

* Nach der UVV VBG 9 muß bei Kranen ein unterer Sicherheitsabstand von 500 mm zwischen bewegten und unbewegten Teilen eingehalten werden. Die im Seil nachgebend aufgehängte Unterflasche ist davon ausgenommen.

1) Montagemöglichkeit überprüfen

2) Wenn keine Hauptschleifleitung oberhalb der Kranbrücke

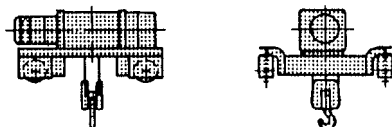
9) Zulässige Spurmittenmaßtoleranz der Kranbahn

$l_{Kr} \leq 15 \text{ m} \pm 5 \text{ mm}$
 $l_{Kr} > 15 \text{ m} \pm [5 + 0,25 (l_{Kr} - 15)] \text{ mm}$ (nach DIN 4132)
dabei L_{KR} (m)

| ϕ Laufrad d_1 mm | Kranbahn-Schienenbreite b_{schi} mm |
|-------------------------------|---|
| 160 | 35-50 |
| 250 | 40-55 |
| 400 | 50-70 |
| 500 | 60-80 |

Laufradausdrehungen für andere Kranbahn-Schienenbreiten auf Anfrage.

Katzbauart EZLDH (DH-Hubwerk: kompakte Bauweise – Getriebe in der Trommel – integrierte Elektrik).



Und praktisch wartungsfreien Fahrantrieben.
Große Variationsmöglichkeit der Hubgeschwindigkeiten, der Hakenwege und Einstufung in höhere FEM- bzw. DIN-Gruppen zur individuellen Anpassung an die Aufgabenstellung.
Ausrüstung mit Wartungsbühne möglich.

