0.11 0.052 0.064 0.000 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 max 0.104 20.82 Zugzone 0.508 10.0 0.00 20.82 476.83 19.97 0.06 198.1 0.500 0.000 0.023 0.000 2 1422 0.0 86.94 0.000.804 -0.47 -0.11 0.052 0.064 0.000 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 | 0.47 ¹ 1934 |
| 1079 0.000 2 1421 0.0 86.94 0.000.804 -0.47 -0.11 0.052 0.064 0.000 min -0.014 0.00 20.82 | 1934 |
| 0.052 0.064 0.000 | |
| Material 1 min -0.014 -0.47 0.00 max 0.117 0.00 min -0.001 -0.11 max 0.104 20.82 20. | 32837 |
| Bewehrung 2 | |
| Bewehrung 2 min -0.001 -0.11 max 0.104 20.82 20.82 476.83 19.97 0.06 198.1 0.500 0.000 0.023 0.000 2 1422 0.0 86.94 0.00 -0.804 -0.47 -0.11 0.052 0.064 0.000 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 0.001 -0.11 0.001 -0.11 0.001 -0.001 -0.11 0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.0001 -0.00000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.00000 -0.00000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.00000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.00000 -0.00000 -0.0000 -0.00000 -0.00000 -0.0000 -0.0000 -0.00000 -0. | |
| Max 0.104 20.82 | |
| Zugzone | |
| 19.97 0.06 198.1 0.500 0.000 0.023 | |
| 19.97 0.06 198.1 0.500 0.000 0.023 | 23.76 |
| 0.000 2 1422 0.0 86.94 0.00 -0.804 -0.47 -0.11 0.052 0.052 0.064 0.000 min -0.014 0.00 20.82 Material 1 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 | 0.471 |
| Material 1 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 | 1934 |
| Material 1 min -0.014 -0.47 max 0.117 0.00 Bewehrung 2 min -0.001 -0.11 | 32837 |
| | |
| | |
| | |
| | |
| Zugzone 0.508 10.0 0.00 20.82 476.83 | 23.76 |
| 19.97 0.06 198.1 0.500 0.000 0.023 | 0.471 |
| 0.000 2 1425 0.0 85.47 0.000.804 -0.46 -0.10 | 1934 |
| 0.051 0.063 0.000 -0.013 0.00 20.47 | 32837 |
| Material 1 min -0.013 -0.46 | |
| max 0.115 0.00 | |
| | |
| max 0.102 20.47 | |
| Zugzone 0.508 10.0 0.00 20.47 476.83 | 23.76 |
| 19.63 0.06 198.1 0.500 0.000 0.023 | 0.471 |
| 0.000 2 1426 0.0 156.81 0.000.804 -0.84 -0.19 | 1934 |
| 0.093 0.116 0.000 -0.025 0.00 37.56 | 32837 |
| Material 1 min -0.025 -0.84 | |
| max 0.211 0.00 | |
| | |
| max 0.188 37.56 | |
| Zugzone 0.508 10.0 0.00 37.56 476.85 | |
| 36.02 0.11 198.1 0.500 0.000 0.042 | 23.76 |
| 0.000 2 1429 0.0 156.81 0.000.804 -0.84 -0.19 | 23.76 0.47 ¹ |
| 0.093 0.116 0.000 -0.025 0.00 37.56 | |
| Material 1 min -0.025 -0.84 | 0.471 |
| max 0.211 0.00 | 0.47 ¹ 1934 |
| IIIUX V.ZII V.VV | 0.47 ¹ 1934 |
| | 0.47 ¹ 1934 |
| | 0.47 ¹ 1934 |
| | 0.47 ¹ 1934 |

Model

| Stab X[m] QNr | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|-------|------------|--------|--------|-------|--------|-------|--------|-------|------------|
| See | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | |
| No. Bezeichnung | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| 1879 0.000 2 1436 0.0 85.47 0.000 0.00 | | | | | | | [1/km] | | | [MPa] | [MPa] | | |
| 1879 | | | | | Bezeichnun | ıg | | D[mm] | | | | | |
| | | | | | | | sr[mm] | ε-sr | c[mm] | | | k4[-] | ρ-eff[o/o] |
| Material 1 | 1079 | 0.000 | 2 | 1430 | | 85.47 | 0.00 | | -0.804 | | | | |
| Bewehrung 2 | | | | | | 0.063 | 0.000 | | | | 20.47 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.013 | | | | |
| No.997 2 1421 0.0 0.00 0. | | | | | | | | max | | | | | |
| Table Tabl | | | | | Bewehrung | 2 | | min | | | | | |
| 19.63 | | | | | | | | | | | | | |
| 1079 0.997 2 1421 0.0 80.81 0.00 0.000 0.013 0.00 19.35 32837 | | | | | Zugzone | | | | | | | | |
| | | | | | | | | | | | | 0.023 | |
| Material 1 | 1079 | 0.997 | 2 | 1421 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | 19.35 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| No. | | | | | | _ | | | | | | | |
| No. | | | | | Bewehrung | 2 | | | | | | | |
| 0.997 2 1422 0.0 80.81 0.00 0.000 0.000 0.022 0.471 0.997 0.048 0.060 0.00 | | | | | _ | | 0. 500 | | | | 474 00 | | 22 74 |
| 0.997 2 1422 0.0 80.81 0.00 -0.804 -0.43 -0.10 1934 | | | | | Zugzone | | | | | | | | |
| 0.048 | | 0.007 | | 4400 | 2 2 | 00.04 | | | | | | 0.022 | |
| Material 1 | | 0.997 | 2 | 1422 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | • | | | 19.35 | | 32837 |
| Bewehrung 2 | | | | | Materiai | 1 | | | | | | | |
| No. | | | | | Dayrahayaa | 2 | | | | | | | |
| Zugzone | | | | | bewein ung | 2 | | | | | | | |
| 18.56 | | | | | Zugzono | | 0 500 | | | | 176 93 | | 22 76 |
| 0.997 2 1425 0.0 79.58 0.00 -0.804 -0.43 -0.10 1934 0.047 0.059 0.000 min -0.012 -0.43 0.047 0.059 0.000 min -0.012 -0.43 0.047 0.059 max 0.107 0.00 0.047 0.090 min -0.000 -0.10 0.047 0.090 19.06 2ugzone 0.508 10.0 0.00 19.06 476.83 23.76 0.997 2 1426 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 0.087 0.108 0.000 min -0.023 0.00 34.91 32837 0.997 2 1429 0.0 145.74 0.00 0.001 -0.18 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 2 1429 0.0 145.74 0.00 0.804 -0.78 -0.18 1934 0.997 0.087 0.108 0.000 min -0.023 0.00 34.91 32837 0.997 0.997 0.00 0.007 0.108 0.000 0.997 0.007 0.007 0.007 0.007 0.007 0.007 0.997 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.007 0.997 0.007 | | | | | Zugzone | | | | | | | a a22 | |
| 0.047 0.059 0.000 -0.012 0.00 19.06 32837 | | 0 997 | 2 | 1/125 | 9.0 | 79 58 | | | | | | 0.022 | |
| Material 1 | | 0.557 | _ | 1723 | | | | • | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | 13.00 | | 32037 |
| Bewehrung 2 | | | | | | _ | | | | | | | |
| Max 0.095 19.06 476.83 23.76 18.28 0.06 19.11 0.500 0.000 0.021 0.471 0.997 2 1426 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 0.007 0.108 0.000 min -0.023 -0.78 0.000 0.021 0.471 0.001 -0.18 max 0.196 0.000 0.000 0.039 0.471 0.997 2 1429 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 0.097 0.097 0.108 0.000 0.000 0.039 0.471 0.997 2 1429 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 0.007 0.00 | | | | | Bewehrung | 2 | | | | | | | |
| Zugzone | | | | | | | | max | | | | | |
| 18.28 | | | | | Zugzone | | 0.508 | | | | 476.83 | | 23.76 |
| 0.997 2 1426 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 | | | | | | | 18.28 | | | | | 0.021 | |
| 0.087 0.108 0.000 -0.023 0.00 34.91 32837 | | 0.997 | 2 | 1426 | 0.0 | 145.74 | | | | | | | |
| Material 1 | | | | | 0.087 | 0.108 | 0.000 | | -0.023 | 0.00 | 34.91 | | 32837 |
| Bewehrung 2 min -0.001 -0.18 max 0.175 34.91 | | | | | Material | 1 | | min | -0.023 | -0.78 | | | |
| Max 0.175 34.91 | | | | | | | | max | 0.196 | 0.00 | | | |
| Zugzone | | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| 0.997 2 1429 0.0 145.74 0.00 -0.804 -0.78 -0.18 1934 0.087 0.108 0.000 Material 1 Bewehrung 2 max 0.175 34.91 max 0.175 34.91 | | | | | | | | max | 0.175 | 34.91 | | | |
| 0.997 2 1429 0.0 145.74 0.000.804 -0.78 -0.18 1934 0.087 0.108 0.000 min -0.023 -0.78 max 0.196 0.00 min -0.001 -0.18 max 0.175 34.91 | | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 34.91 | 476.85 | | |
| 0.087 0.108 0.000 -0.023 0.00 34.91 32837 Material 1 min -0.023 -0.78 max 0.196 0.00 min -0.001 -0.18 max 0.175 34.91 0.001 -0.18 max 0.175 34.91 | | | | | | | | 0.10 | | | | 0.039 | |
| Material 1 min -0.023 -0.78 max 0.196 0.00 min -0.001 -0.18 max 0.175 34.91 | | 0.997 | 2 | 1429 | | | | | | | | | |
| max 0.196 0.00 | | | | | | 0.108 | 0.000 | | | | 34.91 | | 32837 |
| Bewehrung 2 min -0.001 -0.18 max 0.175 34.91 | | | | | Material | 1 | | min | | | | | |
| max 0.175 34.91 | | | | | | | | max | | | | | |
| | | | | | Bewehrung | 2 | | | | | | | |
| 0 500 40 0 0 04 476 05 02 76 | | | | | | | | | | | | | |
| | | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | | | 23.76 |
| 33.48 0.10 198.1 0.500 0.000 0.039 0.471 | | | | | | | 33.48 | 0.10 | 198.1 | 0.500 | 0.000 | 0.039 | 0.471 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1079 | 0.997 | 2 | 1430 | 0.0 | 79.58 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.047 | 0.059 | 0.000 | | -0.012 | 0.00 | 19.06 | | 32837 |
| | | | | Material | 1 | | min | -0.012 | -0.43 | | | |
| | | | | | | | max | 0.107 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.095 | 19.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.06 | 476.83 | | 23.76 |
| | | | | | | 18.28 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| 1080 | 0.000 | 2 | 1421 | 0.0 | 80.81 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.048 | 0.060 | 0.000 | | -0.013 | 0.00 | 19.35 | | 32837 |
| | | | | Material | 1 | | min | -0.013 | -0.43 | | | |
| | | | | | | | max | 0.109 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.097 | 19.35 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.35 | 476.83 | | 23.76 |
| | | | | | | 18.56 | 0.06 | 198.1 | 0.500 | 0.000 | 0.022 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 80.81 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.048 | 0.060 | 0.000 | | -0.013 | 0.00 | 19.35 | | 32837 |
| | | | | Material | 1 | | min | | -0.43 | | | |
| | | | | | | | max | 0.109 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.097 | 19.35 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 19.35 | 476.83 | | 23.76 |
| | | | | | | 18.56 | 0.06 | 198.1 | 0.500 | 0.000 | 0.022 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 79.58 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.047 | 0.059 | 0.000 | | -0.012 | 0.00 | 19.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.43 | | | |
| | | | | | | | max | 0.107 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | | | max | 0.095 | 19.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 18.28 | 0.06 | | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 145.74 | 0.00 | | -0.804 | -0.78 | -0.18 | | 1934 |
| | | | | 0.087 | 0.108 | 0.000 | | -0.023 | 0.00 | 34.91 | | 32837 |
| | | | | Material | 1 | | min | | -0.78 | | | |
| | | | | | | | max | 0.196 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | 0.175 | 34.91 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 34.91 | 476.85 | | 23.76 |
| | | | | | | 33.48 | 0.10 | | 0.500 | 0.000 | 0.039 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 145.74 | 0.00 | | -0.804 | -0.78 | -0.18 | | 1934 |
| | | | | 0.087 | 0.108 | 0.000 | - | -0.023 | 0.00 | 34.91 | | 32837 |
| | | | | Material | 1 | | min | | -0.78 | _ | | |
| | | | | | _ | | max | 0.196 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | _ | | max | 0.175 | 34.91 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 34.91 | 476.85 | | 23.76 |
| | | | | | | 33.48 | 0.10 | 198.1 | 0.500 | 0.000 | 0.039 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|--------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1080 | 0.000 | 2 | 1430 | 0.0 | 79.58 | 0.00 | | -0.804 | -0.43 | -0.10 | | 1934 |
| | | | | 0.047 | 0.059 | 0.000 | | -0.012 | 0.00 | 19.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.43 | | | |
| | | | | | _ | | max | 0.107 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.10 | | | |
| | | | | | - | | max | 0.095 | 19.06 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | Zugzone | | 18.28 | 0.06 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| 1080 | 0.997 | 2 | 1421 | 0.0 | 71.33 | 0.00 | | -0.804 | -0.38 | -0.09 | 0.021 | 1934 |
| 1000 | 0.557 | | 1721 | 0.042 | 0.053 | 0.000 | • | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.38 | 17.00 | | 32037 |
| | | | | Idectiful | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | bewein ung | ۷ | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 17.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 71.33 | 0.00 | | -0.804 | -0.38 | -0.09 | 0.015 | 1934 |
| | 0.557 | | 1722 | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.38 | 17.00 | | 32037 |
| | | | | Idectiful | | | max | 0.011 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | bewein ung | ۷ | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 17.08 | 476.83 | | 23.76 |
| | | | | Zugzone | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 70.35 | 0.00 | | -0.804 | -0.38 | -0.09 | 0.015 | 1934 |
| | 0.557 | | 1423 | 0.042 | 0.052 | 0.000 | • | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.011 | -0.38 | 10.05 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Dewein ung | _ | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 16.16 | 0.05 | 1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 128.64 | 0.00 | | -0.804 | -0.69 | -0.16 | 0.019 | 1934 |
| | 3.337 | _ | 1 120 | 0.077 | 0.095 | 0.000 | • | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.020 | -0.69 | 55.61 | | 32037 |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | Dewein ung | _ | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | 30.81 | 476.84 | | 23.76 |
| | | | | 20020110 | | 29.55 | 0.09 | | 0.500 | 0.000 | 0.035 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 128.64 | 0.00 | | -0.804 | -0.69 | -0.16 | 0.055 | 1934 |
| | 3.337 | | ± +2.7 | 0.077 | 0.095 | 0.000 | • | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.69 | 20.01 | | 32037 |
| | | | | . IG CCI IGI | 1 | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | bewein ung | 2 | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | Zugzone | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.47 ¹ |
| | | | | | | 20.00 | 0.03 | 1,0.1 | 0.500 | 0.000 | 0.000 | 0.47 |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1080 | 0.997 | 2 | 1430 | 0.0 | 70.35 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | -0.011 | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| 1081 | 0.000 | 2 | 1421 | 0.0 | 71.33 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 17.08 | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 71.33 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.053 | 0.000 | | -0.011 | 0.00 | 17.08 | | 32837 |
| | | | | Material | 1 | | min | | -0.38 | | | |
| | | | | | | | max | 0.096 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.085 | 17.08 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 16.38 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 70.35 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | | -0.38 | | | |
| | | | | | | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | | | | max | 0.084 | 16.85 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 16.16 | 0.05 | 1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 128.64 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | | -0.69 | | | |
| | | | | | | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | 0.0 | 128.64 | 0.00 | | -0.804 | -0.69 | -0.16 | | 1934 |
| | | | | 0.077 | 0.095 | 0.000 | - | -0.020 | 0.00 | 30.81 | | 32837 |
| | | | | Material | 1 | | min | | -0.69 | | | |
| | | | | | _ | | max | 0.173 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | _ | | max | 0.154 | 30.81 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 30.81 | 476.84 | | 23.76 |
| | | | | | | 29.55 | 0.09 | 198.1 | 0.500 | 0.000 | 0.035 | 0.47 ¹ |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1081 | 0.000 | 2 | 1430 | 0.0 | 70.35 | 0.00 | | -0.804 | -0.38 | -0.09 | | 1934 |
| | | _ | | 0.042 | 0.052 | 0.000 | | -0.011 | 0.00 | 16.85 | | 32837 |
| | | | | Material | 1 | | min | | -0.38 | 20105 | | 52057 |
| | | | | nacci zaz | - | | max | 0.095 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Deweill dilg | _ | | max | 0.084 | 16.85 | | | |
| | | | | 71197000 | | 0.508 | 10.0 | 0.00 | 16.85 | 476.82 | | 23.76 |
| | | | | Zugzone | | 16.16 | 0.05 | 198.1 | 0.500 | 0.000 | 0.019 | 0.47 ¹ |
| 1001 | 0.007 | 2 | 1421 | 0.0 | FO F1 | | | | | -0.07 | 0.019 | |
| 1081 | 0.997 | 2 | 1421 | 0.0 | 58.51 | 0.00 | | -0.804 | -0.32 | | | 1934 |
| | | | | 0.035 | 0.043 | 0.000 | | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.32 | | | |
| | | | | | _ | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 14.01 | | | 23.76 |
| | | | | | | 13.44 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 58.51 | 0.00 | | -0.804 | -0.32 | -0.07 | | 1934 |
| | | | | 0.035 | 0.043 | 0.000 | | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.32 | | | |
| | | | | | | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 14.01 | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.471 |
| | 0.997 | 2 | 1425 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.84 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.84 | 476.82 | | 23.76 |
| | | | | | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 105.52 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | -0.017 | -0.57 | | | |
| | | | | | | | max | | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.13 | | | |
| | | | | | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | | 25.27 | 476.84 | | 23.76 |
| | | | | | | 24.24 | 0.08 | | 0.500 | 0.000 | 0.028 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 105.52 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | 5.557 | | | 0.063 | 0.078 | 0.000 | • | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.57 | 23.27 | | 32037 |
| | | | | riacci Tai | 1 | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | peweill ulig | 2 | | | 0.126 | 25.27 | | | |
| | | | | 71197000 | | 0.508 | max 10.0 | | | 476.84 | | 23.76 |
| | | | | Zugzone | | | | 0.00 | | | 0 020 | |
| | | | | | | 24.24 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.47 ¹ |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1081 | 0.997 | 2 | 1430 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.84 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.84 | 476.82 | | 23.76 |
| | | | | | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47¹ |
| 1082 | 0.000 | 2 | 1421 | 0.0 | 58.51 | 0.00 | | -0.804 | -0.32 | -0.07 | | 1934 |
| | | | | 0.035 | 0.043 | 0.000 | | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | | -0.32 | | | |
| | | | | | | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47¹ |
| | 0.000 | 2 | 1422 | 0.0 | 58.51 | 0.00 | - | -0.804 | -0.32 | -0.07 | | 1934 |
| | | | | 0.035 | 0.043 | 0.000 | | -0.009 | 0.00 | 14.01 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.32 | | | |
| | | | | | | | max | 0.079 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.070 | 14.01 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 13.44 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47¹ |
| | 0.000 | 2 | 1425 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.84 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | | | | max | 0.069 | 13.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 13.84 | 476.82 | | 23.76 |
| | | | | | | 13.27 | 0.04 | | 0.500 | 0.000 | 0.016 | 0.471 |
| | 0.000 | 2 | 1426 | 0.0 | 105.52 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | -0.017 | -0.57 | | | |
| | | | | | | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 24.24 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.471 |
| | 0.000 | 2 | 1429 | 0.0 | 105.52 | 0.00 | | -0.804 | -0.57 | -0.13 | | 1934 |
| | | | | 0.063 | 0.078 | 0.000 | | -0.017 | 0.00 | 25.27 | | 32837 |
| | | | | Material | 1 | | min | -0.017 | -0.57 | | | |
| | | | | | | | max | 0.142 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | | | | max | 0.126 | 25.27 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.84 | | 23.76 |
| | | | | | | 24.24 | 0.08 | 198.1 | 0.500 | 0.000 | 0.028 | 0.471 |
| | | | | | | | | | | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|---------------------------------------|--------|--------------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1082 | 0.000 | 2 | 1430 | 0.0 | 57.77 | 0.00 | | -0.804 | -0.31 | -0.07 | | 1934 |
| | | | | 0.034 | 0.043 | 0.000 | | -0.009 | 0.00 | 13.84 | | 32837 |
| | | | | Material | 1 | | min | -0.009 | -0.31 | | | |
| | | | | | _ | | max | 0.078 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.07 | | | |
| | | | | Jenem ung | _ | | max | 0.069 | 13.84 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | Zugzone | | 13.27 | 0.04 | 198.1 | 0.500 | 0.000 | 0.016 | 0.47 ¹ |
| 1082 | 0.997 | 2 | 1421 | 0.0 | 42.35 | 0.00 | | -0.804 | -0.23 | -0.05 | 0.010 | 1934 |
| 1002 | 0.557 | | 1721 | 0.025 | 0.031 | 0.000 | • | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.007 | -0.23 | 10.14 | | 32037 |
| | | | | I I I I I I I I I I I I I I I I I I I | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | Deweill dilg | ۷ | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 42.35 | 0.00 | | -0.804 | -0.23 | -0.05 | 0.011 | 1934 |
| | 0.557 | | 1422 | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.007 | -0.23 | 10.14 | | 32837 |
| | | | | riacei iai | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | bewein ung | 2 | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 41.86 | 0.00 | | -0.804 | -0.23 | -0.05 | 0.011 | 1934 |
| | 0.557 | _ | 1723 | 0.025 | 0.031 | 0.000 | • | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.23 | 10.02 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | Dewein ung | _ | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.61 | 0.03 | 1 | 0.500 | | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | 0.011 | 1934 |
| | / | _ | | 0.045 | 0.057 | 0.000 | • | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | 2.000 | min | | -0.41 | | | 52057 |
| | | | | | _ | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.09 | | | |
| | | | | | _ | | max | 0.091 | 18.29 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.54 | 0.05 | 198.1 | 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | 3.22, | | | 0.045 | 0.057 | 0.000 | • | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | | | | max | 0.103 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Jenem ung | | | max | 0.091 | 18.29 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.83 | | 23.76 |
| | | | | | | 17.54 | 0.05 | 198.1 | 0.500 | | 0.021 | 0.47 ¹ |
| | | | | | | ±, , , , , + | 0.03 | | 3.500 | 7.000 | 3.021 | J. 77 |

Model

| 1082 | | QNr 2 | 1430 | Ni [kN] ε-θ [o/oo] Bezeichnun 0.0 0.025 Material Bewehrung | Myi [kNm] ky [1/km] ng 41.86 0.031 | Mzi [kNm] kz [1/km] h[m] sr[mm] 0.00 | yn [m] fact [-] D[mm] ε-sr | zn [m] ε [o/oo] w[mm] c[mm] | σ-min [MPa] σ-max [MPa] σ k2[-] -0.23 | σ-s [MPa] σ-s [MPa] σ-sr k3[-] | σ-t [MPa] σ-t [MPa] a[m] k4[-] | ρ-eff[o/o] |
|------|-------|----------|------|--|--|--|--|---|--|---|---|--|
| | 0.997 | 2 | 1430 | ε-0 [o/oo] Bezeichnun 0.0 0.025 Material | ky [1/km] ng 41.86 0.031 | kz [1/km] h[m] sr[mm] 0.00 | fact [-] D[mm] ε-sr | ε [o/oo] w[mm] c[mm] | σ-max [MPa] σ k2[-] | σ-s [MPa] σ-sr k3[-] | σ-t [MPa] a[m] | Ez-eff [MPa] As-eff[cm2] p-eff[o/o] |
| | 0.997 | 2 | 1430 | [o/oo] Bezeichnun 0.0 0.025 Material | [1/km] ng 41.86 0.031 | [1/km] h[m] sr[mm] 0.00 | [-] D[mm] ε-sr | [0/00] w[mm] c[mm] -0.804 | [MPa] σ k2[-] | [MPa] σ-sr k3[-] | [MPa] a[m] | [MPa] As-eff[cm2] ρ-eff[o/o] |
| | 0.997 | 2 | 1430 | 0.0 0.025 Material | 41.86 0.031 | h[m] sr[mm] 0.00 | D[mm] ε-sr | w[mm] c[mm] -0.804 | σ k2[-] | σ-sr k3[-] | a[m] | As-eff[cm2] ρ-eff[o/o] |
| | 0.997 | 2 | 1430 | 0.0 0.025 Material | 41.86 0.031 | sr[mm] 0.00 | ε-sr | c[mm] -0.804 | k2[-] | k3[-] | | ρ-eff[o/o] |
| | 0.997 | 2 | 1430 | 0.025 Material | 0.031 | 0.00 | | -0.804 | | | k4[-] | |
| | 0.997 | 2 | 1430 | 0.025 Material | 0.031 | | | | -0.23 | Q QE | | |
| 1083 | | | | Material | | 0.000 | | | | -0.65 | | 1934 |
| 1083 | | | | | 1 | | | -0.007 | 0.00 | 10.02 | | 32837 |
| 1083 | | | | Bewehrung | | | min | -0.007 | -0.23 | | | |
| 1083 | | | | Bewehrung | | | max | 0.056 | 0.00 | | | |
| 1083 | | | | | 2 | | min | -0.000 | -0.05 | | | |
| 1083 | | | | | | | max | 0.050 | 10.02 | | | |
| 1083 | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| 1083 | | | | | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| 1003 | 0.000 | 2 | 1421 | 0.0 | 42.35 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.14 | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 42.35 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.14 | | 32837 |
| | | | | Material | 1 | | min | | -0.23 | | | |
| | | | | | | | max | 0.057 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.051 | 10.14 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.14 | 476.82 | | 23.76 |
| | | | | | | 9.73 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 41.86 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | | min | -0.007 | -0.23 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.000 | 2 | 1426 | 0.0 | 76.37 | 0.00 | | -0.804 | -0.41 | -0.09 | | 1934 |
| | | | | 0.045 | 0.057 | 0.000 | | -0.012 | 0.00 | 18.29 | | 32837 |
| | | | | Material | 1 | | min | | -0.41 | | | |
| | | | | | | | max | 0.103 | 0.00 | | | |
| | | | | | | | | | | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.09 | | | |
| | | | | Bewehrung | 2 | | min max | 0.091 | -0.09 18.29 | | | |
| | | | | Bewehrung Zugzone | 2 | 0.508 | | | 18.29 | 476.82 | | 23.76 |
| | | | | | 2 | 0.508 17.54 | max | 0.091 | 18.29 | 476.82 0.000 | 0.021 | 23.76 0.47 ¹ |
| | 0.000 | 2 | 1429 | | 76.37 | | max 10.0 | 0.091 | 18.29 18.29 | | 0.021 | |
| | 0.000 | 2 | 1429 | Zugzone | | 17.54 | max 10.0 0.05 | 0.091 0.00 198.1 | 18.29 18.29 0.500 | 0.000 | 0.021 | 0.47 ¹ |
| | 0.000 | 2 | 1429 | Zugzone | 76.37 | 17.54 0.00 | max 10.0 0.05 | 0.091 0.00 198.1 -0.804 -0.012 | 18.29 18.29 0.500 -0.41 | 0.000 | 0.021 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1429 | Zugzone 0.0 0.045 | 76.37 0.057 | 17.54 0.00 | max 10.0 0.05 | 0.091 0.00 198.1 -0.804 -0.012 | 18.29 18.29 0.500 -0.41 0.00 | 0.000 | 0.021 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1429 | Zugzone 0.0 0.045 | 76.37 0.057 | 17.54 0.00 | max 10.0 0.05 | 0.091 0.00 198.1 -0.804 -0.012 -0.012 | 18.29 18.29 0.500 -0.41 0.00 -0.41 | 0.000 | 0.021 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1429 | Zugzone 0.0 0.045 Material | 76.37 0.057 1 | 17.54 0.00 | max 10.0 0.05 min max | 0.091 0.00 198.1 -0.804 -0.012 -0.012 0.103 | 18.29 18.29 0.500 -0.41 0.00 -0.41 0.00 | 0.000 | 0.021 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1429 | Zugzone 0.0 0.045 Material | 76.37 0.057 1 | 17.54 0.00 | max 10.0 0.05 min max min | 0.091 0.00 198.1 -0.804 -0.012 -0.012 0.103 -0.000 | 18.29 18.29 0.500 -0.41 0.00 -0.41 0.00 -0.09 | 0.000 -0.09 18.29 | 0.021 | 0.47 ¹ 1934 |
| | 0.000 | 2 | 1426 | Zugzone 0.0 0.045 | 76.37 0.057 | 9.61 | max 10.0 0.03 min max | 0.050 0.00 198.1 -0.804 -0.012 -0.012 0.103 | 10.02 10.02 0.500 -0.41 0.00 -0.41 0.00 | 0.000 | 0.011 | 0.4 19 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1083 | 0.000 | 2 | 1430 | 0.0 | 41.86 | 0.00 | | -0.804 | -0.23 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.007 | 0.00 | 10.02 | | 32837 |
| | | | | Material | 1 | | min | | -0.23 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.050 | 10.02 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 10.02 | 476.81 | | 23.76 |
| | | | | | | 9.61 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| 1083 | 0.997 | 2 | 1421 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | _ | | 0.014 | 0.017 | 0.000 | • | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | | min | | -0.12 | | | |
| | | | | | _ | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | Series as a | _ | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.47 | 476.81 | | 23.76 |
| | | | | | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.997 | 2 | 1422 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | 0.000 | 1934 |
| | 0.337 | _ | | 0.014 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.004 | -0.12 | 3.47 | | 32037 |
| | | | | 110001101 | - | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | Dewein ding | | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.47 | 476.81 | | 23.76 |
| | | | | Zugzone | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.997 | 2 | 1425 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | 0.000 | 1934 |
| | 0.557 | _ | 1723 | 0.013 | 0.017 | 0.000 | • | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.004 | -0.12 | 3.11 | | 32037 |
| | | | | Ideel Idi | - | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | Dewein ung | _ | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | Zugzone | | 5.19 | 0.02 | | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.997 | 2 | 1426 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | 0.000 | 1934 |
| | 3.337 | _ | 1 120 | 0.025 | 0.031 | 0.000 | • | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.006 | -0.22 | 3.07 | | 32037 |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.05 | | | |
| | | | | Dewein ung | 2 | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 9.87 | 476.81 | | 23.76 |
| | | | | _4620110 | | 9.46 | 0.03 | | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | 0.997 | 2 | 1429 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | 0.011 | 1934 |
| | 0.557 | | 1-727 | 0.025 | 0.031 | 0.000 | • | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.22 | 5.07 | | 32037 |
| | | | | . Id CCI Tal | 1 | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | bewein ung | 2 | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.049 | 9.87 | 476.81 | | 23.76 |
| | | | | Zugzone | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47 ¹ |
| | | | | | | 2.40 | 0.03 | 1,0.1 | 0.500 | 0.000 | 0.011 | 0.47 |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|--------|-------|-------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1083 | 0.997 | 2 | 1430 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47¹ |
| 1084 | 0.000 | 2 | 1421 | 0.0 | 22.84 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.014 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.47 | 476.81 | | 23.76 |
| | | | | | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.000 | 2 | 1422 | 0.0 | 22.84 | 0.00 | - | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.014 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.47 | | 32837 |
| | | | | Material | 1 | | min | | -0.12 | | | |
| | | | | | | | max | 0.031 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.47 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | | 23.76 |
| | | | | | | 5.25 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47 ¹ |
| | 0.000 | 2 | 1425 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| | | | | 0.013 | 0.017 | 0.000 | | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | | min | -0.004 | -0.12 | | | |
| | | | | | | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | | | | max | 0.027 | 5.41 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 5.41 | 476.81 | | 23.76 |
| | | | | | | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.47¹ |
| | 0.000 | 2 | 1426 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | | min | | -0.22 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.82 | | 23.76 |
| | | | | | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.47¹ |
| | 0.000 | 2 | 1429 | 0.0 | 41.20 | 0.00 | | -0.804 | -0.22 | -0.05 | | 1934 |
| | | | | 0.025 | 0.031 | 0.000 | | -0.006 | 0.00 | 9.87 | | 32837 |
| | | | | Material | 1 | | min | -0.006 | -0.22 | | | |
| | | | | | | | max | 0.056 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.05 | | | |
| | | | | | | | max | 0.049 | 9.87 | | | |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | 9.87 | 476.82 | | 23.76 |
| | | | | | | 9.46 | 0.03 | 198.1 | 0.500 | 0.000 | 0.011 | 0.471 |
| | | | | | | | | | | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|--------------|--------|--------|-------|--------|-------|--------|-------|---------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | • | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1084 | 0.000 | 2 | 1430 | 0.0 | 22.60 | 0.00 | | -0.804 | -0.12 | -0.03 | | 1934 |
| 1004 | 0.000 | _ | 1430 | 0.013 | 0.017 | 0.000 | • | -0.004 | 0.00 | 5.41 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.004 | -0.12 | 3.41 | | 32037 |
| | | | | Idectiful | - | | max | 0.030 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.000 | -0.03 | | | |
| | | | | beweinfung | 2 | | | 0.027 | 5.41 | | | |
| | | | | 7 | | 0 500 | max | | | 476 01 | | 22.76 |
| | | | | Zugzone | | 0.508 | 10.0 | 0.00 | | 476.81 | 0.006 | 23.76 |
| 1001 | 0.007 | | 4 4 2 4 | | 0.00 | 5.19 | 0.02 | 198.1 | 0.500 | 0.000 | 0.006 | 0.471 |
| 1084 | 0.997 | 2 | 1421 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.997 | 2 | 1422 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.997 | 2 | 1425 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |
| | 0.997 | 2 | 1426 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | | _ | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | _ | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | 2.000 | 0.00 | | | 0.00 |
| | 0.997 | 2 | 1429 | 0.0 | 0.00 | 0.00 | | | 0.00 | 0.00 | | 32837 |
| | 0.557 | _ | - F2J | 0.000 | 0.000 | 0.000 | • | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | 0.000 | min | 0.000 | 0.00 | 5.00 | | 32037 |
| | | | | . Id cci Idi | Ţ | | max | 0.000 | 0.00 | | | |
| | | | | Rouchnung | 2 | | | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | | | | |
| | | | | 7.1.07.07.0 | | 0.000 | max | 0.000 | 0.00 | | | 0.00 |
| | 0.997 | 2 | 1430 | Zugzone | 0.00 | 0.800 | 10.0 | | 0.00 | 0.00 | | 0.00 32837 |
| | 0.997 | 2 | 1430 | 0.0 | | | | | 0.00 | | | |
| | | | | 0.000 | 0.000 | 0.000 | | 0.000 | 0.00 | 0.00 | | 32837 |
| | | | | Material | 1 | | min | 0.000 | 0.00 | | | |
| | | | | _ | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | 0.000 | 0.00 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |

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Model

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|------|-------------|-----------------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1085 | 0.000 | 2 | 1421 | -46.8 | -8.67 | 0.00 | | -1.866 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | | | | max | -0.000 | -0.07 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -13.30 | 0.00 | | -3.492 | -0.08 | -0.47 | | 32837 |
| | | | | -0.002 | -0.001 | 0.000 | | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.47 | | | |
| | | | | | | | | -0.001 | -0.29 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -15.63 | 0.00 | | -1.865 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | 0.000 | | 4426 | 05.0 | 6 22 | 0.00 | | -0.001 | -0.14 | 0.22 | | 22027 |
| | 0.000 | 2 | 1426 | -96.8 | -6.33 | 0.00 | 7 | -5.282 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | D b | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 0.000 | 2 | 1420 | -96.8 | 6 22 | 0.00 | _ | -0.001 -5.282 | -0.23 | -0.32 | | 32837 |
| | 0.000 | 2 | 1429 | -0.001 | -6.33 -0.000 | 0.000 | | -0.002 | -0.06 -0.04 | -0.32 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.04 | -0.23 | | 32637 |
| | | | | macer tat | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | Dewein ding | _ | | | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -15.63 | 0.00 | | -1.865 | -0.25 | -0.34 | | 32837 |
| | 0.000 | _ | 1450 | -0.001 | -0.001 | 0.000 | • | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.1 | | 32037 |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | _ | | | -0.001 | -0.14 | | | |
| 1085 | 1.003 | 2 | 1421 | -46.8 | -8.11 | 0.00 | | -1.995 | -0.03 | -0.19 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | | | | | -0.000 | -0.08 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -12.47 | 0.00 | | -3.724 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.46 | | | |
| | | | | | | | | -0.001 | -0.30 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -14.62 | 0.00 | | -1.994 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -5.96 | 0.00 | | -5.617 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -5.96 | 0.00 | | -5.617 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -14.62 | 0.00 | | -1.994 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| 1086 | 0.000 | 2 | 1421 | -46.8 | -8.11 | 0.00 | | -1.995 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | | | | max | | -0.08 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -12.47 | 0.00 | | | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.46 | | | |
| | | | | | | | max | -0.001 | -0.30 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -14.62 | 0.00 | | | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | | _ | | | -0.001 | -0.14 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -5.96 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | 8 | _ | | | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -5.96 | 0.00 | | -5.617 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | ung | | | | -0.001 | -0.23 | | | |
| | | | | | | | IIIax | 0.001 | 0.23 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|---------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1086 | 0.000 | 2 | 1430 | -84.3 | -14.62 | 0.00 | | -1.994 | -0.06 | -0.34 | | 32837 |
| 2000 | 0.000 | _ | 1130 | -0.001 | -0.001 | 0.000 | • | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.1 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | bewein ding | 2 | | max | | -0.14 | | | |
| 1086 | 1.003 | 2 | 1421 | -46.8 | -7.55 | 0.00 | | -2.143 | -0.14 | -0.18 | | 32837 |
| 1000 | 1.005 | | 1421 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.18 | | 32837 |
| | | | | Material | | 0.000 | | -0.001 | -0.03 | -0.00 | | 32637 |
| | | | | Macerial | 1 | | | ł | 1 | | | |
| | | | | D b | 2 | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | 4 000 | _ | 4.400 | 424.2 | 44.64 | 0.00 | max | | -0.08 | 0.46 | | 22027 |
| | 1.003 | 2 | 1422 | -134.3 | -11.64 | 0.00 | | | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -13.61 | 0.00 | 7 | -2.143 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -5.58 | 0.00 | | -5.999 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -5.58 | 0.00 | | | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | _ | | max | | -0.24 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -13.61 | 0.00 | | | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | 2337 |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.15 | | | |
| 1087 | 0.000 | 2 | 1421 | -46.8 | -7.55 | 0.00 | | -2.143 | -0.03 | -0.18 | | 32837 |
| 1007 | 3.000 | 4 | 1741 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.18 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.00 | | 52057 |
| | | | | nacci Iai | 4 | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.18 | | | |
| | | | | peweili, niig | 2 | | | | | | | |
| | 0.000 | 2 | 1422 | 124.2 | 11 (4 | 0.00 | | -0.000 | -0.08 | 0.46 | | 22027 |
| | 0.000 | 2 | 1422 | -134.3 | -11.64 | 0.00 | | | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.46 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.30 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -13.61 | 0.00 | | -2.143 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | | -0.15 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -5.58 | 0.00 | | -5.999 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -5.58 | 0.00 | | -5.999 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -13.61 | 0.00 | ٠.٠ | -2.143 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| 1087 | 1.003 | 2 | 1421 | -46.8 | -6.98 | 0.00 | | -2.315 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -10.81 | 0.00 | | | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | | | | | | -0.002 | -0.31 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -12.60 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | | -0.16 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -5.20 | 0.00 | | | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |

Mode1

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---|------------|--------|--------|-------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1087 | 1.003 | 2 | 1429 | -96.8 | -5.20 | 0.00 | | -6.436 | -0.05 | -0.31 | K-T[] | 32837 |
| 1007 | 1.003 | | 1423 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | | | 0.000 | | | | -0.24 | | 32637 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |
| 1088 | 0.000 | 2 | 1421 | -46.8 | -6.98 | 0.00 | | -2.315 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -10.81 | 0.00 | 7 | -4.296 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | | Jenem ung | _ | | | -0.002 | -0.31 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | 0.000 | _ | 1723 | -0.001 | -0.001 | 0.000 | • | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.10 | | 32037 |
| | | | | liacci Iai | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.16 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -5.20 | 0.00 | | -6.436 | -0.16 | -0.31 | | 32837 |
| | 0.000 | | 1420 | - | | | | | | | | |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 -0.05 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | | | | |
| | | | | | • | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | 4 | 25.0 | | 2 22 | | -0.001 | -0.24 | 0.04 | | 20027 |
| | 0.000 | 2 | 1429 | -96.8 | -5.20 | 0.00 | | -6.436 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1430 | | -12.60 | 0.00 | | -2.314 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.001 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |
| 1088 | 1.003 | 2 | 1421 | -46.8 | -6.42 | 0.00 | | -2.517 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | | | | | | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -9.98 | 0.00 | | -4.652 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.45 | | | |
| | | | | | | | max | | -0.31 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -11.59 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | | -0.16 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -4.82 | 0.00 | | -6.941 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -4.82 | 0.00 | · | -6.941 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | max | | -0.24 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -11.59 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |
| 1089 | 0.000 | 2 | 1421 | -46.8 | -6.42 | 0.00 | | | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | _ | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.18 | | | |
| | | | | | | | | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -9.98 | 0.00 | | | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | _ | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | 4.55 | 200 | | | max | | -0.31 | | | 25.55 |
| | 0.000 | 2 | 1425 | -84.3 | -11.59 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | D | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.16 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1089 | 0.000 | 2 | 1426 | -96.8 | -4.82 | 0.00 | | -6.941 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -4.82 | 0.00 | | -6.941 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | _ | | | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -11.59 | 0.00 | | -2.516 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | - | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.16 | | | |
| 1089 | 1.003 | 2 | 1421 | -46.8 | -5.86 | 0.00 | | -2.757 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.17 | | | |
| | | | | | _ | | | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -9.15 | 0.00 | | -5.073 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | | | | | -0.002 | -0.32 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -10.58 | 0.00 | | -2.757 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | | -0.001 | -0.17 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -4.47 | 0.00 | | -7.486 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -4.47 | 0.00 | | -7.486 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -10.58 | 0.00 | | -2.757 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |

Model

| Stab X M QNr C M C N (km) | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| Martial Mart | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| Name | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| 1090 0.000 2 1422 -134.3 -9.15 0.000 -0.0 | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| 1090 | | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| 1090 | | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | | max | -0.001 | -0.17 | | | |
| Material | 1090 | 0.000 | 2 | 1421 | -46.8 | -5.86 | 0.00 | | -2.757 | -0.03 | -0.17 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| Bewehrung Canal | | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| Material Sewehrung Seweh | | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| -0.002 -0.000 -0.000 max -0.002 -0.05 -0.32 32837 max -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 32837 min -0.002 -0.03 -0.17 -0.001 -0.000 max -0.001 -0.03 min -0.002 -0.05 max -0.001 -0.24 -0.24 32837 -0.001 -0.000 max -0.001 -0.02 -0.05 max -0.001 -0.04 min -0.002 -0.05 max -0.001 -0.24 -0.24 -0.001 -0.000 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.03 min -0.002 -0.05 -0.17 -0.000 -0.000 max -0.001 -0.03 min -0.002 -0.05 -0.000 -0 | | | | | | | | max | -0.000 | -0.09 | | | |
| Material | | 0.000 | 2 | 1422 | -134.3 | -9.15 | 0.00 | | -5.073 | -0.08 | -0.44 | | 32837 |
| Note | | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| Note | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | max | -0.002 | -0.05 | | | |
| 0.000 2 | | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | | max | -0.002 | -0.32 | | | |
| Material 1 | | 0.000 | 2 | 1425 | -84.3 | -10.58 | 0.00 | | -2.757 | -0.06 | -0.31 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| Bewehrung Control Co | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| Material | | | | | | | | max | -0.001 | -0.03 | | | |
| 0.000 2 | | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | | max | -0.001 | -0.17 | | | |
| Material 1 | | 0.000 | 2 | 1426 | -96.8 | -4.47 | 0.00 | -,- | -7.486 | -0.05 | -0.30 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| 0.000 2 1429 -96.8 -4.47 0.00 -7.486 -0.05 -0.30 32837 -0.001 -0.000 Material 1 min -0.002 -0.04 -0.24 32837 -0.001 -0.000 max -0.001 -0.04 min -0.002 -0.30 max -0.001 -0.04 min -0.002 -0.30 max -0.001 -0.24 | | | | | | | | max | -0.001 | -0.04 | | | |
| 0.000 2 1429 | | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| 1.003 2 1421 -0.000 -0.000 -0.000 -0.001 -0.000 -0.001 | | | | | | | | max | -0.001 | -0.24 | | | |
| Material 1 | | 0.000 | 2 | 1429 | -96.8 | -4.47 | 0.00 | | -7.486 | -0.05 | -0.30 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| Material | | | | | | | | max | -0.001 | -0.04 | | | |
| 0.000 2 1430 | | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.24 | | | |
| Material 1 | | 0.000 | 2 | 1430 | -84.3 | -10.58 | 0.00 | | -2.757 | -0.06 | -0.31 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | -0.000 | 0.000 | | | | -0.17 | | 32837 |
| Bewehrung 2 min -0.002 -0.31 max -0.001 -0.17 | | | | | Material | 1 | | min | -0.002 | | | | |
| 1090 1.003 2 1421 -46.8 -5.30 0.00 -3.049 -0.03 -0.17 32837 -0.001 -0.000 0.000 -0.001 -0.02 -0.10 32837 -0.001 -0.000 -0.001 -0.03 | | | | | | | | max | -0.001 | | | | |
| 1090 1.003 2 1421 | | | | | Bewehrung | 2 | | | | | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.17 | | | |
| Material 1 min -0.001 -0.03 max -0.000 -0.02 min -0.001 -0.17 max -0.000 -0.10 1.003 2 1422 -134.3 -8.32 0.005.579 -0.08 -0.44 32837 -0.002 -0.002 0.000 min -0.002 -0.05 min -0.002 -0.08 max -0.002 -0.08 min -0.002 -0.08 min -0.002 -0.05 min -0.002 -0.05 min -0.002 -0.44 | 1090 | 1.003 | 2 | 1421 | | | | | | | | | |
| Bewehrung 2 | | | | | | -0.000 | 0.000 | | -0.001 | | -0.10 | | 32837 |
| Bewehrung 2 min -0.001 -0.17 max -0.000 -0.10 | | | | | Material | 1 | | min | -0.001 | | | | |
| 1.003 2 1422 -134.3 -8.32 0.00 -5.579 -0.08 -0.44 32837 -0.002 -0.000 0.000 min -0.002 -0.05 min -0.002 -0.05 | | | | | | | | max | -0.000 | | | | |
| 1.003 2 1422 -134.3 -8.32 0.005.579 -0.08 -0.44 32837 -0.002 -0.000 0.000 min -0.002 -0.08 max -0.002 -0.05 Bewehrung 2 min -0.002 -0.44 Bewehrung 2 min -0.002 -0.44 | | | | | Bewehrung | 2 | | min | -0.001 | | | | |
| -0.002 | | | | | | | | max | -0.000 | -0.10 | | | |
| Material 1 min -0.002 -0.08 max -0.002 -0.05 min -0.002 -0.44 Bewehrung 2 min -0.002 -0.44 | | 1.003 | 2 | 1422 | -134.3 | -8.32 | 0.00 | | -5.579 | -0.08 | -0.44 | | 32837 |
| max -0.002 -0.05 min -0.002 -0.44 | | | | | -0.002 | -0.000 | 0.000 | | -0.002 | | -0.33 | | 32837 |
| | | | | | Material | 1 | | min | -0.002 | | | | |
| | | | | | | | | | | | | | |
| max -0.002 -0.33 | | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | | max | -0.002 | -0.33 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|--------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1090 | 1.003 | 2 | 1425 | -84.3 | -9.57 | 0.00 | | -3.048 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -4.09 | 0.00 | | -8.183 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -4.09 | 0.00 | | -8.183 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -9.57 | 0.00 | 7 | -3.048 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.18 | | | |
| 1091 | 0.000 | 2 | 1421 | -46.8 | -5.30 | 0.00 | | -3.049 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | ł | -0.17 | | | |
| | | | | | | | | -0.000 | -0.10 | | | |
| | 0.000 | 2 | 1422 | -134.3 | | 0.00 | | | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | 0.000 | 2 | 1425 | 04.3 | 0.57 | 0.00 | max | | -0.33 | 0.30 | | 22027 |
| | 0.000 | 2 | 1425 | -84.3 | -9.57 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | د ــ | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Poulobous | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -4.09 | 0.00 | | -0.001 -8.183 | -0.18 -0.05 | -0.30 | | 32837 |
| | 0.000 | 4 | 1420 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.23 | | 32837 |
| | | | | , lacel tat | 1 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -4.09 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | 0.000 | _ | 1723 | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 5.25 | | 32037 |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Deweill ung | | | 111111 | 0.002 | 0.50 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|--------------------|-----------------|--------|------------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -9.57 | 0.00 | | -3.048 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| 1091 | 1.003 | 2 | 1421 | -46.8 | -4.77 | 0.00 | | -3.387 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | | -0.10 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -7.50 | 0.00 | | -6.196 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | | -0.33 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -8.55 | 0.00 | · | -3.408 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.18 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -3.71 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -3.71 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | 4 000 | | 4420 | 24.2 | 0.55 | 0.00 | | -0.001 | -0.25 | 0.20 | | 22027 |
| | 1.003 | 2 | 1430 | -84.3 | -8.55 | 0.00 | | -3.408 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | . ف. ب | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | Powohnuna | 2 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| 1003 | 0.000 | 2 | 1/121 | 16.0 | 1 77 | 0.00 | | -0.001 | -0.18 | -0.16 | | 22027 |
| 1092 | 0.000 | 2 | 1421 | -46.8 | -4.77 -0.000 | | | | -0.03 -0.02 | -0.16 | | 32837 |
| | | | | -0.001 Material | -0.000 | 0.000 | min | -0.001 -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | macel 1d1 | 1 | | | -0.000 | -0.03 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.02 | | | |
| | | | | peweili-uilg | 2 | | | | | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1092 | 0.000 | 2 | 1422 | -134.3 | -7.50 | 0.00 | | -6.196 | -0.08 | -0.43 | | 32837 |
| 1032 | 0.000 | _ | | -0.002 | -0.000 | 0.000 | • | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.55 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | bewein dig | 2 | | | -0.002 | -0.43 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -8.55 | 0.00 | | -3.408 | -0.05 | -0.30 | | 32837 |
| | 0.000 | | 1423 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | | | 0.000 | | -0.002 | -0.05 | -0.10 | | 32637 |
| | | | | Material | 1 | | | | | | | |
| | | | | D b | 2 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | 25.0 | 2 =4 | | | -0.001 | -0.18 | | | 20027 |
| | 0.000 | 2 | 1426 | -96.8 | -3.71 | 0.00 | | -9.024 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -3.71 | 0.00 | 7 | -9.024 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -8.55 | 0.00 | | -3.408 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| 1092 | 1.003 | 2 | 1421 | -46.8 | -4.21 | 0.00 | | -3.841 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.16 | | | |
| | | | | | _ | | | -0.001 | -0.10 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -6.67 | 0.00 | | -6.966 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.54 | | 32037 |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | bewein ding | 2 | | | -0.002 | -0.43 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -7.54 | 0.00 | | -3.865 | -0.05 | -0.29 | | 32837 |
| | 1.003 | 4 | 1443 | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.19 | | 32037 |
| | | | | mater 1d1 | 1 | | | -0.002 | | | | |
| | | | | Poulobring | | | | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 1 000 | - | 1436 | 06.0 | 2 22 | 0.00 | | -0.001 | -0.19 | 0.30 | | 22027 |
| | 1.003 | 2 | 1426 | | -3.33 | 0.00 | | -10.06 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng - | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -3.33 | 0.00 | | -10.06 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.25 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -7.54 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | • | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.15 | | 32037 |
| | | | | Ideel Idi | - | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Dewein ung | 2 | | max | | -0.19 | | | |
| 1093 | 0.000 | 2 | 1421 | -46.8 | -4.21 | 0.00 | | | -0.03 | -0.16 | | 32837 |
| 1093 | 0.000 | | 1421 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | -0.10 | | 32637 |
| | | | | Material | | | | | -0.02 | | | |
| | | | | Paulahnung | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | 0.000 | | 1422 | 124.2 | c c7 | 0.00 | | | -0.10 | 0.42 | | 22027 |
| | 0.000 | 2 | 1422 | -134.3 | -6.67 | 0.00 | + | -6.966 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | | -0.34 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -7.54 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -3.33 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -3.33 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -7.54 | 0.00 | | -3.865 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|--------|--------|-------|------------------|----------------|----------------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1093 | 1.003 | 2 | 1421 | -46.8 | -3.65 | 0.00 | | -4.435 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -5.84 | 0.00 | | -7.955 | -0.07 | -0.42 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.42 | | | |
| | | | | | | | | -0.002 | -0.34 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -6.53 | 0.00 | | -4.463 | -0.05 | -0.28 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | 0.10 | | 32037 |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | bewein ung | _ | | | -0.001 | -0.20 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -2.95 | 0.00 | | -11.36 | -0.05 | -0.29 | | 32837 |
| | 1.005 | _ | 1420 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.23 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -2.95 | 0.00 | | -11.36 | -0.05 | -0.29 | | 32837 |
| | 1.005 | _ | 1423 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.23 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Dewein ung | _ | | | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -6.53 | 0.00 | | -4.463 | -0.05 | -0.28 | | 32837 |
| | 1.005 | _ | 1430 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | Ideel Idi | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.20 | | | |
| 1094 | 0.000 | 2 | 1421 | -46.8 | -3.65 | 0.00 | | -4.435 | -0.03 | -0.16 | | 32837 |
| 1054 | 0.000 | | 1421 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | -0.11 | | 32837 |
| | | | | Idectiful | _ | | | -0.001 | -0.02 | | | |
| | | | | Rowohnung | 2 | | | -0.001 | -0.16 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.10 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -5.84 | 0.00 | | -7.955 | -0.11 | -0.42 | | 32837 |
| | 0.000 | 4 | 1422 | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.42 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | -0.34 | | 32037 |
| | | | | Hacel Tal | 1 | | | -0.002 | -0.06 | | | |
| | | | | Rowchnung | 2 | | | -0.002 | -0.42 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.42 | | | |
| | 0.000 | 2 | 1425 | 04.3 | -6.53 | 0.00 | | | | -0.20 | | 32837 |
| | 0.000 | | 1420 | -84.3 -0.001 | -0.000 | 0.000 | | -4.463 -0.001 | -0.05 -0.03 | -0.28 -0.20 | | 32837 |
| | | | | | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32037 |
| | | | | Material | 1 | | | ł | | | | |
| | | | | Dough :: | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | mın | -0.001 | -0.28 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -2.95 | 0.00 | | -11.36 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -2.95 | 0.00 | | -11.36 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -6.53 | 0.00 | | -4.463 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| 1094 | 1.003 | 2 | 1421 | -46.8 | -3.08 | 0.00 | ٠.٠ | -5.247 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -5.01 | 0.00 | | -9.272 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -5.52 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.20 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -2.56 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | | -0.001 | -0.26 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -2.56 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|----------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | E-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1094 | 1.003 | 2 | 1430 | -84.3 | -5.52 | 0.00 | | -5.280 | -0.05 | -0.28 | | 32837 |
| 2031 | 1.003 | _ | 1130 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | Idea Idi | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | bewein ding | 2 | | max | | -0.20 | | | |
| 1095 | 0.000 | 2 | 1421 | -46.8 | -3.08 | 0.00 | | | -0.20 | -0.15 | | 32837 |
| 1095 | 0.000 | | 1421 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | | | 0.000 | | | | -6.11 | | 32037 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | 4 4 0 0 | 124.2 | | | max | | -0.11 | 0.44 | | 20027 |
| | 0.000 | 2 | 1422 | -134.3 | -5.01 | 0.00 | | | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -5.52 | 0.00 | 7 | -5.280 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.20 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -2.56 | 0.00 | | -13.05 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | | -0.26 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -2.56 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | , idee: Idi | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | bewein ung | 2 | | max | | -0.29 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -5.52 | 0.00 | | | -0.25 | -0.28 | | 32837 |
| | 0.000 | | T+26 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32837 |
| | | | | Placel 141 | 1 | | | | | | | |
| | | | | Doy to be seen | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| 1005 | 1 000 | 2 | 1404 | 45.0 | 2 52 | 0.00 | | -0.001 | -0.20 | 0.15 | | 2222 |
| 1095 | 1.003 | 2 | 1421 | | -2.52 | 0.00 | | -6.423 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.15 | | | |
| | | | | | | | | -0.001 | -0.12 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -4.21 | 0.00 | | | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.41 | | | |
| | | | | | | | | | | | | |