Kranauswahltabelle DIN 15018, Hubklasse H 2, Beanspruchungsgruppe B 3

Crane selection table DIN 15018, hoisting class H 2, loading group B 3

| Trag- last SWL | Hubwerk Hoist unit | | | | | | | | | | | | Katz- gewicht Weight of trolley | Kranbrücke Crane bridge | | | Fahrwerk Travel unit | | | | | | Katze Trolley | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------------------|---------------------------------------|----------------|----------------|---------------------------------------|----------------|----------------------------|---|------|---------------------------------|------|------------|--|----------------------------|-----------------|------------------------|---------------------------|--------------------|---------------------------|-------|---------|---------------------------------|------------------|----------------|----------------------------|------|-----|------|------|-------|------|------|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| | H 4) | Haupthub Main hoist m/min 3) | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist 5) FEM-Gruppe FEM-group | | l _{Kr} bis up to | U | X 2) 5) | | d | e _{K1} | L _{KA} 10) | L | Puffer type 11) | b | EZLDH | | | | | | | | | | | | | | | | | | | | | | | | |
| | | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | | | | | | | | | | | | | y | g 7) | l _{an1} (mm) 8) 11) | | | l _{an2} 8) 11) | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | mm | mm | mm | mm | | | | | | | | | | | | | | | |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | kg | m | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | | | | | | | | | | | | | | | |
| 3,2 | 12 | 6,3 | 8,0 | 12,5 | 6,3 | 8,0 | 12,5 | DH 316 H 12 2/1 1 Am | 360 | 11,5 | 0 | 1400 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | 0 | 600 | 600 | 640 | 640 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 14,0 | 80 | | | 580 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 420 | 15,0 | 180 | | | 2500 | 1400 | 2962 | | | 680 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 17,5 | 180 | | | 3150 | 3612 | 780 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 18,5 | 280 | | | 4000 | 2240 | 4616 | | | 880 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 380 | | | 28,0 | 480 | 980 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 495 | 30,0 | 580 | | 250 | 4560 | 2800 | 5176 | 125 | 175 | 1080 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 32,0 | 680 | | | | | | | | 1180 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 32,5 | 830 | | | | | | | | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 34,5 | 930 | | | | | | | | 1430 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 535 | 35,0 | 930 | | | | | | | | 5000 | | | | | | 5616 | 1330 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1430 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 3,2 | 12 | | 6,3 | 10 | 16 | 6,3 | 10 | 16 | DH 516 H 12 2/1 3 m | | | | | | 488 | 12,5 | 0 | 1435 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | + 340 | 650 | 670 | 740 | 650 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 14,0 | 80 | | | 580 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 535 | 14,5 | 180 | | | 2500 | 1400 | 2962 | | | 680 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 17,5 | 180 | | | 3150 | 3612 | 780 | | | | | | | | | | | | |
| 18,5 | 280 | 250 | 4560 | 2800 | 5176 | 125 | 175 | 880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22,0 | 380 | | | | | | | 28,0 | 480 | | | 980 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,0 | 580 | | | | | | | 4000 | 2240 | | | 4616 | | | | | | | | 1080 | | | | | | | | | | | | | | | | | | | | | | | | |
| 32,0 | 680 | | | | | | | 4560 | 5176 | | | 1180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 612 | 32,5 | | | | | | | 680 | 250 | | | 4560 | | | | | | | | 2800 | 5176 | 125 | 175 | 1330 | | | | | | | | | | | | | | | | | | | | |
| | 34,0 | | | | | | | 830 | | | | | | | | | | | | | | | | 1430 | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 5000 | 5616 | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4,0 | 12 | 5,0 | 6,3 | 10 | 6,3 | 10 | DH 320 H 12 2/1 1 Bm | 360 | | | | | | | | | | | | | | | | 11,0 | 0 | 1400 | 160 | | 2000 | 1000 | 2462 | 100 | 150 | 500 | 0 | | | | | | 600 | 600 | 640 | 640 |
| | | | | | | | | | | | | | | | | | | | | | | | | 13,5 | 80 | | | | 580 | | | | | | | | | | | | | | | |
| | | | | | | | | 420 | 14,0 | | | 180 | | | | | | | | 2500 | 1400 | 2962 | 680 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 17,0 | | | 180 | | | | | | | | 3150 | 3612 | 780 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 17,5 | 280 | 250 | 4560 | 2800 | 5176 | 125 | 175 | 880 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 21,0 | 280 | | | | | | | 4000 | 2240 | 4616 | 980 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 22,0 | 380 | 4560 | | | | | | | 5176 | 1080 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 25,0 | 380 | 5000 | | | | | | | 5616 | 1180 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 495 | 27,0 | 480 | | | | | | | 250 | 4560 | 2800 | 5176 | 125 | 175 | 1330 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 28,0 | 580 | | | | | | | | | | | | | 1430 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 29,5 | 580 | 5000 | 5616 | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 32,0 | 680 | | | 1430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 535 | 34,0 | 830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 35,0 | 930 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 4,0 | 12 | 6,3 | 10 | 16 | 6,3 | 10 | 16 | DH 520 H 12 2/1 2 m | 488 | 11,0 | 0 | 1435 | 160 | 2000 | 1000 | 2462 | | 100 | 150 | 500 | + 145 | 650 | 670 | 740 | 650 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 13,5 | 80 | | | 580 | | | | | | | | | | | | | | | | | | | | | |
| 535 | 14,0 | 180 | 2500 | 1400 | 2962 | 680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 17,0 | 180 | 3150 | 3612 | 780 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 17,5 | 280 | 250 | 4560 | 2800 | 5176 | 125 | 175 | | | | | | | | | | 880 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 21,0 | 280 | | | | | | | | | | | | | | | | 4000 | 2240 | 4616 | | | 980 | | | | | | | | | | | | | | | | | | | | | |
| 22,0 | 380 | 4560 | | | | | | | | | | | | | | | | 5176 | 1080 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24,5 | 380 | 5000 | | | | | | | | | | | | | | | | 5616 | 1180 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 612 | 27,0 | 480 | | | | | | | | | | | | | | | | 250 | 4560 | 2800 | | 5176 | 125 | 175 | 1330 | | | | | | | | | | | | | | | | | | | |
| | 28,0 | 580 | | | | | | | | | | | | | | | | | | | | | | | 1430 | | | | | | | | | | | | | | | | | | | |
| | 29,0 | 580 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32,0 | 680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 650 | 34,0 | 830 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Kranauswahltabelle DIN 15018, Hubklasse H 2, Beanspruchungsgruppe B 3