Model

| Delilluligs | zustand | | | | | | | | | | | |
|-------------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -4.54 | 0.00 | | -6.423 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -2.18 | 0.00 | | -15.33 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | | -0.26 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -2.18 | 0.00 | | -15.33 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 2 | 1430 | -84.3 | -4.54 | 0.00 | ٠.٠ | -6.423 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| 1096 | 0.000 | 2 | 1421 | -46.8 | -2.52 | 0.00 | | -6.423 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -4.21 | 0.00 | | | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -4.54 | 0.00 | | | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -2.18 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|----------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1096 | 0.000 | 2 | 1429 | -96.8 | -2.18 | 0.00 | | -15.33 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Dewein ding | _ | | max | | -0.26 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -4.54 | 0.00 | | | -0.05 | -0.27 | | 32837 |
| | 0.000 | | 1430 | -0.001 | -0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.21 | | 32037 |
| | | | | Material | _ | | | | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.27 | | | |
| 1005 | 4 000 | | 4404 | 44.0 | | | max | | -0.21 | 0.45 | | 2002 |
| 1096 | 1.003 | 2 | 1421 | -46.8 | -1.95 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -3.37 | 0.00 | 7 | -13.78 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -3.52 | 0.00 | | -8.278 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -1.80 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | lucci zuz | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Deweill dilg | 2 | | | | -0.25 | | | |
| | 1.003 | 2 | 1429 | -96.8 | -1.80 | 0.00 | max | | -0.25 | -0.29 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32037 |
| | | | | Placel 141 | 1 | | | | | | | |
| | | | | Doy to be seen | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 4 000 | _ | 1430 | 24.5 | 2 52 | 0.00 | | -0.001 | -0.26 | 0.25 | | 22027 |
| | 1.003 | 2 | 1430 | | -3.52 | 0.00 | | -8.278 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| 1097 | 0.000 | 2 | 1421 | -46.8 | -1.95 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | | | | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -3.37 | 0.00 | | -13.78 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -3.52 | 0.00 | | | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | | | | max | | -0.22 | | | |
| | 0.000 | 2 | 1426 | -96.8 | -1.80 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | 0.000 |
| | | | | liace. Iai | - | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | Deweill dilg | 2 | | max | | -0.26 | | | |
| | 0.000 | 2 | 1429 | -96.8 | -1.80 | 0.00 | | -18.57 | -0.05 | -0.29 | | 32837 |
| | 0.000 | _ | 1723 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | nacci zaz | - | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | bewein ung | - | | max | | -0.26 | | | |
| | 0.000 | 2 | 1430 | -84.3 | -3.52 | 0.00 | | -8.278 | -0.05 | -0.26 | | 32837 |
| | 0.000 | _ | 1450 | -0.001 | -0.000 | 0.000 | • | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.22 | | 32037 |
| | | | | lucci Iui | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.22 | | | |
| 1097 | 1.003 | 2 | 1421 | -46.8 | -1.39 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| 1057 | 1.005 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.02 | 0.12 | | 52037 |
| | | | | marei, Tat | 1 | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.02 | | | |
| | | | | Dewelli ulig | 2 | | | -0.001 | -0.14 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -2.54 | 0.00 | | -18.31 | -0.12 | -0.40 | | 32837 |
| | 1.003 | | 1422 | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.46 | | 32837 |
| | | | | | 1 | 0.000 | min | -0.002 | -0.07 | -0.30 | | 32037 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | peweill ulig | 2 | | | -0.002 | | | | |
| | 1.003 | 2 | 1425 | -84.3 | -2.51 | 0.00 | | | -0.36 -0.04 | -0.26 | | 32837 |
| | 1.003 | 2 | 1425 | | | | | -0.001 | -0.04 | | | |
| | | | | -0.001 | -0.000 | 0.000 | min | -0.001 | | -0.22 | | 32837 |
| | | | | Material | 1 | | | | -0.04 | | | |
| | | | | Dough aver- | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|----------------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1097 | 1.003 | 2 | 1426 | -96.8 | -1.42 | 0.00 | | -23.54 | -0.05 | -0.28 | K-7[] | 32837 |
| 1097 | 1.003 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | | | 0.000 | | | | -0.27 | | 32637 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1429 | -46.8 | -1.39 | 0.00 | | -11.64 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 1.003 | 2 | 1430 | -134.3 | -2.54 | 0.00 | | -18.31 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.002 | -0.36 | | | |
| 1098 | 0.000 | 2 | 1421 | -46.8 | -1.39 | 0.00 | 7 | -11.64 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -2.54 | 0.00 | | -18.31 | -0.07 | -0.40 | | 32837 |
| | 0.000 | _ | 1722 | -0.002 | -0.000 | 0.000 | • | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.50 | | 32037 |
| | | | | Idectiful | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | bewein ung | 2 | | | -0.002 | -0.46 | | | |
| | 0.000 | 2 | 1425 | -84.3 | -2.51 | 0.00 | | -11.64 | -0.04 | -0.26 | | 32837 |
| | 0.000 | | 1423 | | | | | | | -0.22 | | |
| | | | | -0.001 | -0.000 | 0.000 | | -0.001 | -0.04 -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.001 | | | | |
| | | | | | • | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | 0.000 | | 1 100 | 0.5.5 | 4 45 | 0.00 | | -0.001 | -0.22 | 0.00 | | 3000= |
| | 0.000 | 2 | 1426 | -96.8 | -1.42 | 0.00 | | -23.54 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | | -1.39 | 0.00 | | -11.64 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1430 | -134.3 | -2.54 | 0.00 | | -18.31 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | -0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.36 | | | |
| 1098 | 1.003 | 2 | 1421 | -46.8 | -0.83 | 0.00 | | -19.59 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 1.003 | 2 | 1422 | -134.3 | -1.70 | 0.00 | | -27.27 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.37 | | | |
| | 1.003 | 2 | 1425 | -84.3 | -1.49 | 0.00 | | | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.25 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -1.04 | 0.00 | | -32.16 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | | | | max | | -0.27 | | | |
| | 1.003 | 2 | 1429 | -46.8 | -0.83 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 1.003 | 2 | 1430 | -134.3 | -1.70 | 0.00 | | -27.27 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | | -0.37 | | | |
| 1099 | 0.000 | 2 | 1421 | -46.8 | -0.83 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | | | | | max | | -0.13 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -1.70 | 0.00 | | | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | 3 | | | | | -0.37 | | | |
| | | | | | | | ax | | 5.57 | | | |

Model

Dehnungszustand

| Stab X[m] QNr | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|-------|------------|-------|-------|------|--------|-------|-------|-------|--------|
| | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| Company Comp | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | | | | | | | | | Ez-eff |
| | | | | | | | | | | | | | |
| 1699 0.000 2 1425 -84.3 -1.49 0.00 -1.91.59 -0.04 -0.23 32837 | | | | | | | | | | | | | |
| 1099 | | | | | Dezezeimai | 'ь | | | | | | | |
| -0.001 | 1000 | 0 000 | 2 | 1/125 | -9/1 2 | -1 /0 | | | | | | K-T[] | |
| Material 1 | 1099 | 0.000 | | 1423 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min. | | | -0.23 | | 32837 |
| Bewehrung 2 | | | | | Material | _ | | | | | | | |
| | | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | | Bewenrung | 2 | | | | | | | |
| | | 0.000 | | 4426 | 05.0 | 4 04 | 0.00 | | | | 0.00 | | 22027 |
| Material 1 | | 0.000 | | 1426 | | | | | | | | | |
| | | | | | | | 0.000 | | | | -0.27 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| 1.003 2 1429 -46.8 -6.83 0.00 -19.59 -0.62 -0.14 32837 | | | | | Bewehrung | 2 | | | 1 | | | | |
| 1.003 2 1425 -0.001 -0.00 -0.002 -0.003 -0.002 -0.003 -0.002 -0.003 -0.002 -0.005 -0.005 - | | | | | | | | | | | | | |
| Material | | 0.000 | 2 | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | 0.000 | 0.000 | | -0.001 | | -0.13 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| 1.003 2 1425 -134.3 -0.87 -0.00 -0.00 -0.38 -0.001 -0.13 -0.002 -0.00 -0.001 | | | | | | | | max | -0.001 | -0.02 | | | |
| 1.003 2 1425 -134.3 -1.70 0.00 -1.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.001 -0.002 -0.006 -0.001 -0.001 -0.002 -0.006 -0.001 -0.002 -0.006 -0.002 -0.001 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.004 -0.005 | | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| -0.002 | | | | | | | | max | -0.001 | -0.13 | | | |
| Material 1 | | 0.000 | 2 | 1430 | -134.3 | -1.70 | 0.00 | 7 | -27.27 | -0.07 | -0.39 | | 32837 |
| Bewehrung 2 | | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| 1099 1.003 2 1421 | | | | | | | | max | -0.002 | -0.06 | | | |
| 1099 1.003 2 1421 | | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| 1.003 | | | | | | | | | | | | | |
| 1.003 2 1425 -84.3 -0.47 -0.001 -0.001 -0.04 -0.24 -0.24 -0.001 -0.04 -0.24 -0.04 -0.04 -0.04 -0.24 -0.04 -0.04 -0.04 -0.24 -0.04 -0.04 -0.04 -0.05 -0.06 | 1099 | 1.003 | 2 | 1421 | -46.8 | -0.26 | 0.00 | | | | -0.13 | | 32837 |
| Material 1 | | | | | | | | | | | | | |
| Bewehrung 2 | | | | | | | | min | | | | | |
| Bewehrung 2 | | | | | | _ | | | | | | | |
| 1.003 2 1422 -134.3 -0.87 0.00 -53.45 -0.07 -0.39 32837 -0.002 0.000 material 1 min -0.002 -0.06 -0.38 32837 -0.001 -0.001 -0.001 -0.001 -0.001 -0.24 -0.001 -0.0 | | | | | Rewehrung | 2 | | | | | | | |
| 1.003 2 1422 | | | | | Dewein ung | = | | | ł | | | | |
| -0.002 | | 1 003 | 2 | 1/122 | -13/1 3 | -0.87 | 9 99 | | | | -0 39 | | 32837 |
| Material 1 | | 1.005 | | 1722 | | | | • | | | | | |
| Bewehrung 2 | | | | | | 1 | 0.000 | min | | | 0.50 | | 32037 |
| Bewehrung 2 | | | | | Idectiful | | | | ł | | | | |
| 1.003 2 1425 -84.3 -0.47 0.00 -61.92 -0.04 -0.24 32837 | | | | | Powohnung | 2 | | | | | | | |
| 1.003 2 1425 | | | | | bewein ung | ۷ | | | | | | | |
| -0.001 | | 1 002 | 7 | 1/25 | 94.2 | -0.47 | 0 00 | | | | -0.24 | | 22027 |
| Material 1 | | 1.003 | | 1425 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | د | | | -0.24 | | 32837 |
| Bewehrung 2 min -0.001 -0.24 | | | | | ma cer 1a1 | 1 | | | | | | | |
| 1.003 2 1426 -96.8 -0.66 0.00 -50.75 -0.05 -0.28 32837 -0.001 0.000 0.000 -0.001 -0.05 -0.27 32837 -0.001 0.000 min -0.001 -0.05 -0.001 -0.05 max -0.001 -0.28 -0.001 0.000 -0.27 -0.001 0.000 0.000 -0.02 -0.13 32837 -0.001 0.000 0.000 min -0.001 -0.02 -0.13 32837 -0.001 0.000 min -0.001 -0.02 -0.001 -0.001 -0.02 max -0.001 -0.02 | | | | | | | | | | | | | |
| 1.003 2 1426 | | | | | Bewenrung | 2 | | | | | | | |
| -0.001 | | 1 000 | 2 | 1400 | 05.0 | 0.55 | 0.00 | | | | 0.20 | | 2222 |
| Material 1 min -0.001 -0.05 max -0.001 -0.05 min -0.001 -0.05 min -0.001 -0.28 max -0.001 -0.27 max -0.001 -0.27 max -0.001 -0.27 max -0.001 -0.02 -0.13 32837 min -0.001 -0.02 max -0.001 -0.02 max -0.001 -0.02 max -0.001 -0.02 max -0.001 -0.02 | | 1.003 | 2 | 1426 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | 1 | | -0.27 | | 32837 |
| Bewehrung 2 min -0.001 -0.28 max -0.001 -0.27 | | | | | Material | 1 | | | | | | | |
| 1.003 2 1429 -46.8 -0.26 0.00 -61.92 -0.02 -0.13 32837 -0.001 0.000 max -0.001 -0.02 -0.13 32837 min -0.001 -0.02 max -0.001 -0.02 | | | | | _ | | | | | | | | |
| 1.003 2 1429 -46.8 -0.26 0.0061.92 -0.02 -0.13 32837 -0.001 0.000 min -0.001 -0.02 max -0.001 -0.02 | | | | | Bewehrung | 2 | | | | | | | |
| -0.001 0.000 0.000 -0.001 -0.02 -0.13 32837 | | | | | | | | | | | | | |
| Material 1 min -0.001 -0.02 max -0.001 -0.02 | | 1.003 | 2 | 1429 | | | | | | | | | |
| max -0.001 -0.02 | | | | | | 0.000 | 0.000 | | | | -0.13 | | 32837 |
| | | | | | Material | 1 | | | ł | | | | |
| | | | | | | | | | | | | | |
| | | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |

Mode1

| Stab x[m] QNr LF Ni Myi Mzi yn zn σ-min σ-s σ-t Ey-ef [kN] [kNm] [m] [m] [mPa] --|
| E-0 ky kz fact ε σ-max σ-s σ-t Ez-ef [0/00] [1/km] [1/km] [-] [0/00] [MPa] [MPa] [MPa] [MPa] [MPa] Bezeichnung h[m] D[mm] w[mm] σ σ-sr a[m] As-eff[cm2 sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] ρ-eff[ο/ο |
| [0/oo] [1/km] [1/km] [-] [0/oo] [MPa] [MPa] [MPa] [MPa] [MPa] [MPa] [MPa] Bezeichnung |
| Bezeichnung |
| Bezeichnung |
| Sr[mm] ε-sr c[mm] k2[-] k3[-] k4[-] ρ-eff[o/o |
| 1.003 2 1430 -134.3 -0.87 0.0053.45 -0.07 -0.39 3283 -0.002 0.000 0.000 max -0.002 -0.06 -0.38 3283 Bewehrung 2 min -0.002 -0.06 min -0.002 -0.39 max -0.002 -0.38 |
| 1.003 2 1430 -134.3 -0.87 0.0053.45 -0.07 -0.39 3283 -0.002 0.000 min -0.002 -0.06 -0.38 3283 Material 1 min -0.002 -0.06 Bewehrung 2 min -0.002 -0.39 max -0.002 -0.38 |
| Material 1 min -0.002 -0.07 max -0.002 -0.06 Bewehrung 2 min -0.002 -0.39 max -0.002 -0.38 |
| Material 1 min -0.002 -0.07 max -0.002 -0.06 Bewehrung 2 min -0.002 -0.39 max -0.002 -0.38 |
| Bewehrung 2 max -0.002 -0.06 min -0.002 -0.39 max -0.002 -0.38 |
| Bewehrung 2 min -0.002 -0.39 max -0.002 -0.38 |
| max -0.002 -0.38 |
| |
| 1100 0.000 2 1421 -46.8 -0.26 0.0061.92 -0.02 -0.13 3283 |
| -0.001 0.000 0.000 -0.001 -0.02 -0.13 3283 |
| Material 1 min -0.001 -0.02 |
| max -0.001 -0.02 |
| |
| max -0.001 -0.13 |
| 0.000 2 1422 -134.3 -0.87 0.0053.45 -0.07 -0.39 3283 |
| -0.002 0.000 0.000 -0.002 -0.06 -0.38 3283 |
| Material 1 min -0.002 -0.07 |
| max -0.002 -0.06 |
| |
| |
| 0.000 2 1425 -84.3 -0.47 0.0061.92 -0.04 -0.24 3283 |
| |
| |
| |
| max -0.001 -0.04 |
| Bewehrung 2 min -0.001 -0.24 |
| max -0.001 -0.24 |
| 0.000 2 1426 -96.8 -0.66 0.0050.75 -0.05 -0.28 3283 |
| -0.001 0.000 0.000 -0.05 -0.27 3283 |
| Material 1 min -0.001 -0.05 |
| max -0.001 -0.05 |
| |
| max -0.001 -0.27 |
| 0.000 2 1429 -46.8 -0.26 0.0061.92 -0.02 -0.13 3283 |
| -0.001 0.000 0.000 -0.001 -0.02 -0.13 3283 |
| Material 1 min -0.001 -0.02 |
| max -0.001 -0.02 |
| Bewehrung 2 min -0.001 -0.13 |
| max -0.001 -0.13 |
| 0.000 2 1430 -134.3 -0.87 0.0053.45 -0.07 -0.39 3283 |
| -0.002 0.000 0.000 -0.000 -0.38 3283 |
| Material 1 min -0.002 -0.07 |
| max -0.002 -0.06 |
| |
| max -0.002 -0.38 |
| 1100 1.003 2 1421 -46.8 0.30 0.00 53.372 -0.02 -0.13 3283 |
| -0.001 0.000 0.000 -0.001 -0.02 -0.13 3283 |
| |
| max -0.001 -0.02 |
| |
| Bewehrung 2 min -0.001 -0.13 max -0.001 -0.13 |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1100 | 1.003 | 2 | 1422 | -134.3 | -0.03 | 0.00 | | -1335 | -0.07 | -0.38 | K+[-] | 32837 |
| 1100 | 1.003 | | 1422 | | | | | | | | | |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.07 | -0.38 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.07 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | | | | | -0.002 | -0.38 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 0.55 | 0.00 | | 53.372 | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1426 | -96.8 | -0.28 | 0.00 | | -120.3 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Dewein ung | - | | | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 0.55 | 0.00 | | 53.372 | -0.04 | -0.24 | | 32837 |
| | 1.003 | | 1429 | | | | 7 | | | | | |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1430 | -96.8 | -0.28 | 0.00 | | -120.3 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| 1101 | 0.000 | 2 | 1421 | -46.8 | 0.30 | 0.00 | | 53.372 | -0.02 | -0.13 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.13 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 2 | 1422 | -134.3 | -0.03 | 0.00 | | -1335 | -0.07 | -0.38 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.07 | -0.38 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.07 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | benein ung | - | | | -0.002 | -0.38 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 0.55 | 0.00 | | 53.372 | -0.04 | -0.24 | | 32837 |
| | 5.000 | 4 | 1-723 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 0.24 | | 32037 |
| | | | | lacel 1d1 | 1 | | | -0.001 | -0.04 | | | |
| | | | | Powohnuna | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| | 0.000 | | 1425 | 25.2 | 2 22 | 2 22 | | -0.001 | -0.24 | 0.00 | | 22027 |
| | 0.000 | 2 | 1426 | -96.8 | -0.28 | 0.00 | | -120.3 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 0.55 | 0.00 | | 53.372 | -0.04 | -0.24 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.24 | | | |
| | | | | | | | max | | -0.24 | | | |
| | 0.000 | 2 | 1430 | -96.8 | -0.28 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.27 | | 32037 |
| | | | | liacei Iai | - | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Dewein ding | 2 | | max | | -0.27 | | | |
| 1101 | 1.003 | 2 | 1421 | -46.8 | 0.87 | 0.00 | | | -0.02 | -0.14 | | 32837 |
| 1101 | 1.003 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | | | 0.000 | min | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | | | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.14 | | | |
| | 4 000 | 2 | 4400 | 424.2 | 0.00 | 0.00 | | -0.001 | -0.13 | 0.20 | | 22027 |
| | 1.003 | 2 | 1422 | -134.3 | 0.80 | 0.00 | | 58.108 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | _ | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.39 | | | |
| | | | | | | | max | | -0.38 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 1.56 | 0.00 | | | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.25 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 0.10 | 0.00 | | 325.66 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 1.56 | 0.00 | | 18.649 | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.25 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 0.10 | 0.00 | | 325.66 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | _ | | | -0.001 | -0.27 | | | |
| | | | | | | | mux | 3.001 | 0.21 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|------------------|-------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ, σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeia. | ъ | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1102 | 0.000 | 2 | 1421 | -46.8 | 0.87 | 0.00 | | 18.649 | -0.02 | -0.14 | K-7[] | 32837 |
| 1102 | 0.000 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.13 | | 32837 |
| | | | | | 1 | 0.000 | min. | | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | -0.001 -0.001 | | | | |
| | | | | D b | 2 | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.14 | | | |
| | | | 4.00 | 121.2 | 2 22 | | | -0.001 | -0.13 | | | 20027 |
| | 0.000 | 2 | 1422 | -134.3 | 0.80 | 0.00 | | 58.108 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.38 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.38 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 1.56 | 0.00 | | 18.649 | -0.04 | -0.25 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.25 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 0.10 | 0.00 | | 325.66 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Dewein ung | _ | | | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 1.56 | 0.00 | | 18.649 | -0.04 | -0.25 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | 0.000 | - • - | -0.001 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | -0.23 | | 32637 |
| | | | | Material | _ | | | -0.001 | -0.04 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.25 | | | |
| | 0.000 | _ | 1420 | 06.0 | 0.10 | 0.00 | | -0.001 | -0.23 | 0.20 | | 22027 |
| | 0.000 | 2 | 1430 | -96.8 | | 0.00 | | 325.66 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| 1102 | 1.003 | 2 | 1421 | -46.8 | 1.43 | 0.00 | | 11.298 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 1.63 | 0.00 | | 28.433 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.39 | | | |
| | | | | | | | | -0.002 | -0.37 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 2.58 | 0.00 | | 11.298 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 0.22 | | 32037 |
| | | | | riacci tat | 1 | | | -0.001 | -0.04 | | | |
| | | | | Roughnung | 2 | | | -0.001 | | | | |
| | | | | Bewehrung | 2 | | шти | בטט.ט- | -0.26 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 0.48 | 0.00 | | 69.161 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 2.58 | 0.00 | | | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | | -0.22 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 0.48 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| 1103 | 0.000 | 2 | 1421 | -46.8 | 1.43 | 0.00 | | 11.298 | -0.02 | -0.14 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.02 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.14 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 1.63 | 0.00 | | 28.433 | -0.07 | -0.39 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.37 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.002 | -0.37 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 2.58 | 0.00 | | 11.298 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 0.48 | 0.00 | | 69.161 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 2.58 | 0.00 | | 11.298 | -0.04 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|--------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1103 | 0.000 | 2 | 1430 | -96.8 | 0.48 | 0.00 | | 69.161 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| 1103 | 1.003 | 2 | 1421 | -46.8 | 2.00 | 0.00 | | 8.104 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | | -0.03 | | | |
| | | | | | _ | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | Jenem ung | _ | | max | | -0.12 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 2.47 | 0.00 | | | -0.07 | -0.40 | | 32837 |
| | | _ | | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.002 | -0.07 | 5.55 | | 32037 |
| | | | | | _ | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | bewein ung | _ | | max | | -0.36 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 3.60 | 0.00 | 7 | 8.104 | -0.05 | -0.26 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | *** | | 32037 |
| | | | | nacci zaz | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.26 | | | |
| | | | | bewern ung | | | max | | -0.22 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 0.86 | 0.00 | | 38.689 | -0.05 | -0.28 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | Jenem ung | _ | | max | | -0.27 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 3.60 | 0.00 | | 8.104 | -0.05 | -0.26 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.26 | | | |
| | | | | | _ | | | -0.001 | -0.22 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 0.86 | 0.00 | | 38.689 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.27 | | | |
| 1104 | 0.000 | 2 | 1421 | -46.8 | 2.00 | 0.00 | | | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.15 | | | |
| | | | | | _ | | | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 2.47 | 0.00 | | 18.821 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | zenem ung | | | 111711 | 0.002 | 0.40 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.36 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 3.60 | 0.00 | | 8.104 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | | -0.22 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 0.86 | 0.00 | | 38.689 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 3.60 | 0.00 | | 8.104 | -0.05 | -0.26 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.26 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 0.86 | 0.00 | ٠.٠ | 38.689 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |
| 1104 | 1.003 | 2 | 1421 | -46.8 | 2.56 | 0.00 | | 6.318 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.15 | | | |
| | | | | | | | | -0.001 | -0.12 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 3.30 | 0.00 | | | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.40 | | | |
| | | | | | | | max | | -0.36 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 4.61 | 0.00 | | 6.318 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | | | | max | | -0.21 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 1.25 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | max | -0.001 | -0.27 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-----------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | bezeicinai | '5 | sr[mm] | ε-sr | | k2[-] | k3[-] | k4[-] | |
| 1101 | 4 002 | 2 | 4.420 | 04.3 | 4 54 | | | c[mm] | | | K4[-] | p-eff[o/o] |
| 1104 | 1.003 | 2 | 1429 | -84.3 | 4.61 | 0.00 | | 6.318 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 1.25 | 0.00 | | 26.858 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | bewein ung | ۷ | | | | | | | |
| 1105 | 0.000 | _ | 1 1 2 1 | 46.0 | 2.56 | 0.00 | | -0.001 | -0.27 | 0.15 | | 22027 |
| 1105 | 0.000 | 2 | 1421 | -46.8 | 2.56 | 0.00 | | 6.318 | -0.03 | -0.15 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 3.30 | 0.00 | 7 | 14.067 | -0.07 | -0.40 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.36 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | - | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | bewein ung | 2 | | | | | | | |
| | | | 4 4 4 5 = | 24.2 | | 2.00 | | -0.002 | -0.36 | | | 2222 |
| | 0.000 | 2 | 1425 | -84.3 | 4.61 | 0.00 | | 6.318 | -0.05 | -0.27 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.27 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 1.25 | 0.00 | | 26.858 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 4.61 | 0.00 | | 6.318 | -0.05 | -0.27 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | | | | -0.03 | | | |
| | | | | | | 0.000 | ف. ب | -0.001 | | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.27 | | | |
| | | | | | | | | -0.001 | -0.21 | | | |
| | 0.000 | 2 | 1430 | | 1.25 | 0.00 | | 26.858 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.05 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | 8 | _ | | | -0.001 | -0.27 | | | |
| 1105 | 1.003 | 2 | 1421 | -46.8 | 3.12 | 0.00 | | 5.177 | -0.03 | -0.15 | | 32837 |
| 1100 | 1.000 | | 4721 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | | | 0.000 | ف میں | | | -0.11 | | 32037 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.15 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|--------------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 4.14 | 0.00 | | 11.230 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.41 | | | |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 5.60 | 0.00 | | 5.210 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | max | | -0.20 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 1.63 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | 5_55 |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | Dewein ung | _ | | | | -0.26 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 5.60 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | 1.003 | _ | 1,23 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | liace. Iai | - | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | bewein ung | - | | max | | -0.20 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 1.63 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 1.003 | _ | 1450 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | liacei zaz | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.29 | | | |
| | | | | Dewein ding | 2 | | | -0.001 | -0.26 | | | |
| 1106 | 0.000 | 2 | 1421 | -46.8 | 3.12 | 0.00 | | 5.177 | -0.03 | -0.15 | | 32837 |
| 1100 | 0.000 | | 1721 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.11 | | 32037 |
| | | | | . id cci iai | 1 | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | | -0.15 | | | |
| | | | | Jenem ung | | | | -0.001 | -0.11 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 4.14 | 0.00 | | 11.230 | -0.07 | -0.41 | | 32837 |
| | 3.300 | | <u>-</u> 722 | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.55 | | 52057 |
| | | | | . Ideci Idi | 1 | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | Dewelli ulig | 2 | | max | | -0.35 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 5.60 | 0.00 | | 5.210 | -0.05 | -0.28 | | 32837 |
| | 3.000 | 4 | ±723 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52057 |
| | | | | . id cci iai | 1 | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | Dewelli ulig | 2 | | | | -0.28 | | | |
| | | | | | | | max | בטשים- | -0.20 | | | |

Model

Dehnungszustand

| Dehnungs | Zustanu | | | | | | | | | | | |
|----------|---------|-----|---------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg . | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1106 | 0.000 | 2 | 1426 | -96.8 | 1.63 | 0.00 | | 20.567 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | _ | | max | -0.001 | -0.26 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 5.60 | 0.00 | | 5.210 | -0.05 | -0.28 | | 32837 |
| | 0.000 | _ | 1723 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | | _ | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | bewein ung | ۷ | | | -0.001 | -0.20 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 1 62 | 0.00 | | | -0.05 | -0.29 | | 22027 |
| | 0.000 | 2 | 1430 | | 1.63 | | | 20.567 | | | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 4 | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | Day as less | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| 1100 | 4 000 | | 4 4 6 4 | 44.0 | 2.50 | 2 22 | | -0.001 | -0.26 | | | 20027 |
| 1106 | 1.003 | 2 | 1421 | -46.8 | 3.69 | 0.00 | 7 | 4.385 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 4.94 | 0.00 | | 9.403 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.41 | | | |
| | | | | | | | max | -0.002 | -0.35 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 6.61 | 0.00 | | 4.413 | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.20 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 2.01 | 0.00 | | 16.664 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 1.003 | 2 | 1429 | | 6.61 | 0.00 | | | -0.05 | -0.28 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.28 | | | |
| | | | | | | | | -0.001 | -0.20 | | | |
| | 1.003 | 2 | 1430 | | 2.01 | 0.00 | | 16.664 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.26 | | | |
| 1107 | 0.000 | 2 | 1421 | -46.8 | 3.69 | 0.00 | | 4.385 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 4.94 | 0.00 | | 9.403 | -0.07 | -0.41 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.35 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Jenem ung | _ | | max | | -0.35 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 6.61 | 0.00 | | 4.413 | -0.05 | -0.28 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | 0.10 | | 32037 |
| | | | | Ideel Idi | - | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | Deweill dilg | | | max | | -0.20 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 2.01 | 0.00 | | 16.664 | -0.05 | -0.29 | | 32837 |
| | 0.000 | _ | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | nacci zaz | - | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | Dewein ung | _ | | max | | -0.26 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 6.61 | 0.00 | | 4.413 | -0.05 | -0.28 | | 32837 |
| | 0.000 | _ | 1727 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.03 | -0.20 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | lucci Iui | - | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.28 | | | |
| | | | | bewein ung | ۷ | | | -0.001 | -0.20 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 2.01 | 0.00 | | 16.664 | -0.05 | -0.29 | | 32837 |
| | 0.000 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 52057 |
| | | | | lacel Tal | 1 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.25 | | | |
| 1107 | 1.003 | 2 | 1421 | -46.8 | 4.25 | 0.00 | | 3.803 | -0.20 | -0.16 | | 32837 |
| 1107 | 1.003 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | | | 0.000 | min | -0.001 | -0.02 | -0.10 | | 32037 |
| | | | | Material | 1 | | | -0.000 | | | | |
| | | | | Paulahauna | 2 | | | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.16 | | | |
| | 1.003 | 2 | 1/12 | -134.3 | F 77 | 0.00 | | -0.001 | -0.10 | 0.42 | | 22027 |
| | 1.003 | 2 | 1422 | | 5.77 | 0.00 | | | -0.07 | -0.42 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | m. 2 | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | Doughas | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.42 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1107 | 1.003 | 2 | 1425 | -84.3 | 7.62 | 0.00 | | 3.827 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | _ | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | Dewein ding | _ | | max | | -0.19 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 2.39 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | 1.003 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | | 1 | 0.000 | min | -0.001 | -0.05 | -0.20 | | 32037 |
| | | | | Material | 1 | | | ł | | | | |
| | | | | D | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | 4 000 | | 4.00 | 24.2 | | | max | | -0.26 | 2 22 | | 2002 |
| | 1.003 | 2 | 1429 | -84.3 | 7.62 | 0.00 | | 3.827 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 2.39 | 0.00 | 7 | 14.006 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| 1108 | 0.000 | 2 | 1421 | -46.8 | 4.25 | 0.00 | | 3.803 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 5.77 | 0.00 | | 8.051 | -0.07 | -0.42 | | 32837 |
| | 0.000 | _ | | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 0.5 | | 32037 |
| | | | | , idee: Idi | - | | max | | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.42 | | | |
| | | | | Deweill dilg | 2 | | | | -0.34 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 7.62 | 0.00 | max | 3.827 | -0.05 | -0.29 | | 32837 |
| | 0.000 | | 1423 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 0.000 | 0.000 | min | -0.002 | -0.05 | -0.19 | | 32037 |
| | | | | Placel 141 | 1 | | | | | | | |
| | | | | Dough man | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | 0.000 | - | 1405 | 25.5 | 2 22 | 0.00 | | -0.001 | -0.19 | 0.20 | | 2202 |
| | 0.000 | 2 | 1426 | | 2.39 | 0.00 | | 14.006 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 7.62 | 0.00 | | 3.827 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.19 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | |
| | | | | | | | max | -0.001 | -0.19 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 2.39 | 0.00 | | 14.006 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | | | max | | -0.26 | | | |
| 1108 | 1.003 | 2 | 1421 | -46.8 | 4.81 | 0.00 | | 3.358 | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | | | | max | | -0.10 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 6.60 | 0.00 | | 7.040 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.34 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | _ | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | _ | | max | | -0.34 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 8.63 | 0.00 | Y | | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.18 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 2.77 | 0.00 | | | -0.05 | -0.29 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.29 | | | |
| | | | | | _ | | | -0.001 | -0.26 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 8.63 | 0.00 | | 3.379 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | | _ | | | -0.001 | -0.18 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 2.77 | 0.00 | | 12.080 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | | _ | | | -0.001 | -0.26 | | | |
| 1109 | 0.000 | 2 | 1421 | -46.8 | 4.81 | 0.00 | | | -0.03 | -0.16 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.16 | | | |
| | | | | | _ | | max | | -0.10 | | | |
| | | | | | | | illux | 0.001 | 0.10 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|----------------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1109 | 0.000 | 2 | 1422 | -134.3 | 6.60 | 0.00 | | 7.040 | -0.08 | -0.43 | K-7[] | 32837 |
| 1109 | 0.000 | | 1422 | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.43 | | 32837 |
| | | | | | | 0.000 | | | | -0.54 | | 32637 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.002 | -0.34 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 8.63 | 0.00 | | 3.379 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 2.77 | 0.00 | | 12.080 | -0.05 | -0.29 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.29 | | | |
| | | | | | | | max | -0.001 | -0.26 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 8.63 | 0.00 | 7 | 3.379 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.18 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 2.77 | 0.00 | | 12.080 | -0.05 | -0.29 | | 32837 |
| | 0.000 | _ | 1450 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.04 | -0.26 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | 0.20 | | 32037 |
| | | | | Idectiful | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.29 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.25 | | | |
| 1109 | 1.003 | 2 | 1421 | -46.8 | 5.34 | 0.00 | | 3.025 | -0.20 | -0.17 | | 32837 |
| 1109 | 1.003 | | 1421 | - | | | | | | | | |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 -0.03 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.001 | | | | |
| | | | | | • | | | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.17 | | | |
| | 4 000 | | 1 100 | 42.5 | 7 15 | 0.00 | | -0.000 | -0.10 | 0 11 | | 3000= |
| | 1.003 | 2 | 1422 | -134.3 | 7.43 | 0.00 | | 6.254 | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.06 | -0.33 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 1.003 | 2 | 1425 | | 9.64 | 0.00 | | 3.025 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | | -0.001 | -0.18 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 3.15 | 0.00 | | 10.619 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng - | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 9.64 | 0.00 | | 3.025 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.18 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 3.15 | 0.00 | | | -0.05 | -0.30 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | 0.25 | | 32037 |
| | | | | Ideel Idi | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.30 | | | |
| | | | | Dewein ung | 2 | | max | | -0.25 | | | |
| 1110 | 0.000 | 2 | 1421 | -46.8 | 5.34 | 0.00 | | 3.025 | -0.03 | -0.17 | | 32837 |
| 1110 | 0.000 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.02 | -0.10 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.03 | -0.10 | | 32637 |
| | | | | Material | | | | -0.000 | -0.02 | | | |
| | | | | Paulahnung | 2 | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | | | | |
| | 0.000 | 2 | 1.122 | 124.2 | 7 42 | 0.00 | max | | -0.10 | 0.42 | | 22027 |
| | 0.000 | 2 | 1422 | -134.3 | 7.43 | 0.00 | | | -0.08 | -0.43 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.06 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.06 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 9.64 | 0.00 | | 3.025 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | | -0.001 | -0.18 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 3.15 | 0.00 | | 10.619 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | | | | max | | -0.25 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 9.64 | 0.00 | | 3.025 | -0.06 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.18 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.18 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 3.15 | 0.00 | | 10.619 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | | | | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|---------------|-------------|--------|--------|-------|------------------|----------------|-------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1110 | 1.003 | 2 | 1421 | -46.8 | 5.91 | 0.00 | | 2.738 | -0.03 | -0.17 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.17 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 8.25 | 0.00 | | 5.626 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | | min | 1 | -0.08 | | | |
| | | | | | | | max | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.44 | | | |
| | | | | | | | max | -0.002 | -0.33 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 10.65 | 0.00 | | 2.738 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | max | | -0.17 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 3.53 | 0.00 | 7 | 9.473 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| | 4 000 | | 4400 | 04.3 | 40.65 | 2.00 | max | -0.001 | -0.25 | 0.24 | | 22027 |
| | 1.003 | 2 | 1429 | -84.3 | 10.65 | 0.00 | | 2.738 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 -0.001 | -0.06 -0.03 | | | |
| | | | | Paulahnung | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 -0.17 | | | |
| | 1 002 | 2 | 1430 | -96.8 | 3.53 | 0.00 | max | 9.473 | | -0.30 | | 22027 |
| | 1.003 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.05 -0.04 | -0.25 | | 32837 32837 |
| | | | | Material | 0.000 | 0.000 | min | -0.002 | -0.05 | -0.25 | | 32037 |
| | | | | Material | | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.30 | | | |
| | | | | bewein ung | 2 | | | | -0.25 | | | |
| 1111 | 0.000 | 2 | 1421 | -46.8 | 5.91 | 0.00 | max | 2.738 | -0.23 | -0.17 | | 32837 |
| 1111 | 0.000 | | 1 + 41 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.03 | -0.03 | | 32037 |
| | | | | , lucel tat | 1 | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.17 | | | |
| | | | | bewein ung | 2 | | max | | -0.09 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 8.25 | 0.00 | | 5.626 | -0.03 | -0.44 | | 32837 |
| | 3.000 | 4 | -72Z | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.05 | -0.33 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | | | 52037 |
| | | | | | • | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | | | | ang. | _ | | max | | -0.33 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 10.65 | 0.00 | | 2.738 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.17 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | _ | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | | | | | | | | | |

Model

| Stab X m QNr C m Q m C m Q m | Dehnungs | zustana | | | | | | | | | | | |
|--|----------|---------|-----|-------|------------|-------|--------|-----|--------|-------|-------|-------|------------|
| | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | |
| | | | | | | | | | | | | | |
| Material 1 | | | | | | | | | | [MPa] | | | |
| | | | | | Bezeichnun | g | | | | | | | |
| 1.003 2 1426 -96.8 3.53 0.00 9.73 0.05 0.30 32837 | | | | | | | sr[mm] | | | | K3[-] | к4[-] | ρ-e++[0/0] |
| | | 0.000 | | 1426 | 06.0 | 2 52 | 0.00 | | | | 0.20 | | 22027 |
| Material 1 | | 0.000 | | 1426 | | | | | | | | | |
| | | | | | | | 0.000 | min | | | -0.25 | | 32837 |
| Bewehrung | | | | | mater far | 1 | | | | | | | |
| Material 1 1 1 1 1 1 1 1 1 | | | | | Rewehrung | 2 | | | | | | | |
| 1.003 2 1429 -84.3 10.65 0.00 2.738 0.05 -0.31 32837 | | | | | benein ung | - | | | | | | | |
| -0.001 | | 0.000 | 2 | 1429 | -84.3 | 10.65 | 0.00 | | _ | | -0.31 | | 32837 |
| Material Sewehrung Seweh | | | | | | | | - | | | | | |
| Note | | | | | | | | min | | | | | |
| Note | | | | | | | | max | | | | | |
| 1.003 2 1425 -84.3 11.66 -0.000 -0 | | | | | Bewehrung | 2 | | min | -0.002 | | | | |
| 1.003 2 1425 -84.3 11.66 -0.00 -0.002 -0.02 -0.04 -0.25 32837 -0.001 0.000 0.000 -0.001 -0.00 -0.05 -0.04 -0.001 -0.05 -0.001 0.000 0.000 -0.001 -0.01 -0.09 -0.09 -0.001 -0.01 -0.09 -0.001 -0.09 -0.001 - | | | | | | | | max | -0.001 | -0.17 | | | |
| Material 1 | | 0.000 | 2 | 1430 | -96.8 | 3.53 | 0.00 | | 9.473 | -0.05 | -0.30 | | 32837 |
| 1.003 2 1425 -84.3 11.66 0.00 -0.02 -0.05 -0.32 -0.32 -0.001 -0.05 -0.002 -0.003 -0.002 -0.004 -0.002 -0.004 -0.002 -0.004 -0.002 -0.004 -0.002 -0.005 -0.002 -0.005 -0.002 -0.005 -0.002 -0.005 -0.002 -0.005 -0.002 -0.005 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| 1111 | | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| 1111 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1111 | | | | | Bewehrung | 2 | | min | -0.001 | -0.30 | | | |
| 1.003 2 1425 -84.3 11.66 -0.000 -0.001 -0.002 -0.016 -0.016 -0.016 -0.016 -0.016 -0.016 -0.016 -0.016 -0.016 -0.018 -0.000 -0.018 -0 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 | 1111 | 1.003 | 2 | 1421 | | 6.47 | 0.00 | ٠,٠ | 2.501 | | | | 32837 |
| Bewehrung 2 | | | | | | 0.000 | 0.000 | | | | -0.09 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | | | | | |
| 1.003 2 1422 -134.3 9.08 0.00 5.112 -0.08 -0.44 32837 -0.002 0.000 Material 1 min -0.002 -0.05 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.06 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.06 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.06 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.06 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.32 32837 -0.001 0.000 Material 1 min -0.002 -0.05 32837 -0.001 0.000 Material 1 min -0.002 -0.05 32837 -0.001 -0.002 -0.05 -0.30 32837 -0.001 -0.002 -0.002 -0.05 -0.002 -0.05 -0.002 -0.05 -0.002 -0.05 -0.002 -0.05 -0.002 - | | | | | | | | | | | | | |
| 1.003 2 1422 | | | | | Bewehrung | 2 | | | | | | | |
| 1.003 2 1426 -96.8 3.91 0.000 material 1 min -0.002 -0.05 -0.32 32837 1.003 2 1426 -96.8 3.91 0.000 min -0.002 -0.04 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.16 max -0.001 -0.25 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 -0.06 -0.32 -0.06 -0.32 -0.06 -0.001 -0.02 -0.05 max -0.001 -0.02 -0.05 -0.06 -0.32 -0.06 -0.32 -0.06 -0.001 -0.02 -0.05 -0.06 -0.001 -0.02 -0.05 -0.06 -0.001 -0.02 -0.06 -0.001 -0.02 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.06 -0.001 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0.002 -0. | | 4 000 | | 4.422 | 424.2 | 0.00 | 0.00 | | | | 0.44 | | 22027 |
| Material 1 | | 1.003 | 2 | 1422 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | -0.32 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| 1.003 2 1425 -84.3 11.66 0.00 2.500 -0.06 -0.32 32837 -0.001 0.000 0.000 max -0.002 -0.001 -0.002 -0.001 -0.002 min -0.002 -0.001 -0.002 min -0.002 -0.001 -0.002 -0.0 | | | | | Rowohnung | 2 | | | | | | | |
| 1.003 2 1425 | | | | | beweinfung | 2 | | | | | | | |
| -0.001 | | 1 003 | 2 | 1425 | -84 3 | 11 66 | 9 99 | | | | -0 32 | | 32837 |
| Material 1 | | 1.005 | | ±743 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | 0.10 | | 32037 |
| Bewehrung 2 min -0.002 -0.32 max -0.001 -0.16 | | | | | | - | | | | | | | |
| 1.003 2 1426 -96.8 3.91 0.00 8.551 -0.05 -0.30 32837 -0.001 0.000 0.000 -0.002 -0.04 -0.25 32837 -0.003 2 1429 -84.3 11.66 0.00 2.500 -0.06 -0.32 32837 -0.001 0.000 -0.002 -0.06 -0.32 32837 -0.001 0.000 -0.002 -0.06 -0.32 32837 -0.001 0.000 -0.002 -0.002 -0.06 -0.32 32837 -0.001 0.000 -0.002 -0.002 -0.06 -0.32 32837 -0.001 -0.002 -0.002 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.002 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 -0.006 | | | | | Bewehrung | 2 | | | | | | | |
| 1.003 2 1426 | | | | | 8 | _ | | | | | | | |
| -0.001 0.000 0.000 -0.002 -0.04 -0.25 32837 | | 1.003 | 2 | 1426 | -96.8 | 3.91 | 0.00 | | | | -0.30 | | 32837 |
| Material 1 min -0.002 -0.05 max -0.001 -0.04 min -0.002 -0.30 max -0.001 -0.25 1.003 2 1429 -84.3 11.66 0.00 2.500 -0.06 -0.32 32837 -0.001 0.000 min -0.002 -0.02 -0.16 max -0.001 -0.02 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.002 -0.032 | | | | | | | | | | | | | |
| Bewehrung 2 | | | | | | | | min | | | | | |
| 1.003 2 1429 -84.3 11.66 0.00 2.500 -0.06 -0.32 32837 -0.001 0.000 min -0.002 -0.06 -0.16 32837 Material 1 max -0.001 -0.02 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1.003 2 1429 -84.3 11.66 0.00 2.500 -0.06 -0.32 32837 -0.001 0.000 0.000 min -0.002 -0.06 -0.16 32837 Material 1 min -0.002 -0.06 max -0.001 -0.02 min -0.002 -0.32 | | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| -0.001 0.000 0.000 -0.002 -0.16 32837 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 min -0.002 -0.06 max -0.001 -0.02 Bewehrung 2 min -0.002 -0.32 | | 1.003 | 2 | 1429 | -84.3 | 11.66 | 0.00 | | 2.500 | | -0.32 | | 32837 |
| max -0.001 -0.02 min -0.002 -0.32 | | | | | | 0.000 | 0.000 | | | | -0.16 | | 32837 |
| | | | | | Material | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| max -0.001 -0.16 | | | | | Bewehrung | 2 | | | | | | | |
| | | | | | | | | max | -0.001 | -0.16 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1111 | 1.003 | 2 | 1430 | -96.8 | 3.91 | 0.00 | | 8.551 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| 1112 | 0.000 | 2 | 1421 | -46.8 | 6.47 | 0.00 | | 2.501 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.18 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 9.08 | 0.00 | | 5.112 | -0.08 | -0.44 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.002 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.44 | | | |
| | 0.000 | | 4405 | 04.3 | 44.66 | 0.00 | | -0.002 | -0.32 | 0.22 | | 22027 |
| | 0.000 | 2 | 1425 | -84.3 | 11.66 | 0.00 | 7 | 2.500 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Dayrahayaa | 2 | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 -0.001 | -0.32 -0.16 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 3.91 | 0.00 | max | 8.551 | -0.16 | -0.30 | | 32837 |
| | 0.000 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.23 | | 32837 |
| | | | | Idectiful | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.25 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 11.66 | 0.00 | | 2.500 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.02 | -0.16 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.16 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 3.91 | 0.00 | | 8.551 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| 1112 | 1.003 | 2 | 1421 | -46.8 | 7.03 | 0.00 | | 2.301 | -0.03 | -0.18 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.03 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.18 | | | |
| | | | | | | | | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1422 | | 9.91 | 0.00 | | 4.685 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | Doughas | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | mın | -0.002 | -0.45 | | | |

Mode1

Dehnungszustand

| Dennungs | | | | | | | | | | | | |
|----------|-------|-----|-------|--------------|--------|--------|-------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ig | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.002 | -0.32 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 12.67 | 0.00 | | 2.301 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 4 000 | | 4.426 | 05.0 | 4 20 | 0.00 | | -0.001 | -0.15 | 0.20 | | 22027 |
| | 1.003 | 2 | 1426 | -96.8 | 4.29 | 0.00 | | 7.792 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | D b | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | 1 002 | | 1420 | 04.2 | 12.67 | 0.00 | | -0.001 | -0.25 | 0.22 | | 22027 |
| | 1.003 | 2 | 1429 | -84.3 | 12.67 | 0.00 | | 2.301 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 -0.02 | | | |
| | | | | Paulahnung | 2 | | | -0.001 -0.002 | -0.32 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 4.29 | 0.00 | | 7.792 | -0.15 | -0.30 | | 32837 |
| | 1.003 | | 1430 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.05 | -0.25 | | 32037 |
| | | | | riacei Tai | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.30 | | | |
| | | | | Deweill dilg | | | | -0.001 | -0.25 | | | |
| 1113 | 0.000 | 2 | 1421 | -46.8 | 7.03 | 0.00 | | 2.301 | -0.03 | -0.18 | | 32837 |
| 1115 | 0.000 | _ | _ , | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.03 | 0.02 | | 52057 |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| | | | | | _ | | | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 9.91 | 0.00 | | 4.685 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.32 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.45 | | | |
| | | | | | | | max | -0.002 | -0.32 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 12.67 | 0.00 | | 2.301 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 4.29 | 0.00 | | 7.792 | -0.05 | -0.30 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.30 | | | |
| | | | | | | | max | -0.001 | -0.25 | | | |
| | | | | | | | | | | | | |

Model

Dehnungszustand

| Stab X[m] QNr | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|------|------------|-------|-------|------|--------|-------|-------|--------|--------|
| | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| Company Comp | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | | | | | | | | | Ez-eff |
| | | | | | | | | | | | | | |
| 1113 0.000 2 1429 -84.3 12.67 0.00 -7. 2.131 -0.00 -0.02 -0.15 32837 | | | | | | | | | | | | | |
| 1113 | | | | | Dezezeimai | 'ь | | | | | | | |
| -0.001 | 1112 | 0 000 | 2 | 1/20 | -9/1 2 | 12 67 | | | | | | K-7[] | |
| Material 1 | 1113 | 0.000 | | 1423 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | -0.13 | | 32837 |
| Bewehrung 2 | | | | | Material | | | | | | | | |
| | | | | | D b | 2 | | | | | | | |
| | | | | | Bewenrung | 2 | | | | | | | |
| 1.003 2 1425 -84.3 13.68 -0.001 -0.002 -0.05 -0.31 -0.002 -0.05 -0.05 -0.05 -0.05 -0.001 -0.001 -0.002 -0.05 -0.05 -0.001 - | | 0.000 | | 4420 | 05.0 | 4 20 | 0.00 | | | | 0.20 | | 22027 |
| Material 1 | | 0.000 | 2 | 1430 | | | | | | | | | |
| 1113 1.003 2 1421 -46.8 7.59 0.00 2.131 -0.08 32837 | | | | | | | 0.000 | | | | -0.25 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| 1113 | | | | | | | | | | | | | |
| 1113 1.003 2 1421 | | | | | Bewehrung | 2 | | | 1 | | | | |
| 1.003 2 1422 -134.3 10.74 0.00 0.000 0 | | | | | | | | max | | | | | |
| Material 1 | 1113 | 1.003 | 2 | 1421 | | | | | | | | | |
| Bewehrung 2 | | | | | | 0.000 | 0.000 | | -0.001 | | -0.08 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| 1.003 2 1422 -134.3 10.74 0.00 -1. 4.323 -0.08 -0.45 32837 | | | | | | | | max | -0.000 | -0.01 | | | |
| 1.003 2 1422 -134.3 | | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |
| -0.002 | | | | | | | | max | -0.000 | -0.08 | | | |
| Material 1 | | 1.003 | 2 | 1422 | -134.3 | 10.74 | 0.00 | 7 | 4.323 | -0.08 | -0.45 | | 32837 |
| Bewehrung 2 | | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| 1.003 2 1425 -84.3 13.68 0.00 2.131 -0.06 -0.33 32837 | | | | | | | | max | -0.001 | -0.05 | | | |
| 1.003 2 1425 -84.3 13.68 0.00 2.131 -0.06 -0.33 32837 | | | | | Bewehrung | 2 | | min | -0.002 | -0.45 | | | |
| 1.003 2 1425 | | | | | | | | | | | | | |
| -0.001 | | 1.003 | 2 | 1425 | -84.3 | 13.68 | 0.00 | _ | | | -0.33 | | 32837 |
| Material 1 | | | | | | | | | | | | | |
| Bewehrung 2 | | | | | | | | min | | | | | |
| Bewehrung 2 | | | | | | _ | | | | | | | |
| 1.003 2 1426 -96.8 4.67 0.00 7.157 -0.05 -0.31 32837 -0.001 | | | | | Rewehrung | 2 | | | | | | | |
| 1.003 2 1426 | | | | | Dewein ung | _ | | | ł | | | | |
| -0.001 | | 1 003 | 2 | 1426 | -96.8 | 4 67 | 9 99 | | | | -0 31 | | 32837 |
| Material 1 | | 1.005 | | 1420 | - | | | • | | | | | |
| Bewehrung 2 | | | | | | 1 | 0.000 | min | | | 0.24 | | 32037 |
| Bewehrung 2 | | | | | Idectiful | | | | ł | | | | |
| 1.003 2 1429 -84.3 13.68 0.00 2.131 -0.06 -0.33 32837 | | | | | Powohnung | 2 | | | | | | | |
| 1.003 2 1429 | | | | | bewein ung | 2 | | | | | | | |
| -0.001 | | 1 002 | 2 | 1/20 | 94.2 | 12 60 | 0 00 | | | | 0 22 | | 22027 |
| Material 1 | | 1.003 | | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | ف می | | | -0.15 | | 3283/ |
| Bewehrung 2 min -0.002 -0.33 max -0.001 -0.15 | | | | | ma cer 1a1 | 1 | | | | | | | |
| 1.003 2 1430 -96.8 4.67 0.00 7.157 -0.05 -0.31 32837 -0.001 0.000 0.000 -0.002 -0.04 -0.24 32837 -0.001 0.000 0.000 min -0.002 -0.05 max -0.001 -0.04 -0.001 0.000 0.000 min -0.002 -0.31 max -0.001 -0.24 -0.001 0.000 0.000 0.000 -0.001 -0.08 32837 -0.001 0.000 0.000 min -0.001 -0.03 max -0.000 -0.01 -0.001 0.000 min -0.001 -0.03 max -0.000 -0.01 | | | | | | 2 | | | | | | | |
| 1.003 2 1430 | | | | | Bewenrung | 2 | | | | | | | |
| -0.001 0.000 0.000 -0.002 -0.04 -0.24 32837 | | 4 000 | 2 | 4420 | 05.0 | 4 67 | | | | | 0.24 | | 22027 |
| Material 1 min -0.002 -0.05 max -0.001 -0.04 min -0.002 -0.31 max -0.001 -0.24 1114 0.000 2 1421 -46.8 7.59 0.00 2.131 -0.03 -0.18 32837 -0.001 0.000 min -0.001 -0.01 -0.08 32837 max -0.000 -0.01 | | 1.003 | 2 | 1430 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | 1 | | -0.24 | | 32837 |
| Bewehrung 2 min -0.002 -0.31 max -0.001 -0.24 | | | | | Material | 1 | | | | | | | |
| 1114 0.000 2 1421 -46.8 7.59 0.00 2.131 -0.03 -0.18 32837 -0.001 0.000 0.000 min -0.001 -0.01 -0.08 32837 min -0.001 -0.03 max -0.000 -0.01 | | | | | _ | | | | | | | | |
| 1114 0.000 2 1421 -46.8 7.59 0.00 2.131 -0.03 -0.18 32837 -0.001 0.000 min -0.001 -0.03 -0.08 32837 max -0.000 -0.01 | | | | | Bewehrung | 2 | | | | | | | |
| -0.001 0.000 0.000 -0.001 -0.08 32837 | | | | | | | | max | | | | | |
| Material 1 min -0.001 -0.03 max -0.000 -0.01 | 1114 | 0.000 | 2 | 1421 | | | | | | | | | |
| max -0.000 -0.01 | | | | | | 0.000 | 0.000 | | | | -0.08 | | 32837 |
| | | | | | Material | 1 | | | ł | | | | |
| | | | | | | | | max | -0.000 | | | | |
| | | | | | Bewehrung | 2 | | min | -0.001 | -0.18 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|---------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 10.74 | 0.00 | | 4.323 | -0.08 | -0.45 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.31 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.45 | | | |
| | | | | | | | max | -0.002 | -0.31 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 13.68 | 0.00 | | 2.131 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 4.67 | 0.00 | | 7.157 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 13.68 | 0.00 | Y | | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.15 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.15 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 4.67 | 0.00 | | 7.157 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1114 | 1.003 | 2 | 1421 | -46.8 | 8.15 | 0.00 | | 1.985 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | | | | | | | max | | -0.08 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 11.57 | 0.00 | | | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.000 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 14.69 | 0.00 | | 1.984 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | 3 | | | | -0.001 | -0.14 | | | |
| | | | | | | | ax | | - · - r | | | |

Bemessung Stäbe im Gebrauchszustand

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|------|------------|--------|----------------|---------------|------------------|----------------|----------------|---------------|---------------------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε , , | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] sr[mm] | D[mm] ε-sr | w[mm] c[mm] | σ k2[-] | σ-sr k3[-] | a[m] k4[-] | As-eff[cm2] ρ-eff[o/o] |
| 1114 | 1.003 | 2 | 1426 | -96.8 | 5.02 | 0.00 | | 6.659 | -0.05 | -0.31 | K.[] | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 14.69 | 0.00 | max | -0.001 1.984 | -0.24 -0.06 | -0.34 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | 312. | | 32037 |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 5.02 | 0.00 | | 6.659 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | max | -0.002 -0.001 | -0.05 -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | Jenem ung | _ | | | -0.001 | -0.24 | | | |
| 1115 | 0.000 | 2 | 1421 | -46.8 | 8.15 | 0.00 | 7 | 1.985 | -0.03 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.03 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 -0.000 | -0.19 -0.08 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 11.57 | 0.00 | | 4.014 | -0.08 | -0.46 | | 32837 |
| | 31333 | | | -0.002 | 0.000 | 0.000 | • | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.46 | | | |
| | 0.000 | | 1425 | -84.3 | 14.69 | 0.00 | | -0.002 | -0.30 -0.06 | 0.24 | | 22027 |
| | 0.000 | 2 | 1425 | -0.001 | 0.001 | 0.00 | | 1.984 | -0.02 | -0.34 -0.14 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.14 | | 32037 |
| | | | | | _ | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.14 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 5.02 | 0.00 | | 6.659 | -0.05 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | min | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 -0.001 | -0.05 -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | bewern ung | - | | | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 14.69 | 0.00 | | 1.984 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.14 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | D | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 -0.14 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 5.02 | 0.00 | | -0.001 6.659 | -0.14 -0.05 | -0.31 | | 32837 |
| | 3.300 | | ¥-70 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.05 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1115 | 1.003 | 2 | 1421 | -46.8 | 8.71 | 0.00 | | 1.857 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | max | -0.000 | -0.07 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 12.40 | 0.00 | | 3.745 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.46 | | | |
| | | | | | | | max | -0.001 | -0.30 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 15.71 | 0.00 | | 1.857 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 5.40 | 0.00 | ٠,٠ | 6.193 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 15.71 | 0.00 | | 1.857 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 5.40 | 0.00 | | 6.193 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1116 | 0.000 | 2 | 1421 | -46.8 | 8.71 | 0.00 | | 1.857 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.19 | | | |
| | | | | | | | max | | -0.07 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 12.40 | 0.00 | | 3.745 | -0.08 | -0.46 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.30 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.46 | | | |
| | | | | | | | max | | -0.30 | | | |
| | | | | | | | | | | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|---------|--------------|--------|--------|-------|--------|-------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1116 | 0.000 | 2 | 1425 | -84.3 | 15.71 | 0.00 | | 1.857 | -0.06 | -0.34 | K-T[] | 32837 |
| 1110 | 0.000 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | | | | -0.001 | -0.02 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | 0.000 | | 4426 | 05.0 | F 40 | 0.00 | | -0.001 | -0.13 | 0.24 | | 22027 |
| | 0.000 | 2 | 1426 | -96.8 | 5.40 | 0.00 | | 6.193 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 15.71 | 0.00 | | 1.857 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 5.40 | 0.00 | 7 | 6.193 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| 1116 | 1.003 | 2 | 1421 | -46.8 | 9.27 | 0.00 | | 1.745 | -0.04 | -0.19 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.19 | | | |
| | | | | | _ | | | -0.000 | -0.07 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 13.23 | 0.00 | | 3.511 | -0.08 | -0.47 | | 32837 |
| | | _ | | -0.002 | 0.001 | 0.000 | • | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.23 | | 32037 |
| | | | | liace. Iai | - | | | -0.001 | -0.05 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.47 | | | |
| | | | | Deweill dilg | ۷ | | | -0.001 | -0.29 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 16.72 | 0.00 | | 1.744 | -0.23 | -0.35 | | 32837 |
| | 1.005 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.02 | -0.13 | | 32637 |
| | | | | riacei Iai | | | | -0.001 | -0.02 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.35 | | | |
| | 1 002 | 2 | 1426 | 06.0 | F 70 | 0.00 | | -0.001 | -0.13 | 0.21 | | 22027 |
| | 1.003 | 2 | 1426 | | 5.78 | 0.00 | | 5.787 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | ف. ب | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | D 1 | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.31 | | | |
| | 4 000 | | 4 4 5 5 | | | | | -0.001 | -0.24 | | | 25.55 |
| | 1.003 | 2 | 1429 | -84.3 | 16.72 | 0.00 | | 1.744 | -0.07 | -0.35 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.001 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.35 | | | |

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Mode1

| Dehnungs | | | | , | T | | | | | | | |
|----------|-------|-----|------|------------------|--------|--------|-------|------------------|----------------|----------------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.13 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 5.78 | 0.00 | | 5.787 | -0.06 | -0.31 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| 1117 | 0.000 | 2 | 1421 | -46.8 | 9.27 | 0.00 | max | -0.001 | -0.24 -0.04 | -0.19 | | 32837 |
| 111/ | 0.000 | 2 | 1421 | | | | | 1.745 | | | | |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 -0.01 | | | |
| | | | | Paulahnung | 2 | | max | | -0.19 | | | |
| | | | | Bewehrung | 2 | | min | | -0.19 | | | |
| | 0.000 | 2 | 1422 | 124.2 | 12.22 | 0.00 | max | | | 0.47 | | 22027 |
| | 0.000 | 2 | 1422 | -134.3 -0.002 | 13.23 | 0.00 | | 3.511 | -0.08 -0.05 | -0.47 -0.29 | | 32837 |
| | | | | | 0.001 | 0.000 | min | -0.002 -0.002 | | -0.29 | | 32837 |
| | | | | Material | 1 | | | | -0.08 -0.05 | | | |
| | | | | Paulahnung | 2 | | max | | -0.47 | | | |
| | | | | Bewehrung | 2 | | min | | -0.47 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 16.72 | 0.00 | max | | -0.29 | -0.35 | | 22027 |
| | 0.000 | 2 | 1425 | -0.001 | 0.001 | 0.00 | | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.02 | -0.13 | | 32837 |
| | | | | Material | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.35 | | | |
| | | | | bewein ung | 2 | | | | -0.13 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 5.78 | 0.00 | max | 5.787 | -0.13 | -0.31 | | 32837 |
| | 0.000 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | 0.24 | | 32037 |
| | | | | Ideel Idi | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.31 | | | |
| | | | | Deweill dilg | 2 | | max | -0.001 | -0.24 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 16.72 | 0.00 | | | -0.24 | -0.35 | | 32837 |
| | 0.000 | _ | 1423 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.13 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.02 | 3.13 | | 32037 |
| | | | | . Id cci Idi | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.35 | | | |
| | | | | bewein ung | - | | max | | -0.13 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 5.78 | 0.00 | | 5.787 | -0.06 | -0.31 | | 32837 |
| | 3.555 | _ | 50 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | 5253, |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.31 | | | |
| | | | | 8 | | | | -0.001 | -0.24 | | | |
| 1117 | 1.003 | 2 | 1421 | -46.8 | 9.83 | 0.00 | | 1.645 | -0.04 | -0.20 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.20 | | | |
| | | | | 8 | _ | | max | | -0.07 | | | |
| | | | 7 | | | | | | | | | |