Crane selection table DIN 15018, hoisting class H 2, loading group B 3

| Crane selection table DIN 15016, hoisting class V2, feeding 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------------------------------------|----------------|----------------|---------------------------------------|----------------|----------------|---|-----|--------------------------------------|----------------------------------|----------------------------|------------------|---------|-------------------------|------------------------------|---------|--------------------------|---------------|---------|------------------|---------------------------------|----------------|----------------|----------------------------------|--|
| Traglast SWL | Hubwerk Hoist unit | | | | | | | | | | Katzgewicht Weight of trolley | Kranbrücke Crane bridge | | | Fahrwerk Travel unit | | | | | | Katze Trolley | | | | | |
| | H 4) | Haupthub Main hoist m/min 3) | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist e) FEM-Gruppe FEM-group | kg | l _{Kr} bis up to m | | U mm | X 2) 5) mm | d mm | e _{kt} mm | L _{KA} 10) mm | L mm | Puffertyp Buffer type | b 1) mm | EZLDH | | | | | | |
| | | | | | | | | | | | | | | | | | | | | y mm | g 7) mm | l _{an1} (mm) 8) 11) | | | l _{an2} 8) 11) mm | |
| | | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | | | | | | | | | | | | | | | | | | | |
| 5,0 | 6 | 4 | 5 | 8 | 4 | 5 | 8 | DH 312 H 12 4/1 2 m | 450 | 10,0 | 0 | 1400 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | - | 50 | 665 | 665 | 705 | 570 | |
| | | | | | | | | | | 12,0 | 80 | | | | | | | | 580 | | | | | | | |
| | | | | | | | | | | 14,0 | 180 | | | | | | | | 680 | | | | | | | |
| | | | | | | | | | | 15,5 | 280 | | | | | | | | 780 | | | | | | | |
| | | | | | | | | | | 17,5 | 280 | | | | | | | | 880 | | | | | | | |
| | | | | | | | | | | 20,0 | 380 | | | | | | | | 980 | | | | | | | |
| | | | | | | | | | | 21,5 | 380 | | | 880 | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 480 | | | 980 | | | | | | | | | | | | |
| | | | | | | | | | | 24,0 | 380 | | | 1080 | | | | | | | | | | | | |
| | | | | | | | | | | 26,5 | 480 | | | 1180 | | | | | | | | | | | | |
| | | | | | | | | | | 28,0 | 580 | | | 1330 | | | | | | | | | | | | |
| | | | | | | | | | | 31,0 | 680 | | | 1430 | | | | | | | | | | | | |
| | | | | | | | | | | 530 | 15,5 | | 280 | 880 | | | | | | | | | | | | |
| | | | | | | | | | | | 17,5 | | 280 | 980 | | | | | | | | | | | | |
| | | | | | | | | | | | 20,0 | | 380 | 1080 | | | | | | | | | | | | |
| | | | | | | | | | | | 21,5 | | 380 | 1180 | | | | | | | | | | | | |
| | | | | | | | | | | | 22,0 | | 480 | 1330 | | | | | | | | | | | | |
| | | | | | | | | | | | 24,0 | | 380 | 1430 | | | | | | | | | | | | |
| | | | | | | | | | | | 26,5 | | 480 | 1580 | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | | 580 | 1730 | | | | | | | | | | | | |
| 575 | 24,0 | 380 | 1830 | | | | | | | | | | | | | | | | | | | | | | | |
| | 26,5 | 480 | 1930 | | | | | | | | | | | | | | | | | | | | | | | |
| | 28,0 | 580 | 2030 | | | | | | | | | | | | | | | | | | | | | | | |
| | 31,0 | 680 | 2130 | | | | | | | | | | | | | | | | | | | | | | | |
| | 32,0 | 830 | 2230 | | | | | | | | | | | | | | | | | | | | | | | |
| | 33,0 | 830 | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 2430 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 2530 | | | | | | | | | | | | | | | | | | | | | | | |
| 5,0 | 12 | 5 | 8 | 12,5 | 5 | 8 | 12,5 | DH 525 H 12 2/1 1 Am | 488 | 10,0 | 0 | 1435 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | + | 145 | 650 | 670 | 740 | 650 | |
| | | | | | | | | | | 12,0 | 80 | | | | | | | | 580 | | | | | | | |
| | | | | | | | | | | 14,0 | 180 | | | | | | | | 680 | | | | | | | |