Model

| Dehnungs | zustand | | | | | | | | | | 4 | |
|----------|---------|-----|-------|--------------|----------|--------|------------|------------------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1117 | 1.003 | 2 | 1422 | -134.3 | 14.06 | 0.00 | | 3.304 | -0.09 | -0.48 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | | min | | -0.09 | | | |
| | | | | | | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | | | | | | | max | -0.001 | -0.29 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 17.73 | 0.00 | | 1.645 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | 1 | -0.07 | | | |
| | | | | | | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | | -0.36 | | | |
| | | | | | | | max | | -0.12 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 6.16 | 0.00 | | 5.431 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | _ | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | 4 000 | | 4.420 | 04.3 | 47.72 | 0.00 | max | | -0.23 | 0.26 | | 22027 |
| | 1.003 | 2 | 1429 | -84.3 | 17.73 | 0.00 | 7 | 1.645 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.36 | | | |
| | 1 002 | 2 | 1420 | 06.0 | C 1C | 0.00 | max | | -0.12 | 0.22 | | 22027 |
| | 1.003 | 2 | 1430 | -96.8 | 6.16 | 0.00 | | 5.431 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | min | -0.002 -0.002 | -0.04 -0.06 | -0.23 | | 32837 |
| | | | | Material | 1 | | min max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | bewein ung | 2 | | max | | -0.23 | | | |
| 1118 | 0.000 | 2 | 1421 | -46.8 | 9.83 | 0.00 | | 1.645 | -0.23 | -0.20 | | 32837 |
| 1110 | 0.000 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.01 | -0.07 | | 32837 |
| | | | | l'iacei Iai | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.20 | | | |
| | | | | Deweill dilg | _ | | max | | -0.07 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 14.06 | 0.00 | | 3.304 | -0.09 | -0.48 | | 32837 |
| | 3.000 | | 1744 | -0.002 | 0.001 | 0.000 | | -0.002 | -0.05 | -0.29 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.09 | 0.23 | | 32037 |
| | | | | . Id cci Idi | 4 | | max | | -0.05 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | | | | Deweill dilg | | | max | | -0.29 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 17.73 | 0.00 | | 1.645 | -0.23 | -0.36 | | 32837 |
| | 3.000 | 4 | 1725 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | 3.12 | | 32037 |
| | | | | cci IuI | _ | | max | | -0.02 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | | | | zenem ung | | | max | | -0.12 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 6.16 | 0.00 | | 5.431 | -0.06 | -0.32 | | 32837 |
| | 3.300 | | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | 3.000 | min | -0.002 | -0.06 | 5.25 | | 52057 |
| | | | | | • | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | Deweill ulig | | | 111.711 | 0.002 | 0.52 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|------------|--------|-------|----------------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 17.73 | 0.00 | | 1.645 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.02 | -0.12 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.02 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.36 | | | |
| | | | | | | | max | -0.001 | -0.12 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 6.16 | 0.00 | | 5.431 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | Jenem ung | _ | | max | | -0.23 | | | |
| 1118 | 1.003 | 2 | 1421 | -46.8 | 10.39 | 0.00 | | 1.556 | -0.04 | -0.20 | | 32837 |
| | | _ | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | 32037 |
| | | | | Ideel Idi | - | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.20 | | | |
| | | | | Dewein ung | - | | max | | -0.06 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 14.89 | 0.00 | | | -0.09 | -0.48 | | 32837 |
| | 1.005 | | 1722 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.09 | 0.20 | | 32037 |
| | | | | riacei iai | _ | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.48 | | | |
| | | | | Deweill dilg | ۷ | | max | | -0.48 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 18.74 | 0.00 | | 1.556 | -0.28 | -0.36 | | 32837 |
| | 1.005 | | 1423 | -0.001 | 0.001 | 0.000 | -•- | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | -0.11 | | 32837 |
| | | | | riacei iai | | | | | -0.01 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.36 | | | |
| | | | | beweinfung | 2 | | | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 6.54 | 0.00 | | | -0.06 | 0.22 | | 32837 |
| | 1.005 | | 1420 | -0.001 | 0.000 | 0.000 | | 5.117 | -0.04 | -0.32 -0.23 | | 32837 |
| | | | | | | 0.000 | min | -0.002 | -0.04 | -0.23 | | 32037 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | 1 002 | 2 | 1429 | 04.2 | 10.74 | 0.00 | | -0.001 | -0.23 | 0.26 | | 22027 |
| | 1.003 | 2 | 1429 | | 18.74 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | D b | 2 | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | 1 003 | 2 | 1430 | 00.0 | C F.A | 0.00 | | -0.001 | -0.11 | 0.32 | | 22027 |
| | 1.003 | 2 | 1430 | -96.8 | 6.54 | 0.00 | | | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | 2 | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Day reless | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1119 | 0.000 | 2 | 1421 | -46.8 | 10.39 | 0.00 | | 1.556 | -0.04 | -0.20 | K+[-] | 32837 |
| 1119 | 0.000 | | 1421 | | | | | | | | | |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.20 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 14.89 | 0.00 | | 3.120 | -0.09 | -0.48 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.48 | | | |
| | | | | | | | max | -0.001 | -0.28 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 18.74 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.07 | *** | | 32037 |
| | | | | liace. Iai | - | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.36 | | | |
| | | | | Dewein ding | _ | | | -0.001 | -0.11 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 6.54 | 0.00 | 7 | 5.117 | -0.06 | -0.32 | | 32837 |
| | 0.000 | | 1420 | | | | 7 | -0.002 | | | | |
| | | | | -0.001 | 0.000 | 0.000 | • | | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 18.74 | 0.00 | | 1.556 | -0.07 | -0.36 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.36 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 6.54 | 0.00 | | 5.117 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| 1119 | 1.003 | 2 | 1421 | -46.8 | 10.95 | 0.00 | | 1.477 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.21 | | | |
| | | | | Dewein ding | _ | | | -0.000 | -0.06 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 15.72 | 0.00 | | 2.955 | -0.09 | -0.49 | | 32837 |
| | 1.003 | 4 | 1422 | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.49 | | 32837 |
| | | | | | 1 | 0.000 | min | -0.003 | -0.09 | -0.20 | | 32037 |
| | | | | Material | 1 | | | | | | | |
| | | | | Dough with | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.49 | | | |
| | 4 305 | | 4 | | 4 | | | -0.001 | -0.28 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 19.75 | 0.00 | | 1.477 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ng | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 6.92 | 0.00 | | 4.837 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 19.75 | 0.00 | | 1.477 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.37 | | | |
| | | | | | | | max | -0.001 | -0.11 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 6.92 | 0.00 | | 4.837 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| 1120 | 0.000 | 2 | 1421 | -46.8 | 10.95 | 0.00 | Y | 1.477 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.21 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 15.72 | 0.00 | | 2.955 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.28 | | 32837 |
| | | | | Material | 1 | | min | | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.49 | | | |
| | | | | | | | max | -0.001 | -0.28 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 19.75 | 0.00 | | 1.477 | -0.07 | -0.37 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | | -0.37 | | | |
| | | | | 8 | | | max | | -0.11 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 6.92 | 0.00 | | 4.837 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | _ | | max | | -0.23 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 19.75 | 0.00 | | 1.477 | -0.07 | -0.37 | | 32837 |
| | | 7 | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.11 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.37 | | | |
| | | | | ung | | | | | -0.11 | | | |
| | | | | | | | IIIax | 0.001 | 0.11 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| 1 | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1120 | 0.000 | 2 | 1430 | -96.8 | 6.92 | 0.00 | | 4.837 | -0.06 | -0.32 | K+[-] | 32837 |
| 1120 | 0.000 | | 1430 | -0.001 | | 0.000 | | | -0.04 | | | |
| | | | | | 0.000 | 0.000 | | -0.002 | | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| 1120 | 1.003 | 2 | 1421 | -46.8 | 11.51 | 0.00 | | 1.405 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.21 | | | |
| | | | | | | | max | -0.000 | -0.06 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 16.54 | 0.00 | | 2.807 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.09 | | | 52057 |
| | | | | nace. Idi | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.49 | | | |
| | | | | Dewein ding | _ | | | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 20.76 | 0.00 | | 1.405 | -0.27 | -0.38 | | 32837 |
| | 1.003 | | 1423 | -0.001 | 0.001 | | 7 | | | | | |
| | | | | | | 0.000 | • | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 7.30 | 0.00 | | 4.586 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.32 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 20.76 | 0.00 | | 1.405 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.001 | -0.10 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 7.30 | 0.00 | | 4.586 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | bewein ung | _ | | | -0.001 | -0.23 | | | |
| 1121 | 0.000 | 2 | 1421 | -46.8 | 11.51 | 0.00 | | 1.405 | -0.04 | -0.21 | | 32837 |
| 1121 | 5.000 | 4 | 1-721 | -0.001 | 0.000 | 0.000 | • | -0.001 | -0.01 | -0.06 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.01 | 0.00 | | 32037 |
| | | | | Hacel Tal | 1 | | | -0.000 | -0.04 | | | |
| | | | | Powohnuna | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.21 | | | |
| | 0.000 | | 1400 | 424.2 | 46 5. | 2 22 | | -0.000 | -0.06 | 0.40 | | 22027 |
| | 0.000 | 2 | 1422 | -134.3 | 16.54 | 0.00 | | 2.807 | -0.09 | -0.49 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.09 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.49 | | | |

Model

| Dehnungs | zustana | | | | | | | | | | | |
|----------|---------|-----|-------|-------------|--------|--------|-------|-----------------|----------------|-------|-------|------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | g | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.001 | -0.27 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 20.76 | 0.00 | | 1.405 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | _ | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | | | | | -0.001 | -0.10 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 7.30 | 0.00 | | 4.586 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 20.76 | 0.00 | | 1.405 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.10 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | 0.000 | | 4420 | 25.0 | 7.20 | 0.00 | | -0.001 | -0.10 | 0.22 | | 22027 |
| | 0.000 | 2 | 1430 | -96.8 | 7.30 | 0.00 | | 4.586 | -0.06 | -0.32 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | Dayraharina | 2 | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.32 -0.23 | | | |
| 1121 | 1.003 | 2 | 1421 | -46.8 | 12.07 | 0.00 | | -0.001 1.340 | -0.23 | -0.21 | | 32837 |
| 1121 | 1.003 | | 1421 | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.05 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | -0.05 | | 32837 |
| | | | | liacci iai | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.21 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.05 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 17.37 | 0.00 | | 2.673 | -0.09 | -0.50 | | 32837 |
| | 1.005 | | 1-722 | -0.002 | 0.001 | 0.000 | • | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.09 | 0.27 | | 32037 |
| | | | | | - | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.50 | | | |
| | | | | ang ang | _ | | | -0.001 | -0.27 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 21.77 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | _, | | | -0.001 | 0.001 | 0.000 | · | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | 2237 |
| | | | | | _ | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | 8 | _ | | | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 7.67 | 0.00 | | 4.360 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| | | | 7 | | | | | | | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1121 | 1.003 | 2 | 1429 | -84.3 | 21.77 | 0.00 | | 1.339 | -0.07 | -0.38 | K-T[] | 32837 |
| 1121 | 1.003 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | | | 0.000 | | | | -0.03 | | 32637 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 7.67 | 0.00 | | 4.360 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1122 | 0.000 | 2 | 1421 | -46.8 | 12.07 | 0.00 | | 1.340 | -0.04 | -0.21 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.001 | -0.01 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.21 | | | |
| | | | | | _ | | max | | -0.05 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 17.37 | 0.00 | 7 | 2.673 | -0.09 | -0.50 | | 32837 |
| | | _ | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.27 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.09 | 0.27 | | 32037 |
| | | | | riacei Tai | _ | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.50 | | | |
| | | | | bewein ung | 2 | | | | | | | |
| | 0.000 | 2 | 1425 | 04.2 | 21 77 | 0.00 | | -0.001 | -0.27 | 0.20 | | 22027 |
| | 0.000 | 2 | 1425 | -84.3 | 21.77 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.07 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.38 | | | |
| | | | | | | | | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1426 | -96.8 | | 0.00 | | 4.360 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 21.77 | 0.00 | | 1.339 | -0.07 | -0.38 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.38 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 7.67 | 0.00 | | 4.360 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| 1122 | 1.003 | 2 | 1421 | -46.8 | 12.63 | 0.00 | | 1.280 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | • | -0.001 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 5.05 | | 32037 |
| | | | | i lacci Tar | | | max | -0.000 | -0.00 | | | |
| | | | | Roughnung | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | IUTU | -0.001 | -0.22 | | | |

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Model

| Stab X[m] QNr LF Ni Ryi Kan Kyi Kan Km Ma Mari | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|-------|------------|--------|--------|--|--------|-------|-------|-------|-------------|
| Color [J/Km] [J | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| Sezeichnus Sezeichnus Sezeichnus Sezeichnus Zezeichnus Zez | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| 1.003 2 1422 -134.3 18.20 0.00 -1. 2.551 -0.09 -0.55 32837 -0.002 0.081 1.003 2 1425 -34.3 22.76 0.00 -0.002 -0.001 -0.003 -0.00 | | | | | Bezeichnur | ng | | | | σ | | a[m] | As-eff[cm2] |
| 1.003 2 1422 -134.3 18.20 0.000 2.551 -0.00 -0.55 32837 | | | | | | | | | | k2[-] | | | |
| 1.003 2 1422 -134.3 18.20 0.00 2.551 0.00 0.58 32837 | | | | | | | | | | | | | |
| | | 1.003 | 2 | 1422 | -134.3 | 18.20 | 0.00 | | | | -0.50 | | 32837 |
| Material 1 | | | | | | | | | | | | | |
| Bewehrung 2 | | | | | | | | min | | | | | |
| Bewehrung | | | | | | _ | | | 1 | | | | |
| 1.003 2 1425 -84.3 22.78 0.00 -1. 1.280 -0.097 -0.39 32837 | | | | | Rewehrung | 2 | | | | | | | |
| 1.003 | | | | | Dewein ung | _ | | | | | | | |
| -0.001 | | 1 002 | 2 | 1/125 | _9/1 2 | 22 79 | 0 00 | | _ | | 0 20 | | 22027 |
| Material 1 | | 1.003 | | 1423 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | 1 . | | -0.09 | | 32637 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| 1.003 2 1426 -96.8 8.05 0.00 -0.002 -0.06 -0.33 32837 | | | | | | 2 | | | 1 | | | | |
| 1.003 2 1426 -96.8 8.05 0.00 4.155 -0.06 -0.33 32837 Material 1 | | | | | Bewehrung | 2 | | | | | | | |
| 1.003 2 1429 -8.4.3 22.78 0.00 0.0000 0.0000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 | | | | | | | | | | | | | |
| Material 1 | | 1.003 | 2 | 1426 | | | | | | | | | |
| Bewehrung 2 | | | | | | 0.000 | 0.000 | | 1 | | -0.22 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | | | | | |
| 1.003 2 1429 -84.3 22.78 0.00 1.280 -0.09 32837 3283 | | | | | | | | max | | -0.04 | | | |
| 1.003 2 1429 | | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.22 | | | |
| Material 1 | | 1.003 | 2 | 1429 | -84.3 | 22.78 | 0.00 | ٠,٠ | 1.280 | -0.07 | -0.39 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| 1.003 2 1430 -96.8 8.05 0.00 4.155 -0.06 -0.33 32837 -0.001 0.000 0.000 0.000 -0.002 -0.002 -0.004 -0.001 0.000 0.000 0.000 0.000 0.000 -0.001 -0.001 -0.004 0.001 -0.22 -0.001 0.001 0.001 0.001 0.000 -0.001 -0.001 -0.005 -0.001 0.001 0.000 0.001 0.000 0.001 0.000 -0.001 -0.001 -0.001 -0.001 0.001 0.001 0.000 0.000 0.000 0.005 -0.001 0.001 0.000 0.000 0.000 0.000 0.005 -0.002 0.001 0.000 0.000 0.000 0.005 0.000 0.005 -0.002 0.001 0.000 0.000 0.000 0.000 0.000 0.000 -0.003 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.003 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.003 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.004 0.001 0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.004 0.005 0.000 | | | | | | | | max | -0.000 | -0.01 | | | |
| 1.003 | | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| -0.001 | | | | | | | | max | -0.000 | -0.09 | | | |
| Material 1 | | 1.003 | 2 | 1430 | -96.8 | 8.05 | 0.00 | | 4.155 | -0.06 | -0.33 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| Bewehrung 2 | | | | | | | | max | -0.001 | -0.04 | | | |
| 1123 | | | | | Bewehrung | 2 | | | | | | | |
| 1123 | | | | | | _ | | | | | | | |
| -0.001 0.001 0.000 -0.001 -0.00 -0.05 32837 | 1123 | 0.000 | 2 | 1421 | -46.8 | 12.63 | 0.00 | | | | -0.22 | | 32837 |
| Material 1 | | | _ | | | | | <u>. </u> | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | 1 | | 0.05 | | 32037 |
| Bewehrung 2 min -0.001 -0.22 max -0.000 -0.05 | | | | | Idect Idi | - | | | | | | | |
| Max -0.000 -0.05 | | | | | Rowohnung | 2 | | | | | | | |
| 0.000 2 1422 -134.3 18.20 0.00 2.551 -0.09 -0.50 32837 -0.002 0.001 0.000 min -0.003 -0.04 -0.26 32837 Material 1 min -0.003 -0.09 max -0.001 -0.26 0.000 2 1425 -84.3 22.78 0.00 1.280 -0.07 -0.39 32837 Material 1 min -0.002 -0.01 -0.09 32837 Material 1 min -0.002 -0.01 -0.09 32837 | | | | | bewein ung | 2 | | | | | | | |
| -0.002 | | 0 000 | 2 | 1422 | 124 2 | 10 20 | 0.00 | | | | 0 50 | | 22027 |
| Material 1 min -0.003 -0.09 max -0.001 -0.04 min -0.003 -0.50 max -0.001 -0.26 max -0.001 -0.26 max -0.001 -0.26 max -0.001 -0.26 max -0.001 -0.00 max -0.001 -0.00 max -0.001 -0.00 max -0.002 -0.01 -0.09 max -0.002 -0.01 max -0.002 -0.01 max -0.000 min -0.002 -0.01 max -0.000 -0.01 max -0.000 -0.01 max -0.000 -0.01 max -0.000 -0.01 max -0.000 -0.039 | | 0.000 | | 1422 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | • | | | -0.20 | | 32837 |
| Bewehrung 2 min -0.003 -0.50 max -0.001 -0.26 0.000 2 1425 | | | | | Materiai | 1 | | | 1 | | | | |
| Max -0.001 -0.26 | | | | | | 2 | | | | | | | |
| 0.000 2 1425 -84.3 22.78 0.00 1.280 -0.07 -0.39 32837 -0.001 0.001 0.000 -0.002 -0.01 -0.09 32837 Material 1 min -0.002 -0.07 -0.09 32837 Bewehrung 2 min -0.002 -0.01 -0.09 | | | | | Bewenrung | 2 | | | | | | | |
| -0.001 0.001 0.000 -0.002 -0.01 -0.09 32837 | | 0.005 | | 4405 | 24.5 | 22 == | 2.2 | | | | 0.25 | | 2222 |
| Material 1 min -0.002 -0.07 max -0.000 -0.01 Bewehrung 2 min -0.002 -0.39 | | 0.000 | 2 | 1425 | | | | | | | | | |
| max -0.000 -0.01 | | | | | | | 0.000 | | | | -0.09 | | 32837 |
| | | | | | Material | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| max -0.000 -0.09 | | | | | Bewehrung | 2 | | min | | | | | |
| | | | | | | | | max | -0.000 | -0.09 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|--------|--------|-------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ъ | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1123 | 0.000 | 2 | 1426 | -96.8 | 8.05 | 0.00 | | 4.155 | -0.06 | -0.33 | K-7[] | 32837 |
| 1123 | 0.000 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | | | 0.000 | | | | -0.22 | | 32637 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 22.78 | 0.00 | | 1.280 | -0.07 | -0.39 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.09 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.07 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.39 | | | |
| | | | | | | | max | -0.000 | -0.09 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 8.05 | 0.00 | | 4.155 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| 1123 | 1.003 | 2 | 1421 | -46.8 | 13.19 | 0.00 | 7 | 1.226 | -0.04 | -0.22 | | 32837 |
| | | _ | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.04 | 0.04 | | 32037 |
| | | | | macer tat | _ | | | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.22 | | | |
| | | | | bewein ung | 2 | | | | | | | |
| | 1 002 | 2 | 1422 | 124.2 | 10.02 | 0.00 | _ | -0.000 | -0.04 | 0 51 | | 22027 |
| | 1.003 | 2 | 1422 | -134.3 | 19.03 | 0.00 | | 2.440 | -0.09 | -0.51 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.09 | | | |
| | | | | | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.51 | | | |
| | | | | | | | | -0.001 | -0.25 | | | |
| | 1.003 | 2 | 1425 | -84.3 | | 0.00 | | 1.226 | -0.08 | -0.40 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.08 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.000 | -0.08 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 8.43 | 0.00 | | 3.968 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 23.79 | 0.00 | | 1.226 | -0.08 | -0.40 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | | | | | | | | -0.000 | -0.08 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 8.43 | 0.00 | | 3.968 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.04 | -0.22 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.22 | | 32037 |
| | | | | i la cci Tat | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | | -0.33 | | | |
| | | | | peweili.nii8 | | | IIITII | -0.002 | -0.33 | | | |

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Model

| Stab Xim QNr | Dehnungs | zustand | | | | | | | | | | | |
|--|----------|---------|-----|------|------------|--------|--------|-------|--------|-------|-------|-------|-------------|
| Color [Joken] [Joken | Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | | Bezeichnun | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| 1124 | | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | | max | -0.001 | -0.22 | | | |
| Material 1 | 1124 | 0.000 | 2 | 1421 | -46.8 | 13.19 | 0.00 | | 1.226 | -0.04 | -0.22 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | | max | -0.000 | -0.00 | | | |
| 0.000 2 1422 -134.3 19.03 0.00 2.444 0.00 -0.051 32837 | | | | | Bewehrung | 2 | | min | -0.001 | -0.22 | | | |
| | | | | | | | | max | -0.000 | -0.04 | | | |
| Material | | 0.000 | 2 | 1422 | -134.3 | 19.03 | 0.00 | | 2.440 | -0.09 | -0.51 | | 32837 |
| Bewehrung 2 | | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| Material | | | | | | | | max | -0.001 | -0.04 | | | |
| | | | | | Bewehrung | 2 | | min | -0.003 | -0.51 | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.25 | | | |
| Material 1 | | 0.000 | 2 | 1425 | -84.3 | 23.79 | 0.00 | | 1.226 | -0.08 | -0.40 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | max | -0.000 | -0.01 | | | |
| 0.000 2 1426 | | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| -0.001 | | | | | | | | max | -0.000 | -0.08 | | | |
| Material 1 | | 0.000 | 2 | 1426 | -96.8 | 8.43 | 0.00 | | 3.968 | -0.06 | -0.33 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.04 | -0.22 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| Max -0.001 -0.22 -84.3 23.79 0.00 1.226 -0.08 -0.40 32837 -0.001 0.001 0.000 -0.002 -0.01 -0.08 32837 -0.001 0.000 -0.002 -0.01 -0.08 32837 -0.001 -0.002 -0.40 -0.002 -0.40 -0.002 -0.40 -0.002 -0.40 -0.002 -0.40 -0.002 -0.40 -0.002 -0.001 -0.001 -0.001 -0.002 -0.04 -0.22 32837 -0.001 0.000 -0.002 -0.004 -0.22 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.004 -0.004 | | | | | | | | max | -0.001 | -0.04 | | | |
| 0.000 2 1429 | | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| 1124 1.003 2 1421 -46.8 13.75 0.00 -0.001 -0.00 -0.001 -0.004 | | | | | | | | max | -0.001 | -0.22 | | | |
| Material 1 | | 0.000 | 2 | 1429 | -84.3 | 23.79 | 0.00 | | 1.226 | -0.08 | -0.40 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.08 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| Material Min -0.003 -0.04 -0.25 Material Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.09 -0.04 -0.25 Material Min -0.003 -0.05 -0.001 -0.04 -0.25 -0.001 -0.04 -0.25 -0.001 -0.04 -0.001 | | | | | | | | max | -0.000 | -0.01 | | | |
| 0.000 2 1430 -96.8 8.43 0.00 3.968 -0.06 -0.33 32837 0.001 0.000 0.000 0.000 -0.002 -0.04 -0.22 32837 0.003 2 1421 -46.8 13.75 0.00 1.176 -0.04 -0.22 1124 1.003 2 1421 -46.8 13.75 0.00 1.176 -0.04 -0.22 32837 0.001 0.001 0.001 0.000 0.000 -0.001 -0.00 -0.04 Material 1 min -0.001 -0.04 max 0.000 -0.04 0.003 0.004 0.000 0.000 -0.004 -0.22 1.003 2 1422 -134.3 19.86 0.00 2.338 -0.09 -0.51 32837 0.002 0.001 0.000 0.000 -0.004 -0.25 32837 0.003 0.004 0.000 0.000 -0.004 -0.025 32837 0.004 0.005 0.006 -0.006 -0.004 -0.025 32837 0.005 0.006 0.006 -0.006 -0.004 -0.005 -0.005 0.000 max -0.001 -0.004 -0.025 32837 0.005 0.006 0.006 -0.006 -0.006 -0.006 0.000 max -0.001 -0.004 -0.025 -0.025 0.005 0.006 -0.006 -0.006 -0.006 0.006 min -0.006 -0.006 -0.006 0.007 0.007 -0.007 -0.007 0.008 0.009 -0.001 -0.006 0.009 max -0.001 -0.004 0.009 max -0.001 -0.004 0.000 max -0.001 | | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| -0.001 | | | | | | | | max | -0.000 | -0.08 | | | |
| Material 1 | | 0.000 | 2 | 1430 | -96.8 | 8.43 | 0.00 | | 3.968 | -0.06 | -0.33 | | 32837 |
| Bewehrung 2 | | | | | -0.001 | 0.000 | 0.000 | | 1 | | -0.22 | | 32837 |
| Bewehrung 2 min -0.002 -0.33 max -0.001 -0.22 | | | | | Material | 1 | | min | | | | | |
| 1124 1.003 2 1421 -46.8 13.75 0.00 1.176 -0.04 -0.22 32837 -0.001 | | | | | | | | max | | | | | |
| 1124 | | | | | Bewehrung | 2 | | min | -0.002 | | | | |
| -0.001 | | | | | | | | max | -0.001 | -0.22 | | | |
| Material 1 min -0.001 -0.04 max 0.000 -0.00 min -0.001 -0.22 max -0.000 -0.04 1.003 2 1422 -134.3 19.86 0.00 2.338 -0.09 -0.51 32837 -0.002 0.001 0.000 min -0.003 -0.04 -0.25 32837 max -0.001 -0.003 -0.09 max -0.001 -0.004 Bewehrung 2 min -0.003 -0.51 | 1124 | 1.003 | 2 | 1421 | | 13.75 | 0.00 | | 1.176 | -0.04 | -0.22 | | 32837 |
| Bewehrung 2 | | | | | | 0.001 | 0.000 | | -0.001 | | -0.04 | | 32837 |
| Bewehrung 2 min -0.001 -0.22 max -0.000 -0.04 | | | | | Material | 1 | | min | 1 | | | | |
| 1.003 2 1422 -134.3 19.86 0.00 2.338 -0.09 -0.51 32837 -0.002 0.001 0.000 -0.003 -0.04 -0.25 32837 Material 1 max -0.001 -0.04 | | | | | | | | max | 0.000 | -0.00 | | | |
| 1.003 2 1422 -134.3 19.86 0.00 2.338 -0.09 -0.51 32837 -0.002 0.001 0.000 min -0.003 -0.04 -0.25 32837 Material 1 min -0.003 -0.09 max -0.001 -0.04 Bewehrung 2 min -0.003 -0.51 | | | | | Bewehrung | 2 | | min | 1 | | | | |
| -0.002 0.001 0.000 -0.003 -0.04 -0.25 32837 | | | | | | | | max | -0.000 | -0.04 | | | |
| Material 1 min -0.003 -0.09 max -0.001 -0.04 Bewehrung 2 min -0.003 -0.51 | | 1.003 | 2 | 1422 | -134.3 | | 0.00 | | 2.338 | -0.09 | -0.51 | | 32837 |
| max -0.001 -0.04 | | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | | Material | 1 | | min | -0.003 | -0.09 | | | |
| | | | | | | | | max | -0.001 | -0.04 | | | |
| max -0.001 -0.25 | | | | | Bewehrung | 2 | | min | -0.003 | -0.51 | | | |
| | | | | | | | | max | -0.001 | -0.25 | | | |