| | | | | | | | | | | 15,5 | 280 | | | | | | | | 780 | | | | | | | |
| | | | | | | | | | | 17,5 | 280 | | | | | | | | 880 | | | | | | | |
| | | | | | | | | | | 20,0 | 380 | | | | | | | | 980 | | | | | | | |
| | | | | | | | | | | 21,5 | 380 | | | 1080 | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 480 | | | 1180 | | | | | | | | | | | | |
| | | | | | | | | | | 24,0 | 380 | | | 1280 | | | | | | | | | | | | |
| | | | | | | | | | | 26,0 | 480 | | | 1380 | | | | | | | | | | | | |
| | | | | | | | | | | 28,0 | 580 | | | 1480 | | | | | | | | | | | | |
| | | | | | | | | | | 31,0 | 680 | | | 1580 | | | | | | | | | | | | |
| | | | | | | | | | | 585 | 15,5 | | 280 | 1680 | | | | | | | | | | | | |
| | | | | | | | | | | | 17,5 | | 280 | 1780 | | | | | | | | | | | | |
| | | | | | | | | | | | 20,0 | | 380 | 1880 | | | | | | | | | | | | |
| | | | | | | | | | | | 21,5 | | 380 | 1980 | | | | | | | | | | | | |
| | | | | | | | | | | | 22,0 | | 480 | 2080 | | | | | | | | | | | | |
| | | | | | | | | | | | 24,0 | | 380 | 2180 | | | | | | | | | | | | |
| | | | | | | | | | | | 26,0 | | 480 | 2280 | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | | 580 | 2380 | | | | | | | | | | | | |
| 612 | 31,0 | 680 | 2480 | | | | | | | | | | | | | | | | | | | | | | | |
| | 32,0 | 830 | 2580 | | | | | | | | | | | | | | | | | | | | | | | |
| | 33,0 | 830 | 2680 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 2780 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 2880 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 2980 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 3080 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 930 | 3180 | | | | | | | | | | | | | | | | | | | | | | | |
| 6,3 | 6 | 3,1 | 4 | 6,3 | 3,1 | 4 | 6,3 | DH 316 H 12 4/1 1 Am | 450 | 9,0 | 0 | 1400 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | - | 50 | 665 | 665 | 705 | 570 | |
| | | | | | | | | | | 11,0 | 80 | | | | | | | | 580 | | | | | | | |
| | | | | | | | | | | 13,5 | 180 | | | | | | | | 680 | | | | | | | |
| | | | | | | | | | | 14,0 | 280 | | | | | | | | 780 | | | | | | | |
| | | | | | | | | | | 17,5 | 280 | | | | | | | | 880 | | | | | | | |
| | | | | | | | | | | 18,0 | 380 | | | | | | | | 980 | | | | | | | |
| | | | | | | | | | | 20,5 | 380 | | | 1080 | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 480 | | | 1180 | | | | | | | | | | | | |
| | | | | | | | | | | 22,5 | 380 | | | 1280 | | | | | | | | | | | | |
| | | | | | | | | | | 25,0 | 480 | | | 1380 | | | | | | | | | | | | |
| | | | | | | | | | | 27,0 | 580 | | | 1480 | | | | | | | | | | | | |
| | | | | | | | | | | 28,0 | 680 | | | 1580 | | | | | | | | | | | | |
| | | | | | | | | | | 530 | 17,5 | | 280 | 1680 | | | | | | | | | | | | |
| | | | | | | | | | | | 18,0 | | 380 | 1780 | | | | | | | | | | | | |
| | | | | | | | | | | | 20,5 | | 380 | 1880 | | | | | | | | | | | | |
| | | | | | | | | | | | 22,0 | | 480 | 1980 | | | | | | | | | | | | |
| | | | | | | | | | | | 22,5 | | 380 | 2080 | | | | | | | | | | | | |
| | | | | | | | | | | | 25,0 | | 480 | 2180 | | | | | | | | | | | | |
| | | | | | | | | | | | 27,0 | | 580 | 2280 | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | | 680 | 2380 | | | | | | | | | | | | |
| 575 | 29,5 | 680 | 2480 | | | | | | | | | | | | | | | | | | | | | | | |
| | 32,0 | 830 | 2580 | | | | | | | | | | | | | | | | | | | | | | | |
| | 34,5 | 930 | 2680 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 1080 | 2780 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 1080 | 2880 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 1080 | 2980 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 1080 | 3080 | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 1080 | 3180 | | | | | | | | | | | | | | | | | | | | | | | |

Kranauswahltabelle DIN 15018, Hubklasse H 2, Beanspruchungsgruppe B 3

Crane selection table DIN 15018, hoisting class H 2, loading group B 3

| Trag- last SWL | Hubwerk Hoist unit | | | | | | | | Katz- gewicht Weight of trolley | Kranbrücke Crane bridge | | | | Fahrwerk Travel unit | | | | | | Katze Trolley | | | | | |
|----------------------|-----------------------|---------------------------------------|----------------|----------------|---------------------------------------|------------------|----------------------------|---|--|---------------------------------|------|------------|------|-------------------------|------------------------|----------------------------|---------------------------|---------|-------|------------------|---------------------------------|----------------|----------------|----------------------------|-----|
| | H 4) | Haupthub Main hoist m/min 3) | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist 5) FEM-Gruppe FEM-group | | I _{Kr} bis up to | U | X 2) 5) | d | e _{kt} | L _{KA} 10) | L | Puffer typ Buffer type | b 1) | EZLDH | | | | | | |
| | | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | | | | | | | | | | | | y | g 7) | I _{an1} (mm) 8) 11) | | | I _{an2} 8) 11) | |
| | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | mm |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | kg | m | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | V ₁ | V ₂ | V ₃ | mm | | |
| 6,3 | 12 | 4 | 6,3 | 10 | $\frac{6,3}{1}$ | $\frac{10}{1,7}$ | DH 532 H 12 2/1 1 Bm | 500 | 9,0 | 0 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | + 145 | 650 | 670 | 740 | 650 | | | |
| | | | | | | | | | 11,0 | 80 | | | | | | | 580 | | | | | | | | |
| | | | | | | | | | 13,5 | 180 | | | | | | | 680 | | | | | | | | |
| | | | | | | | | | 14,0 | | | | | | | | | | | | | | | | |
| | | | | | | | | 600 | 17,5 | 280 | 2500 | 1400 | 2962 | 125 | 175 | 780 | | | | | | | | | |
| | | | | | | | | | 18,0 | | | | | | | 880 | | | | | | | | | |
| | | | | | | | | | 20,5 | 380 | | | | | | 3150 | 3612 | | | | | | 980 | | |
| | | | | | | | | | 22,0 | 480 | | | | | | | | | | | | | 1080 | | |
| | | | | | | | | 640 | 25,0 | | 4000 | 2240 | 4616 | 125 | 175 | 1180 | | | | | | | | | |
| | | | | | | | | | 27,0 | 580 | | | | | | 1330 | | | | | | | | | |
| | | | | | | | | | 28,0 | 680 | | | | | | 1430 | | | | | | | | | |
| | | | | | | | | | 29,5 | | | | | | | 4560 | 2800 | | | | | | 5176 | 125 | 175 |
| | | | | | | | | 700 | 32,0 | 830 | | | | | | | | | | | | | | | |
| | | | | | | | | | 34,0 | 930 | | | | | | | | | | | | | | | |
| | | | | | | | | | 35,0 | 1080 | | | | | | | | | | | | | | | |