Model

Dehnungszustand

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|--------|--------|-------|------------------|----------------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1124 | 1.003 | 2 | 1425 | -84.3 | 24.80 | 0.00 | | 1.176 | -0.08 | -0.40 | K-7[] | 34910 |
| 1124 | 1.003 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.40 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | _ | | | -0.000 | -0.01 | | | |
| | | | | Dayrahayaa | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | 4 002 | | 4426 | 05.0 | 0.01 | 0.00 | | -0.000 | -0.07 | 0.22 | | 22027 |
| | 1.003 | 2 | 1426 | -96.8 | 8.81 | 0.00 | | 3.797 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 24.80 | 0.00 | | 1.176 | -0.08 | -0.40 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |
| | | | | | | | max | -0.000 | -0.07 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 8.81 | 0.00 | 7 | 3.797 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1125 | 0.000 | 2 | 1421 | -46.8 | 13.75 | 0.00 | | 1.176 | -0.04 | -0.22 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | _ | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.22 | | | |
| | | | | Dewein ung | = | | | -0.000 | -0.04 | | | |
| | 0.000 | 2 | 1422 | -134.3 | 19.86 | 0.00 | | 2.338 | -0.09 | -0.51 | | 32837 |
| | 0.000 | | 1722 | -0.002 | 0.001 | 0.000 | • | -0.003 | -0.04 | -0.25 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.003 | -0.09 | 0.23 | | 32037 |
| | | | | Idectiful | | | | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.51 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.25 | | | |
| | 0 000 | 2 | 1425 | 94.2 | 24 90 | 0.00 | | | | -0.40 | | 24010 |
| | 0.000 | | 1423 | -84.3 -0.001 | 24.80 | | | 1.176 | -0.08 -0.01 | | | 34910 |
| | | | | | | 0.000 | min | -0.002 -0.002 | -0.08 | -0.07 | | 32837 |
| | | | | Material | 1 | | | | -0.08 | | | |
| | | | | D b | 2 | | | -0.000 | | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.40 | | | |
| | 0.000 | 2 | 4405 | 05.0 | 0.01 | 0.00 | | -0.000 | -0.07 | 0.22 | | 22027 |
| | 0.000 | 2 | 1426 | | 8.81 | 0.00 | | 3.797 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.33 | | | |
| | | | | | | | | -0.001 | -0.22 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 24.80 | 0.00 | | 1.176 | -0.08 | -0.40 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.01 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | -0.000 | -0.01 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.40 | | | |

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Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|--------------|--------|--------|-------|--------|----------------|-------|-------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.07 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 8.81 | 0.00 | | 3.797 | -0.06 | -0.33 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.22 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.33 | | | |
| | | | | | | | max | -0.001 | -0.22 | | | |
| 1125 | 1.003 | 2 | 1421 | -46.8 | 14.31 | 0.00 | | 1.130 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.23 | | | |
| | | | | | | | max | | -0.04 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 20.69 | 0.00 | | 2.245 | -0.10 | -0.52 | | 32837 |
| | | _ | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | _ | | max | -0.001 | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.52 | | | |
| | | | | benein ang | _ | | max | | -0.24 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 25.82 | 0.00 | | | -0.08 | -0.41 | | 34910 |
| | 1.003 | _ | 1123 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.08 | 0.07 | | 32037 |
| | | | | Ideel Idi | - | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Dewein ung | 2 | | max | -0.000 | -0.07 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 9.19 | 0.00 | | 3.641 | -0.06 | -0.34 | | 32837 |
| | 1.005 | | 1420 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.05 | -0.21 | | 52857 |
| | | | | Idectiful | - | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | bewein ung | 2 | | | -0.001 | -0.21 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 25.82 | 0.00 | | 1.130 | -0.08 | -0.41 | | 34910 |
| | 1.003 | | 1423 | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.41 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.08 | 0.07 | | 52657 |
| | | | | nacei Tat | 1 | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Deweill ulig | 2 | | max | | -0.41 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 9.19 | 0.00 | | 3.641 | -0.06 | -0.34 | | 32837 |
| | 1.003 | | 1420 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 0.000 | 0.000 | min | -0.002 | -0.06 | -0.21 | | 32037 |
| | | | | macel 1a1 | 1 | | max | | -0.03 | | | |
| | | | | Paulahnung | 2 | | | | | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 -0.21 | | | |
| 1126 | 0.000 | 2 | 1/11 | 46.0 | 1/ 21 | 0.00 | max | | | -0.22 | | 22027 |
| 1126 | 0.000 | 2 | 1421 | -46.8 | 14.31 | 0.00 | | 1.130 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | m. 2 | -0.001 | -0.00 | -0.04 | | 32837 |
| | | | | Material | 1 | | | -0.001 | -0.04 | | | |
| | | | | Day at less | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.04 | | | |

Model

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|-----------------|--------|--------|------------|--------|----------------|----------------|-------|----------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1126 | 0.000 | 2 | 1422 | -134.3 | 20.69 | 0.00 | | 2.245 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.04 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | _ | | | max | | -0.04 | | | |
| | | | | Bewehrung | 2 | | min | | -0.52 | | | |
| | | | | 24.2 | 25.00 | | max | | -0.24 | | | 24040 |
| | 0.000 | 2 | 1425 | -84.3 | 25.82 | 0.00 | | 1.130 | -0.08 | -0.41 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | Dayrahayaa | 2 | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | 0.000 | 2 | 1426 | 06.8 | 0.10 | 0 00 | max | | -0.07 | 0.24 | | 22027 |
| | 9.000 | | 1426 | -96.8 -0.001 | 9.19 | 0.00 | | 3.641 | -0.06 -0.03 | -0.34 -0.21 | | 32837 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | -0.21 | | 32837 |
| | | | | Material | | | min | | -0.03 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.34 | | | |
| | | | | bewein ung | 2 | | | | -0.21 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 25.82 | 0.00 | max | 1.130 | -0.21 | -0.41 | | 34910 |
| | 0.000 | | 1423 | -0.001 | 0.001 | 0.000 | 7 | -0.002 | -0.00 | -0.07 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.08 | -0.07 | | 32837 |
| | | | | macei Iai | | | max | -0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.41 | | | |
| | | | | Deweill dilg | | | max | | -0.07 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 9.19 | 0.00 | | 3.641 | -0.06 | -0.34 | | 32837 |
| | 0.000 | _ | 1450 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | | -0.06 | 3122 | | 32037 |
| | | | | | _ | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | | _ | | max | | -0.21 | | | |
| 1126 | 1.003 | 2 | 1421 | -46.8 | 14.87 | 0.00 | | 1.087 | -0.04 | -0.23 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | -0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | -0.001 | -0.04 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.001 | -0.23 | | | |
| | | | | | | | max | -0.000 | -0.03 | | | |
| | 1.003 | 2 | 1422 | -134.3 | 21.52 | 0.00 | | 2.158 | -0.10 | -0.52 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.24 | | 32837 |
| | | | | Material | 1 | | min | -0.003 | -0.10 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.52 | | | |
| | | | | | | | max | -0.001 | -0.24 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 26.83 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.42 | | | |
| | | | | | | | max | | -0.06 | | | |
| | 1.003 | 2 | 1426 | | 9.57 | 0.00 | | 3.497 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 | -0.06 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |

Model

Dehnungszustand

| Stab X[m] QNr | Dennungs | | | | | | | | | | | | |
|--|----------|-------|-----|---------|--------------|--------|--------|------|--------|-------|-------|-------|------------|
| Feb Go/Oo [1/km] [1/km] Flow Go/Oo [MPa] [MP | Stab | x[m] | QNr | LF | 1 | - 1 | 1 | | | | | | |
| | | | | | | [kNm] | [kNm] | | [m] | [MPa] | [MPa] | [MPa] | |
| No. Bezeichnung Sr[mm] Sr[mm] Rest C Sr[mm] Rest C Rest | | | | | | | kz | | | σ-max | | | Ez-eff |
| Table Tabl | | | | | | | | | | [MPa] | [MPa] | | |
| 1.003 2 1429 | | | | | Bezeichnun | g | | | | | | | |
| 1.003 | | | | | | | sr[mm] | ε-sr | | | k3[-] | k4[-] | ρ-eff[o/o] |
| -0.001 | | | | | | | | max | | | | | |
| Material 1 Bewehrung 2 min -0.002 -0.08 max 0.000 -0.00 max -0.002 -0.42 max -0.000 -0.00 max -0.000 -0.00 max -0.000 -0.00 max -0.000 -0.00 max -0.001 -0.21 32837 min -0.002 -0.06 -0.34 32837 min -0.002 -0.06 -0.34 32837 min -0.002 -0.06 max -0.001 -0.03 min -0.002 -0.06 max -0.001 -0.03 min -0.002 -0.06 max -0.001 -0.03 min -0.002 -0.06 max -0.001 -0.03 32837 max -0.001 -0.03 max -0.001 -0.03 32837 min -0.001 -0.02 -0.03 32837 min -0.001 -0.02 -0.03 32837 min -0.001 -0.02 -0.03 32837 min -0.001 -0.02 -0.03 32837 min -0.001 -0.02 -0.03 32837 min -0.001 -0.02 -0.03 -0.24 max -0.001 -0.23 min -0.001 -0.03 min -0.001 -0.03 min -0.001 -0.03 min -0.001 -0.03 min -0.003 -0.10 max -0.001 -0.23 min -0.003 -0.10 max -0.001 -0.03 min -0.003 -0.10 max -0.001 -0.03 min -0.003 -0.10 max -0.001 -0.03 min -0.003 -0.10 max -0.001 -0.03 max -0.000 -0.00 max -0.000 -0.00 max -0.000 -0.00 max -0.001 -0.03 max -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 -0.001 | | 1.003 | 2 | 1429 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.06 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| 1.003 2 1430 -96.8 9.57 0.00 -0.002 -0.06 -0.06 -0.06 -0.06 -0.002 -0.06 -0.002 -0.06 -0.002 -0.03 -0.21 -0.021 -0.03 -0.001 -0.002 -0.06 -0.003 -0.001 -0.03 -0.001 -0.03 -0.001 -0.03 -0.001 -0.03 -0.001 -0.03 -0.001 -0.002 -0.06 -0.003 -0.001 -0.001 -0.002 -0.001 -0.002 -0.003 -0.001 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0. | | | | | | | | | | | | | |
| 1.003 | | | | | Bewehrung | 2 | | | | | | | |
| 1127 0.000 2 1421 -46.8 14.87 0.00 -0.001 -0.002 -0.06 max -0.001 -0.002 -0.06 max -0.001 -0.003 -0.21 32837 | | 1 000 | | 4420 | 05.0 | 0.57 | 0.00 | | | | 0.24 | | 22027 |
| Material 1 | | 1.003 | 2 | 1430 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.21 | | 32837 |
| Bewehrung 2 | | | | | Material | 1 | | | | | | | |
| 1127 0.000 2 1421 -46.8 14.87 0.00 -0.1 1.087 -0.00 -0.001 -0.21 32837 -0.004 -0.001 - | | | | | | | | | | | | | |
| 1127 0.000 2 1421 -46.8 14.87 0.00 1.087 -0.04 -0.23 32837 -0.001 -0.00 -0.00 -0.03 32837 -0.001 -0.00 -0.03 32837 -0.001 -0.00 -0.03 32837 -0.001 -0.00 -0.03 32837 -0.001 -0.000 -0.03 -0.001 -0.001 -0.004 -0.03 -0.001 -0.001 -0.001 -0.03 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.001 -0.002 -0.003 -0.24 -0.001 -0.003 -0.24 -0.001 -0.003 -0.001 -0.003 -0.24 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.003 -0.001 -0.002 -0.006 -0.006 -0.006 -0.006 -0.006 -0.002 -0.006 -0.006 -0.006 -0.006 -0.002 -0.006 -0.006 -0.002 -0.006 -0.002 -0.006 -0.003 -0.21 -0.21 -0.21 -0.001 -0.003 - | | | | | Bewenrung | 2 | | | | | | | |
| -0.001 | 1127 | 0.000 | | 1 1 2 1 | 46.0 | 14.07 | 0.00 | | | | 0.22 | | 22027 |
| Material 1 | 1127 | 0.000 | 2 | 1421 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.03 | | 32837 |
| Bewehrung 2 | | | | | Materiai | 1 | | | | | | | |
| Max -0.000 -0.03 | | | | | Paulahnung | 2 | | | | | | | |
| 0.000 2 1422 -134.3 21.52 0.00 2.158 -0.10 -0.52 32837 | | | | | bewein ung | 2 | | | | | | | |
| -0.002 | | 0 000 | 2 | 1/122 | 124 2 | 21 52 | 0 00 | _ | | | 0 52 | | 22027 |
| Material 1 | | 0.000 | | 1422 | | | | | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | -0.24 | | 32837 |
| Bewehrung 2 | | | | | riacei Tai | _ | | | | | | | |
| Max -0.001 -0.24 | | | | | Rewehrung | 2 | | | | | | | |
| 0.000 2 1425 | | | | | Deweill dilg | | | | | | | | |
| -0.001 | | 9 999 | 2 | 1425 | -84 3 | 26. 83 | 9 99 | | | | -0 42 | | 34910 |
| Material 1 | | 0.000 | _ | | | | | • | | | | | |
| Bewehrung 2 | | | | | | | 0.000 | min | | | | | 52057 |
| Bewehrung 2 min -0.002 -0.42 max -0.000 -0.06 | | | | | | | | | | | | | |
| Max -0.000 -0.06 | | | | | Bewehrung | 2 | | | | | | | |
| 0.000 2 1426 | | | | | | | | | | | | | |
| -0.001 0.000 0.000 -0.002 -0.03 -0.21 32837 | | 0.000 | 2 | 1426 | -96.8 | 9.57 | 0.00 | | | | -0.34 | | 32837 |
| Bewehrung 2 | | | | | | | 0.000 | | | | -0.21 | | 32837 |
| Bewehrung 2 min -0.002 -0.34 max -0.001 -0.21 0.000 2 1429 -84.3 26.83 0.00 1.087 -0.08 -0.42 34910 -0.001 0.001 0.001 0.000 min -0.002 -0.00 32837 Material 1 max 0.000 -0.00 min -0.002 -0.42 | | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| 0.000 2 1429 -84.3 26.83 0.00 1.087 -0.08 -0.42 34910 -0.001 0.001 0.000 -0.002 -0.00 -0.06 32837 | | | | | | | | max | -0.001 | -0.03 | | | |
| 0.000 2 1429 -84.3 26.83 0.00 1.087 -0.08 -0.42 34910 -0.001 0.001 0.000 min -0.002 -0.00 -0.06 32837 Bewehrung 2 min -0.002 -0.00 Bewehrung 2 min -0.002 -0.42 | | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| -0.001 0.001 0.000 -0.002 -0.00 -0.06 32837 | | | | | | | | max | -0.001 | -0.21 | | | |
| Material 1 min -0.002 -0.08 max 0.000 -0.00 max 0.000 -0.00 min -0.002 -0.42 min -0.002 -0.42 min -0.002 -0.42 min -0.002 -0.42 min -0.002 -0.42 min -0.002 -0.42 min -0.002 -0.002 -0.002 min -0.002 -0.002 -0.002 min -0.002 -0.002 -0.002 -0.002 min -0.002 | | 0.000 | 2 | 1429 | -84.3 | 26.83 | 0.00 | | 1.087 | -0.08 | -0.42 | | 34910 |
| max 0.000 -0.00 | | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.06 | | 32837 |
| | | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | | max | 0.000 | -0.00 | | | |
| max -0.000 -0.06 | | | | | Bewehrung | 2 | | min | | -0.42 | | | |
| | | | | | | | | max | | | | | |
| 0.000 2 1430 -96.8 9.57 0.00 3.497 -0.06 -0.34 32837 | | 0.000 | 2 | 1430 | | 9.57 | | | | | | | |
| -0.001 0.000 0.000 -0.002 -0.03 -0.21 32837 | | | | | -0.001 | 0.000 | 0.000 | | | | -0.21 | | 32837 |
| | | | | | Material | 1 | | | | | | | |
| max -0.001 -0.03 | | | | | | | | | | | | | |
| | | | | | Bewehrung | 2 | | | | | | | |
| max -0.001 -0.21 | | | | | | | | max | -0.001 | -0.21 | | | |

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Mode1

| Deminings | zustand | | | | | | | | | | | |
|-----------|---------|-----|------|------------|--------|--------|----------|--------|---------------|-------|--------|-------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | 3 | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | Dezezeimai | 'ь | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | p-eff[o/o] |
| 1127 | 1.003 | 2 | 1421 | -46.8 | 15.43 | 0.00 | | 1.048 | -0.05 | -0.24 | K-7[] | 32837 |
| 1127 | 1.003 | | 1421 | -0.001 | 0.001 | 0.000 | | -0.001 | 0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.001 | -0.05 | -0.03 | | 32837 |
| | | | | Material | _ | | | | 0.00 | | | |
| | | | | Dayrahayaa | 2 | | max | | | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| - | 4 000 | | 4400 | 424.2 | 22.25 | 0.00 | | -0.000 | -0.03 | 0. 52 | | 22027 |
| | 1.003 | 2 | 1422 | -134.3 | 22.35 | 0.00 | | 2.078 | -0.10 | -0.53 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.10 | | | |
| | | | | | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.53 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 27.84 | 0.00 | | 1.048 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | 1.003 | 2 | 1426 | -96.8 | 9.95 | 0.00 | 7 | 3.364 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 27.84 | 0.00 | | 1.048 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | _ | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.42 | | | |
| | | | | Dewein ung | = | | | -0.000 | -0.05 | | | |
| | 1.003 | 2 | 1430 | -96.8 | 9.95 | 0.00 | | 3.364 | -0.06 | -0.34 | | 32837 |
| | 1.005 | | 1430 | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | -0.002 | -0.06 | 0.21 | | 32037 |
| | | | | Idectiful | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.002 | -0.34 | | | |
| | | | | bewein ung | ۷. | | | -0.001 | -0.34 | | | |
| 1120 | 0.000 | 2 | 1421 | -46.8 | 15 /2 | 0.00 | | | | 0.24 | | 22027 |
| 1128 | 9.000 | | 1421 | | 15.43 | | | 1.048 | -0.05 | -0.24 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | ف می | -0.001 | 0.00 -0.05 | -0.03 | | 32837 |
| | | | | Material | 1 | | | -0.001 | | | | |
| | | | | | | | max • | | 0.00 | | | |
| | | | | Bewehrung | 2 | | | -0.001 | -0.24 | | | |
| - | 0.000 | 2 | 4400 | 424.2 | 22.25 | 0.00 | | -0.000 | -0.03 | 0. 53 | | 22027 |
| | 0.000 | 2 | 1422 | | 22.35 | 0.00 | | 2.078 | -0.10 | -0.53 | | 32837 |
| | | | | -0.002 | 0.001 | 0.000 | | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | | -0.003 | -0.10 | | | |
| | | | | _ | | | | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | | -0.003 | -0.53 | | | |
| | | | | | | | | -0.001 | -0.23 | | | |
| | 0.000 | 2 | 1425 | -84.3 | 27.84 | 0.00 | | 1.048 | -0.08 | -0.42 | | 34910 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |

Mode1

| Dehnungs | zustand | | | | | | | | | | | |
|----------|---------|-----|------|------------------|--------|--------|------------|------------------|----------------|-------|-------|---------------|
| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnun | g | h[m] | D[mm] | w[mm] | σ | σ-sr | | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | 0.000 | 2 | 1426 | -96.8 | 9.95 | 0.00 | | 3.364 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | • | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | | -0.002 -0.001 | -0.06 -0.03 | | | |
| | | | | Bewehrung | 2 | | max min | | -0.34 | | | |
| | | | | Deweill dilg | ۷ | | max | | -0.21 | | | |
| | 0.000 | 2 | 1429 | -84.3 | 27.84 | 0.00 | | 1.048 | -0.08 | -0.42 | | 34910 |
| | 0.000 | _ | 1125 | -0.001 | 0.001 | 0.000 | • | -0.002 | -0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | 52057 |
| | | | | | _ | | max | 0.000 | -0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.42 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | 0.000 | 2 | 1430 | -96.8 | 9.95 | 0.00 | | 3.364 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | | | | max | | -0.21 | | | |
| 1128 | 1.003 | 2 | 1421 | -46.8 | 16.00 | 0.00 | 1 | | -0.05 | -0.24 | | 32837 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.001 | 0.00 | -0.03 | | 32837 |
| | | | | Material | 1 | | min | | -0.05 | | | |
| | | | | Pou cobnung | 2 | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min max | -0.000 | -0.24 -0.03 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | -0.000 | 0.00 | | | 0.00 |
| | 1.003 | 2 | 1422 | -134.3 | 23.18 | 0.00 | | 2.004 | -0.10 | -0.54 | | 32837 |
| | 1.005 | _ | | -0.002 | 0.001 | 0.000 | • | -0.003 | -0.03 | -0.23 | | 32837 |
| | | | | Material | 1 | | min | | -0.10 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.003 | -0.54 | | | |
| | | | | | | | max | -0.001 | -0.23 | | | |
| | 1.003 | 2 | 1425 | -84.3 | 28.85 | 0.00 | | 1.011 | -0.08 | -0.43 | | 34909 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | 0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | | -0.08 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | | -0.43 | | | |
| | | | | 7 | | 0.800 | max | -0.000 | -0.05 | | | 0.00 |
| | 1.003 | 2 | 1426 | Zugzone -96.8 | 10.32 | 0.00 | 10.0 | 3.240 | 0.00 -0.06 | -0.34 | | 0.00 32837 |
| | 1.003 | 2 | 1426 | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | 0.000 | min | | -0.06 | -0.21 | | 32837 |
| | | | | Tideer Idi | - | | max | | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | | -0.34 | | | |
| | | | | 2 | _ | | max | | -0.21 | | | |
| | 1.003 | 2 | 1429 | -84.3 | 28.85 | 0.00 | | 1.011 | -0.08 | -0.43 | | 34909 |
| | | | | -0.001 | 0.001 | 0.000 | | -0.002 | 0.00 | -0.05 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.08 | | | |
| | | | | | | | max | 0.000 | 0.00 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.43 | | | |
| | | | | | | | max | -0.000 | -0.05 | | | |
| | | | | Zugzone | | 0.800 | 10.0 | | 0.00 | | | 0.00 |

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Bemessung Stäbe im Gebrauchszustand

Dehnungszustand

| Stab | x[m] | QNr | LF | Ni | Myi | Mzi | yn | zn | σ-min | σ-s | σ-t | Ey-eff |
|-------------|-------------|----------|-----------|-----------------|---------------|---------------|-------|------------|------------|------------|------------|-------------|
| | | | | [kN] | [kNm] | [kNm] | [m] | [m] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | ε-0 | ky | kz | fact | ε | σ-max | σ-s | σ-t | Ez-eff |
| | | | | [0/00] | [1/km] | [1/km] | [-] | [0/00] | [MPa] | [MPa] | [MPa] | [MPa] |
| | | | | Bezeichnur | ıg | h[m] | D[mm] | w[mm] | σ | σ-sr | a[m] | As-eff[cm2] |
| | | | | | | sr[mm] | ε-sr | c[mm] | k2[-] | k3[-] | k4[-] | ρ-eff[o/o] |
| 1128 | 1.003 | 2 | 1430 | -96.8 | 10.32 | 0.00 | | 3.240 | -0.06 | -0.34 | | 32837 |
| | | | | -0.001 | 0.000 | 0.000 | | -0.002 | -0.03 | -0.21 | | 32837 |
| | | | | Material | 1 | | min | -0.002 | -0.06 | | | |
| | | | | | | | max | -0.001 | -0.03 | | | |
| | | | | Bewehrung | 2 | | min | -0.002 | -0.34 | | | |
| | | | | | | | max | -0.001 | -0.21 | | | |
| ¹ Formel z | ur Rissweit | e w = s | r·ε-sr ; | sr = k3·c + k3 | 1·k2·k4·D/ρ-e | ff (k1=0.8) | | | | | | |
| Ni,Myi,Mzi | innere | Schnitt | größen (| Integrale der i | nichtlinearen | Spannungen) | h[m] | H | öhe der ef | fektiven Z | one | |
| yn,zn | Schnitt | punkte | der Null | linie mit den : | lokalen Koord | linatenachsen | D[mm] |] e- | ffektiver | Durchmesse | r der Bewe | hrung |
| σ-min | Spannur | ng im Qu | uerschnit | t | | | w[mm] |] R: | issbreite | | | |
| σ-s | Spannur | ng in de | er schlaf | fen Bewehrung | | | σ | E- | ffektive S | tahlspannu | ng | |
| σ-t | | | oannstahl | | | | σ-sr | E | rstrissspa | nnung | | |
| Ey-eff,Ez-e | ff effekti | ver E-N | Modul bez | ogen auf den B | ruttoquerschr | itt | a[m] | Al | bstand der | Bewehrung | seisen | |
| ε-0 | Dehnung | g im ela | astischen | Schwerpunkt | | | As-ef | ff[cm2] Be | ewehrung i | n der effe | ktiven Zug | gzone |
| ky,kz | Krümmur | ngen | | | | | ε-sr | m: | ittlere Ri | ssdehnung | | |
| fact | Faktor | der Gle | eitung od | er Spannungen | | | c[mm] |] Ül | berdeckung | | | |
| ε | Dehnung | gen | | | | | ρ-ef | f[o/o] E- | ffektiver | Bewehrungs | grad | |