| | | | | | | | | | 8,0 | 6 | 2,5 | 3,1 | 5 | $\frac{3,1}{0,5}$ | $\frac{5}{0,85}$ | DH 320 H 12 4/1 1 Bm | 450 | | | | | | 8,0 | 0 | 160 |
| 10,0 | 80 | 580 | | | | | | | | | | | | | | | | | | | | | | | |
| 12,0 | 180 | 680 | | | | | | | | | | | | | | | | | | | | | | | |
| 14,0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 530 | 16,0 | 280 | 2500 | 1400 | 2962 | 125 | 175 | 780 | | | | | | | | | | | | | | | | | |
| | 17,5 | 380 | | | | | | 3150 | | | | | | | | | 3612 | 880 | | | | | | | |
| | 18,0 | 480 | | | | | | | | | | | | | | | | 980 | | | | | | | |
| | 21,0 | 580 | | | | | | 4000 | | | | | | | | | 2240 | 4616 | 125 | 175 | 1080 | | | | |
| 22,0 | 680 | 1180 | | | | | | | | | | | | | | | | | | | | | | | |
| 575 | 23,5 | 830 | 4560 | 2800 | 5176 | 125 | 175 | 1330 | | | | | | | | | | | | | | | | | |
| | 25,5 | 930 | | | | | | 1430 | | | | | | | | | | | | | | | | | |
| | 28,0 | | | | | | | 1580 | | | | | | | | | | | | | | | | | |
| | 28,5 | 1080 | | | | | | | | | | | | | | | | | | | | | | | |
| 655 | 30,5 | | 1400 | 2000 | 1000 | 2462 | 100 | 150 | | | | | | | | | 500 | | | | | | | | |
| | 32,0 | 80 | | | | | | | | | | | | | | | 580 | | | | | | | | |
| | 33,0 | 180 | | | | | | | | | | | | | | | 680 | | | | | | | | |
| | 35,0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8,0 | 6 | 3,1 | 5 | 8 | $\frac{3,1}{0,5}$ | $\frac{5}{0,8}$ | $\frac{8}{1,3}$ | DH 520 H 12 4/1 2 m | 565 | 8,0 | 0 | 160 | 2000 | 1000 | 2462 | 100 | 150 | 500 | + 25 | 680 | 720 | 790 | 600 | | |
| | | | | | | | | | | 10,0 | 80 | | | | | | | 580 | | | | | | | |
| | | | | | | | | | | 12,0 | 180 | | | | | | | 680 | | | | | | | |
| | | | | | | | | | | 14,0 | | | | | | | | | | | | | | | |
| | | | | | | | | | 645 | 16,0 | 280 | 2500 | 1400 | 2962 | 125 | 175 | 780 | | | | | | | | |
| | | | | | | | | | | 17,5 | 380 | | | | | | 3150 | 3612 | | | | | | 880 | |
| | | | | | | | | | | 18,0 | 480 | | | | | | | | | | | | | 980 | |
| | | | | | | | | | | 20,0 | 580 | | | | | | 4000 | 2240 | | | | | | 4616 | 125 |
| | | | | | | | | | 21,0 | 680 | 1180 | | | | | | | | | | | | | | |
| | | | | | | | | | 690 | 22,0 | 830 | 4560 | 2800 | 5176 | 125 | 175 | 1330 | | | | | | | | |
| | | | | | | | | | | 23,5 | 930 | | | | | | 1430 | | | | | | | | |
| | | | | | | | | | | 25,5 | | | | | | | 1580 | | | | | | | | |
| | | | | | | | | | | 28,0 | 1080 | | | | | | | | | | | | | | |
| | | | | | | | | | 770 | 30,5 | | 1435 | 2000 | 1000 | 2462 | 100 | 150 | 500 | | | | | | | |
| | | | | | | | | | | 32,0 | 80 | | | | | | | 580 | | | | | | | |
| | | | | | | | | | | 33,0 | 180 | | | | | | | 680 | | | | | | | |
| 35,0 | | | | | | | | | | | | | | | | | | | | | | | | | |

[illegible]

Kranauswahltabelle DIN 15 018, Hubklasse H 2, Beanspruchungsgruppe B 3

Crane selection table DIN 15 018, hoisting class H 2, loading group B 3

| Trag- last SWL | Hubwerk Hoist unit | | | | | | | | Katz- gewicht Weight of trolley | Kranbrücke Crane bridge | | | Fahrwerk Travel unit | | | | | | Katze Trolley | | | | | | |
|----------------------|-----------------------|---------------------------------------|----------------|----------------|---------------------------------------|----------------|----------------|---|--|---------------------------------|------|------------|-------------------------|-----------------|------------------------|------|--------------------------|---------|------------------|---------|---------------------------------|----------------|----------------|----------------------------|-----|
| | H 4) | Haupthub Main hoist m/min 3) | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist 5) FEM-Gruppe FEM-group | | l _{Kr} bis up to | U | X 7) 5) | d | e _{kt} | L _{KA} 10) | L | Puffertyp Buffer type | b 1) | EZLDH | | | | | | |
| | | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | | | | | | | | | | | | y | g 7) | l _{an1} (mm) 8) 11) | | | l _{an2} 8) 11) | |
| | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | mm |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | kg | m | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | |
| 12,5 | 6 | 2 | 3,1 | 5 | 3,1 | 5 | 0,5 | 0,8 | DH 532 H 12 4/1 1 Bm | 665 | 6,0 | 0 | 1480 | 250 | 2000 | 1000 | 2566 | 100 | 175 | 500 | - 20 | 720 | 720 | 790 | 650 |
| | | | | | | | | | | | 8,0 | 80 | | | | | | | | 580 | | | | | |
| | | | | | | | | | | | 10,0 | 180 | | | | | | | | 680 | | | | | |
| | | | | | | | | | | | 13,0 | 280 | | | | | | | | 780 | | | | | |
| | | | | | | | | | | | 14,0 | 380 | | | | | | | | 880 | | | | | |
| | | | | | | | | | | 745 | 14,5 | 480 | 1580 | 400 | 2500 | 1400 | 3066 | 125 | 200 | 980 | | | | | |
| | | | | | | | | | | | 17,0 | 580 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | | 17,5 | 580 | | | | | | | | 980 | | | | | |
| | | | | | | | | | | | 19,5 | 480 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | | 22,0 | 580 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | 790 | 23,0 | 680 | 1580 | 400 | 4000 | 2240 | 4616 | 125 | 200 | 1180 | | | | | |
| | | | | | | | | | | | 25,5 | 590 | | | | | | | | 1090 | | | | | |
| | | | | | | | | | | | 27,5 | 740 | | | | | | | | 1240 | | | | | |
| | | | | | | | | | | | 28,0 | 990 | | | | | | | | 1340 | | | | | |
| | | | | | | | | | | | 29,0 | 840 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | 870 | 30,0 | 840 | 1580 | 400 | 4560 | 2800 | 5326 | 125 | 200 | 1340 | | | | | |
| | | | | | | | | | | | 32,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| 12,5 | 16 | 5 | 8 | 12,1 | 8 | 11,2 | 1,3 | 1,8 | DH 1063 H 16 2/1 1 Bm | 1000 | 6,5 | 0 | 1650 | 250 | 2000 | 1000 | 2566 | 100 | 175 | 500 | + 225 | 830 | 910 | 990 | 830 |
| | | | | | | | | | | | 8,0 | 80 | | | | | | | | 580 | | | | | |
| | | | | | | | | | | | 10,0 | 180 | | | | | | | | 680 | | | | | |
| | | | | | | | | | | | 13,0 | 280 | | | | | | | | 780 | | | | | |
| | | | | | | | | | | | 14,0 | 380 | | | | | | | | 880 | | | | | |
| | | | | | | | | | | 1020 | 14,5 | 480 | 1750 | 400 | 2500 | 1400 | 3066 | 125 | 200 | 980 | | | | | |
| | | | | | | | | | | | 17,0 | 580 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | | 17,5 | 580 | | | | | | | | 980 | | | | | |
| | | | | | | | | | | | 19,5 | 480 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | | 22,0 | 580 | | | | | | | | 1080 | | | | | |
| | | | | | | | | | | 1130 | 25,5 | 590 | 1750 | 400 | 4000 | 2240 | 4616 | 125 | 200 | 1090 | | | | | |
| | | | | | | | | | | | 27,5 | 740 | | | | | | | | 1240 | | | | | |
| | | | | | | | | | | | 28,0 | 990 | | | | | | | | 1340 | | | | | |
| | | | | | | | | | | | 28,5 | 840 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 30,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | 1160 | 32,0 | 840 | 1580 | 400 | 4560 | 2800 | 5326 | 125 | 200 | 1340 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | | |
| 16,0 | 6,6 | 1,6 | 2,6 | 4,1 | 1,6 | 2,6 | 0,2 | 0,4 | 0,7 | DH 525 H 20 6/1 1 Am | 1200 | 6,0 | 0 | 1510 | 250 | 2500 | 1400 | 3216 | 100 | 500 | + 235 | 950 | 950 | 980 | 950 |
| | | | | | | | | | | | | 7,5 | 80 | | | | | | | 580 | | | | | |
| | | | | | | | | | | | | 9,0 | 180 | | | | | | | 680 | | | | | |
| | | | | | | | | | | | | 9,5 | 90 | | | | | | | 590 | | | | | |
| | | | | | | | | | | | | 12,0 | 190 | | | | | | | 690 | | | | | |
| | | | | | | | | | | | | 13,0 | 290 | | | | | | | 790 | | | | | |
| | | | | | | | | | | | | 15,5 | 390 | | | | | | | 890 | | | | | |
| | | | | | | | | | | | | 17,5 | 490 | | | | | | | 990 | | | | | |
| | | | | | | | | | | | | 20,5 | 490 | | | | | | | 990 | | | | | |
| | | | | | | | | | | | | 22,0 | 590 | | | | | | | 1090 | | | | | |
| | | | | | | | | | | | 1300 | 25,0 | 740 | 1580 | 400 | 4000 | 2240 | 4766 | 125 | 200 | 1240 | | | | |
| | | | | | | | | | | | | 28,0 | 840 | | | | | | | | 1340 | | | | |
| | | | | | | | | | | | | 29,5 | 840 | | | | | | | | 1340 | | | | |
| | | | | | | | | | | | | 32,0 | 990 | | | | | | | | 1490 | | | | |
| | | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | |
| | | | | | | | | | | | 1415 | 32,0 | 990 | 1580 | 400 | 4560 | 2800 | 5326 | 125 | 200 | 1490 | | | | |
| | | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | |
| | | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | |
| | | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | |
| | | | | | | | | | | | | 35,0 | 990 | | | | | | | | 1490 | | | | |