Maximalspannungen und überprüfte Grenzwerte

| Mat | Nachweis oder Kriterium | Wert | Limit | Unit | Level | LF | Stab | x[m] | | | | | |
|-------|--|------------|-------|------|-------|------|------|-------|--|--|--|--|--|
| 1 | Längsdruckspannung σ-x | -0.99 | | MPa | | 1425 | 1067 | 0.000 | | | | | |
| | Längszugspannung σ+x 0.00 MPa 1429 1076 0.997 | | | | | | | | | | | | |
| 2 | 2 Längsdruckspannung σ-x -1.39 MPa 1422 1063 0.000 | | | | | | | | | | | | |
| | Längszugspannung σ+x 44.25 MPa 1425 1067 0.000 | | | | | | | | | | | | |
| Ricci | weite ist mit vorhandener Rewehrung ein | mehalten./ | | | | | | | | | | | |

ist mit vorhandener Bewehrung

Steifigkeiten werden nicht gespeichert

| Längsbew | vehrung - | Beme | essungsfall | 2 | | | | | | | |
|----------|-----------|------|-------------|-------|-----|-------|--------|--------|-------|-------|-------|
| Stab | x[m] | QNr | ρ | Asl | vm | Asl-0 | Asl-1 | Asl-2 | Asl-3 | Asl-4 | Asl-5 |
| | | | [o/o] | [cm2] | [m] | [cm2] | [cm2] | [cm2] | [cm2] | [cm2] | [cm2] |
| 1001 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1001 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1002 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1002 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1003 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1003 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1004 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1004 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1005 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1005 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1006 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1006 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1007 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1007 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1008 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1008 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1009 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1009 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1010 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1010 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1011 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1011 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1012 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1012 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1013 | 0.000 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |
| 1013 | 1.003 | 1 | 0.12 | 23.76 | | | 11.88' | 11.88' | | | |

Längsbewehrung - Bemessungsfall

As1-0 Asl-1 As1-2 As1-3 As1-4 As1-5 Stab x[m] QNr As1 vm ρ [o/o] [cm2] [m] [cm2] [cm2] [cm2] [cm2] [cm2] [cm2] 1014 0.000 1 0.12 23.76 11.88' 11.88' 23.76 1014 1.003 0.12 11.88' 11.88' 1 1015 0.000 1 0.12 23.76 11.88' 11.88' 1015 1.003 1 0.12 23.76 11.88' 11.88' 1016 0.000 1 0.12 23.76 11.88' 11.88' 1016 1.003 1 0.12 11.88' 11.88' 23.76 1017 0.000 11.88' 11.88' 1 0.12 23.76 1017 1.003 1 0.12 23.76 11.88' 11.88' 1018 0.000 0.12 23.76 11.88' 11.88' 1 1018 1.003 1 0.12 23.76 11.88' 11.88' 1019 0.000 1 0.12 23.76 11.88' 11.88' 11.88' 11.88' 1019 1.003 1 0.12 23.76 11.88' 1020 0.000 1 0.12 23.76 11.88' 1 0.12 11.88' 1020 1.003 23.76 11.88' 1021 0.000 1 0.12 23.76 11.88' 11.88 11.88' 1021 1.003 1 0.12 23.76 11.88' 1022 0.000 1 0.12 23.76 11.88' 11.88 1022 1.003 1 0.12 23.76 11.88' 11.88' 0.000 11.88 1023 0.12 23.76 11.88' 1023 1.003 1 0.12 23.76 11.88' 11.88' 1024 0.000 0.12 23.76 11.88' 11.88 1 1024 11.88' 11.88' 1.003 1 0.12 23.76 1025 0.000 1 0.12 23.76 11.88' 11.88 1025 1.003 1 0.12 23.76 11.88' 11.88' 11.88 1026 0.000 0.12 23.76 11.88 1 1026 1.003 0.12 11.88' 11.88' 1 23.76 1027 0.000 1 0.12 23.76 11.88' 11.88' 1027 1.003 1 0.12 23.76 11.88' 11.88' 1028 0.000 1 0.12 23.76 11.88' 11.88' 23.76 11.88' 1028 1.003 1 0.12 11.88' 1029 0.000 0.12 23.76 11.88' 11.88' 1 11.88' 1029 1.003 1 0.12 23.76 11.88' 1030 0.000 1 11.88' 11.88 0.12 23.76 1030 1.003 1 0.12 23.76 11.88' 11.88' 0.000 11.88 1031 1 0.12 23.76 11.88' 1031 1.003 1 0.12 23.76 11.88' 11.88' 1032 0.000 0.12 23.76 11.88' 11.88' 1032 1.003 1 0.12 23.76 11.88' 11.88' 0.000 23.76 11.88' 11.88' 1033 1 0.12 11.88' 11.88' 1033 1.003 1 0.12 23.76 1034 0.000 1 0.12 23.76 11.88' 11.88 1034 1.003 1 0.12 11.88' 11.88' 23.76 1035 0.000 1 0.12 23.76 11.88' 11.88 1035 1.003 1 0.12 11.88' 11.88' 23.76 11.88' 11.88' 1036 0.000 1 0.12 23.76 1036 1.003 1 0.12 23.76 11.88' 11.88' 0.000 1037 1 0.12 23.76 11.88' 11.88' 1037 1.003 0.12 23.76 11.88' 11.88' 1 1038 0.000 1 0.12 23.76 11.88' 11.88' 1.003 1 23.76 11.88' 11.88' 1038 0.12 1039 0.000 1 0.12 23.76 11.88' 11.88 1 1039 1.003 0.12 23.76 11.88' 11.88' 11.88 1040 0.000 1 0.12 23.76 11.88' 11.88' 1040 1.003 1 0.12 23.76 11.88' 1041 0.000 1 0.12 23.76 11.88' 11.88' 1041 1.003 1 0.12 23.76 11.88' 11.88'

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1042

0.000

1

0.12

23.76

11.88'

11.88'

Längsbewehrung - Bemessungsfall

As1-0 Asl-1 As1-2 As1-3 As1-4 As1-5 Stab x[m] QNr As1 vm ρ [o/o] [cm2] [cm2] [m] [cm2] [cm2] [cm2] [cm2] [cm2] 1042 1.003 1 0.12 23.76 11.88' 11.88 1043 0.000 0.12 23.76 11.88' 11.88' 1 1043 1.003 1 0.12 23.76 11.88' 11.88' 1044 0.000 1 0.12 23.76 11.88' 11.88' 1044 1.003 1 0.12 23.76 11.88' 11.88' 1045 0.000 2 0.00 0.00 1045 0.997 2 0.12 23.76 23.76 2 23.76 1046 0.000 0.12 23.76 1046 0.997 2 0.12 23.76 23.76 2 23.76 1047 0.000 0.12 23.76 23.76 1047 0.997 2 0.12 23.76 2 0.12 1048 0.000 23.76 23.76 1048 0.997 2 0.12 23.76 23.76 1049 0.000 2 0.12 23.76 23.76 1049 0.997 2 0.12 23.76 23.76 2 1050 0.000 0.12 23.76 23.76 1050 0.997 2 0.12 23.76 23.76 1051 0.000 2 0.12 23.76 23.76 1051 0.997 2 0.12 23.76 23.76 1052 0.000 2 0.12 23.76 23.76 1052 0.997 2 0.12 23.76 23.76 1053 2 0.12 0.000 23.76 23.76 1053 0.997 2 0.12 23.76 23.76 1054 0.000 2 0.12 23.76 23.76 1054 0.997 2 0.12 23.76 23.76 1055 0.000 2 0.12 23.76 23.76 1055 0.997 2 0.12 23.76 23.76 1056 0.000 2 0.12 23.76 23.76 1056 0.997 2 0.12 23.76 23.76 23.76 2 1057 0.000 0.12 23.76 0.997 2 0.12 23.76 23.76 1057 2 1058 0.000 0.12 23.76 23.76 1058 0.997 2 0.12 23.76 23.76 1059 0.000 2 0.12 23.76 23.76 1059 0.997 2 23.76 0.12 23.76 1060 0.000 2 0.12 23.76 23.76 1060 0.997 2 0.12 23.76 23.76 1061 0.000 2 0.12 23.76 23.76 1061 0.997 2 0.12 23.76 23.76 1062 0.000 2 0.12 23.76 23.76 1062 0.997 2 0.12 23.76 23.76 1063 0.000 2 0.12 23.76 23.76 0.23 22.36 1063 1.025 2 46.12 23.76 1064 0.000 2 0.23 46.12 22.36 23.76 1064 1.025 2 0.23 47.52 23.76 23.76 1065 0.000 2 0.23 47.52 23.76 23.76 2 0.23 1065 1.025 46.12 22.36 23.76 1066 0.000 2 0.23 46.12 22.36 23.76 1066 1.025 2 0.12 23.76 23.76 0.000 2 0.12 23.76 23.76 1067 1067 0.997 2 0.12 23.76 23.76 0.000 2 1068 0.12 23.76 23.76 0.12 1068 0.997 2 23.76 23.76 2 1069 0.000 0.12 23.76 23.76 2 1069 0.997 0.12 23.76 23.76 1070 0.000 2 0.12 23.76 23.76

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1070

0.997

2

0.12

23.76

23.76

Mode1

Längsbewehrung - Bemessungsfall Asl-4 As1-0 Asl-1 As1-2 As1-3 As1-5 Stab x[m] QNr As1 vm ρ [o/o] [cm2] [m] [cm2] [cm2] [cm2] [cm2] [cm2] [cm2] 1071 0.000 2 0.12 23.76 23.76 23.76 1071 0.997 2 0.12 23.76 1072 0.000 2 0.12 23.76 23.76 1072 0.997 2 0.12 23.76 23.76 1073 0.000 2 0.12 23.76 23.76 1073 0.997 2 0.12 23.76 23.76 0.000 2 1074 0.12 23.76 23.76 0.997 2 1074 0.12 23.76 23.76 23.76 1075 0.000 2 0.12 23.76 0.997 2 23.76 1075 0.12 23.76 23.76 1076 0.000 2 0.12 23.76 2 1076 0.997 0.12 23.76 23.76 1077 0.000 2 0.12 23.76 23.76 0.997 2 0.12 23.76 1077 23.76 1078 0.000 2 0.12 23.76 23.76 2 1078 0.997 0.12 23.76 23.76 1079 0.000 2 0.12 23.76 23.76 1079 0.997 2 0.12 23.76 23.76 0.000 1080 0.12 23.76 23.76 1080 0.997 2 0.12 23.76 23.76 1081 0.000 2 0.12 23.76 23.76 2 0.12 1081 0.997 23.76 23.76 1082 0.000 2 0.12 23.76 23.76 1082 0.997 2 0.12 23.76 23.76 1083 0.000 2 0.12 23.76 23.76 23.76 1083 0.997 2 0.12 23.76 1084 0.000 2 0.12 23.76 23.76 1084 0.997 2 0.00 0.00 1085 0.000 2 0.12 23.76 11.88' 11.88' 2 23.76 11.88' 1085 1.003 0.12 11.88' 0.000 2 0.12 23.76 11.88' 11.88' 1086 2 11.88' 11.88' 1086 1.003 0.12 23.76 1087 0.000 2 0.12 23.76 11.88' 11.88' 1087 1.003 2 0.12 23.76 11.88' 11.88' 0.000 2 11.88 1088 0.12 23.76 11.88' 1088 1.003 2 0.12 23.76 11.88' 11.88' 1089 0.000 2 0.12 23.76 11.88' 11.88' 1089 1.003 2 0.12 23.76 11.88' 11.88' 1090 0.000 2 0.12 23.76 11.88' 11.88' 11.88' 11.88' 1090 1.003 2 0.12 23.76 1091 0.000 2 0.12 23.76 11.88' 11.88 1091 1.003 2 0.12 23.76 11.88' 11.88' 1092 0.000 2 0.12 23.76 11.88' 11.88 1092 1.003 2 0.12 11.88' 11.88' 23.76 11.88' 11.88' 1093 0.000 2 0.12 23.76 1093 1.003 2 0.12 23.76 11.88' 11.88' 0.000 2 0.12 1094 23.76 11.88' 11.88' 1094 1.003 2 0.12 23.76 11.88' 11.88' 1095 0.000 2 0.12 23.76 11.88' 11.88' 1.003 2 0.12 23.76 11.88' 11.88' 1095 1096 0.000 2 0.12 23.76 11.88' 11.88 2 11.88' 1096 1.003 0.12 23.76 11.88' 11.88 1097 0.000 2 0.12 23.76 11.88' 2 11.88' 1097 1.003 0.12 23.76 11.88' 2 1098 0.000 0.12 23.76 11.88' 11.88' 1098 1.003 2 0.12 23.76 11.88' 11.88'

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1099

0.000

2

0.12

23.76

11.88'

11.88'

Längsbewehrung - Bemessungsfall

As1-0 Asl-1 As1-2 As1-3 As1-4 As1-5 Stab x[m] QNr As1 vm ρ [o/o] [cm2] [m] [cm2] [cm2] [cm2] [cm2] [cm2] [cm2] 1099 1.003 2 0.12 23.76 11.88' 11.88' 23.76 1100 0.000 2 0.12 11.88' 11.88' 1100 1.003 2 0.12 23.76 11.88' 11.88 1101 0.000 2 0.12 23.76 11.88' 11.88' 1101 1.003 2 0.12 23.76 11.88' 11.88' 1102 0.000 2 0.12 23.76 11.88' 11.88' 1102 1.003 2 11.88' 11.88' 0.12 23.76 0.000 1103 2 0.12 23.76 11.88' 11.88' 1103 1.003 2 0.12 23.76 11.88' 11.88' 23.76 11.88' 1104 0.000 2 0.12 11.88' 1104 1.003 2 0.12 23.76 11.88' 11.88' 2 11.88' 11.88' 1105 0.000 0.12 23.76 11.88' 1105 1.003 2 0.12 23.76 11.88' 0.000 2 0.12 23.76 11.88' 1106 11.88' 1106 1.003 2 0.12 23.76 11.88' 11.88 2 11.88' 1107 0.000 0.12 23.76 11.88' 1107 1.003 2 0.12 23.76 11.88' 11.88 1108 0.000 2 0.12 23.76 11.88' 11.88' 1108 1.003 11.88 0.12 23.76 11.88' 1109 0.000 2 0.12 23.76 11.88' 11.88' 11.88' 11.88 1109 1.003 2 0.12 23.76 2 11.88' 11.88' 1110 0.000 0.12 23.76 1110 1.003 2 0.12 23.76 11.88' 11.88 1111 0.000 2 0.12 23.76 11.88' 11.88' 1111 11.88 11.88 1.003 2 0.12 23.76 1112 0.000 2 0.12 11.88' 11.88' 23.76 1112 1.003 2 0.12 23.76 11.88' 11.88' 1113 0.000 2 0.12 23.76 11.88' 11.88' 1113 1.003 2 0.12 23.76 11.88' 11.88' 23.76 1114 2 11.88' 11.88' 0.000 0.12 1114 1.003 2 0.12 23.76 11.88' 11.88' 11.88' 11.88' 1115 0.000 2 0.12 23.76 1115 1.003 2 23.76 11.88' 11.88 0.12 1116 0.000 2 0.12 23.76 11.88' 11.88' 1.003 2 11.88 1116 0.12 23.76 11.88' 1117 0.000 2 0.12 23.76 11.88' 11.88' 1117 1.003 2 0.12 23.76 11.88' 11.88' 1118 0.000 2 0.12 23.76 11.88' 11.88' 1118 1.003 2 0.12 23.76 11.88' 11.88' 11.88' 11.88' 1119 0.000 2 0.12 23.76 1119 1.003 2 0.12 23.76 11.88' 11.88 1120 0.000 2 0.12 23.76 11.88' 11.88' 1120 1.003 2 0.12 23.76 11.88' 11.88 1121 0.000 2 0.12 11.88' 11.88' 23.76 11.88' 11.88' 1121 1.003 2 0.12 23.76 1122 0.000 2 0.12 23.76 11.88' 11.88' 2 1122 1.003 0.12 23.76 11.88 11.88' 1123 0.000 2 0.12 23.76 11.88 11.88' 1123 1.003 2 0.12 23.76 11.88 11.88' 1124 0.000 2 0.12 23.76 11.88 11.88' 1124 1.003 2 0.12 23.76 11.88 11.88 0.000 2 1125 0.12 23.76 11.88 11.88' 11.88 1125 1.003 2 0.12 23.76 11.88 1126 2 11.88' 0.000 0.12 23.76 11.88 2 1126 1.003 0.12 23.76 11.88 11.88' 1127 0.000 2 0.12 23.76 11.88 11.88'

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1127

1.003

2

0.12

23.76

11.88

11.88'

Längsbewehrung - Bemessungsfall

| Stab | x[m] | QNr | ρ | Asl | vm | Asl-0 | Asl-1 | Asl-2 | Asl-3 | Asl-4 | Asl-5 |
|------|-------|-----|-------|-------|-----|-------|-------|--------|-------|-------|-------|
| | | | [o/o] | [cm2] | [m] | [cm2] | [cm2] | [cm2] | [cm2] | [cm2] | [cm2] |
| 1128 | 0.000 | 2 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |
| 1128 | 1.003 | 2 | 0.12 | 23.76 | | | 11.88 | 11.88' | | | |

Anmerkung: Rang enthält erforderliche Torsionsbewehrung, wenn T folgt Anmerkung: Rang ist ausschließlich Druckbewehrung, wenn ein Apostroph folgt

geometrischer Anteil der Bewehrung ρ Asl

gesamte Längsbewehrung

Versatzmaß der Längsbewehrung (0.0 falls bereits über Normalkraft berücksichtigt)

Asl-0,Asl-1,Asl-2,Asl-3,Asl-4,Asl-5 Längsbewehrung je Rang

Maximale Ausnutzungsgrade

| | | N | Vy | Vz | Му | Mz | Mtp | Mts | Mb | Ncr | QKL | Total |
|-------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| | | σ-х | σ+x | τ | σ-v | σ-s | σ-dyn | As-l | As-v | crack | | |
| Querschnitt | 2 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | - | 0.028 |
| Strebe | | 0.000 | 0.000 | 0.000 | 0.000 | - | - | - | - | 0.028 | - | |
| Gesamt | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | - | - | 0.028 |
| | | 9 999 | 9 999 | 9 999 | 9 999 | _ | _ | _ | _ | 0 028 | _ | |

Normalkraft Schubspannung

Vy,Vz Querkraft Haupt- oder Vergleichsspannung σ-ν

Spannung in Bewehrung My,Mz Biegung σ-s Torsion (p)rimär und (s)ekundär Mtp,Mts σ -dyn Schwingbreite

Mb Wölbmoment Längsbewehrung As-l

Ncr Biegeknicken Bügelbewehrung bzw. Betonschubtragfähigkeit As-v

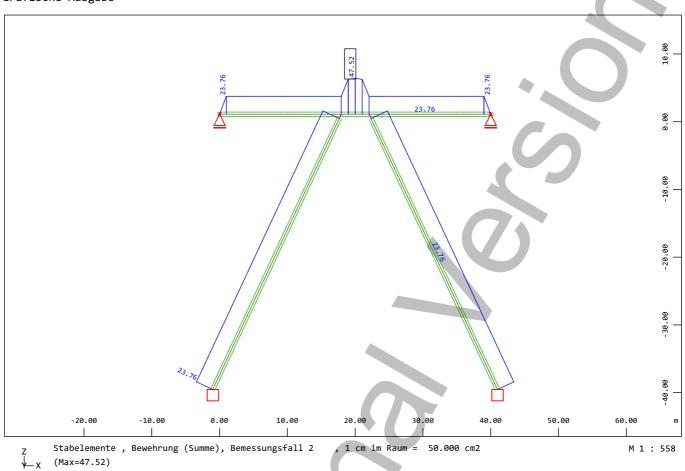
QKL Querschnittsklasse crack Rissweite

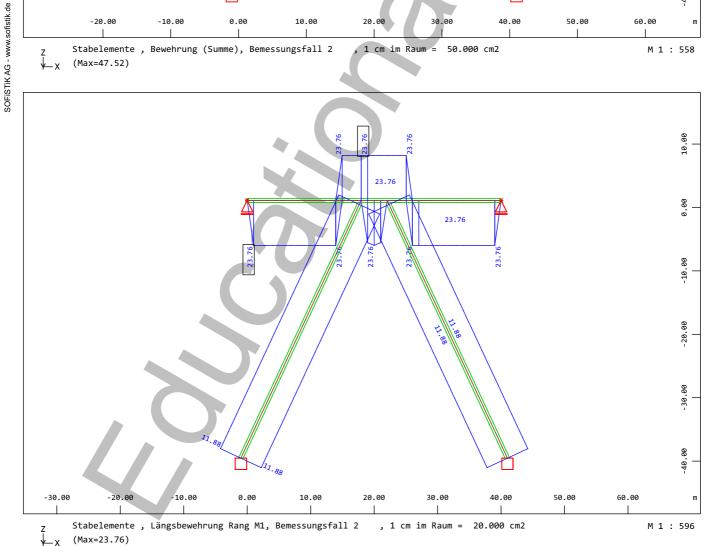
σ-x Längsdruckspannung Total ungünstigste Ausnutzung in allen Nachweisen

σ+х Längszugspannung



Model Grafische Ausgabe

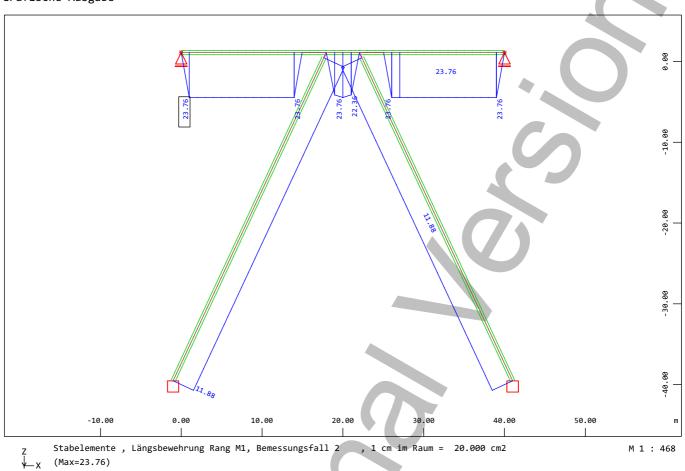


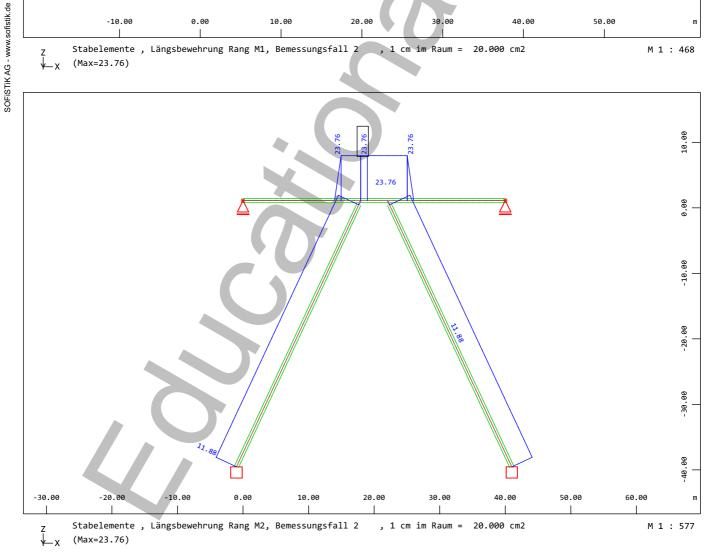


, 1 cm im Raum = 20.000 cm2

Stabelemente , Längsbewehrung Rang M2, Bemessungsfall 2

Model Grafische Ausgabe





Model Grafische Ausgabe