Krauswahltable DIN 15018, Hubklasse H 2, Beanspruchungsgruppe B 3

Crane selection table DIN 15018, hoisting class H 2, loading group B 3

| Traglast SWL | Hubwerk Hoist unit | | | | | | | | | Katzgewicht Weight of trolley | Kranbrücke Crane bridge | | | Fahrwerk Travel unit | | | | | | Kette Trolley | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|---------------------------------------|----------------|----------------|---------------------------------------|----------------|----------------|---|---------------------------------|----------------------------------|----------------------------|------------|------|-------------------------|------------------------|------|--------------------------------|-----------------------------|-------|------------------|---------------------------------|----------------|----------------|----------------------------|------|-------|------|-----|------|------|------|-----|-----|-----|---|-----|-----|---|-----|
| | H 4) | Haupthub Main hoist m/min 3) | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist 6) FEM-Gruppe FEM-group | l _{Kr} bis up to | | U | X 7) 5) | d | e _{K1} | L _{KA} 10) | L | Puffertyp Buffer type 1) | b | EZLDH | | | | | | | | | | | | | | | | | | | | |
| | | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | | | | | | | | | | | | y | g 7) | l _{an1} (mm) 8) 11) | | | l _{an2} 8) 11) | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | mm | mm | mm | mm | | | | | | | | | | | |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | kg | m | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | | | | | | | | | | | |
| 16,0 | 8 | 4 | 6,3 | 9 | 4 | 6,3 | 9 | DH 1040 H 16 4/1 2 m | 1200 | 5,5 | 0 | 1650 | 250 | 2500 | 1400 | 3216 | 100 | 175 | 500 | + 180 | 950 | 985 | - | 950 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 7,5 | 80 | | | | | | | | 580 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 9,0 | 180 | | | | | | | | 680 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 11,5 | 190 | | | | | | | | 690 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 13,0 | 290 | | | 2500 | | | | | 790 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 15,0 | 390 | | | | | | | | 890 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 17,5 | 490 | 1750 | 400 | 3150 | 3866 | 200 | 1090 | + 85 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 20,5 | 490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 590 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1350 | 26,5 | 740 | 1850 | 400 | 4000 | 2240 | 4766 | 125 | 1240 | | | | | | - 15 | | | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | 840 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 29,5 | 840 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1500 | 32,0 | 990 | | | 4560 | 2800 | 5326 | 125 | 1490 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 5000 | | 5766 | | | | | | | | | | | | | | | | | | | | | | |
| 20,0 | 6,6 | 1,3 | 2,0 | 3,3 | 2 | 0,3 | 3,3 | DH 532 H 20 6/1 1 Bm | 1310 | 5,0 | - 110 | 1700 | 400 | 2500 | 1400 | 3216 | 100 | 200 | 390 | + 20 | 950 | 950 | 980 | 950 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 6,5 | - 10 | | | | | | | | 490 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 8,5 | 90 | | | | | | | | 590 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 11,0 | 190 | | | | | | | | 690 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 12,0 | 290 | | | 3150 | | 3866 | 200 | 990 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 13,5 | 390 | | | | | | | | 890 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 17,5 | 490 | 1700 | 400 | 4000 | 2240 | 4766 | 125 | 1240 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 18,0 | 490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 21,5 | 590 | | | | | | | | 1090 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1430 | 23,5 | 740 | 1850 | 400 | 4560 | 2800 | 5326 | 125 | 1340 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | 840 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 32,0 | 990 | | | 5000 | | 5766 | 125 | 1490 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 35,0 | 990 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 20,0 | 8 | 3,1 | 5,0 | 8 | 3,1 | 0,5 | 5,0 | DH 1050 H 16 4/1 1 Am | 1620 | | | | | | 5,0 | - 110 | 1850 | 400 | 2500 | 1400 | 3216 | 100 | 200 | 390 | 0 | 950 | 985 | - | 950 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 6,5 | - 10 | | | | | | | | 490 | | | | | |
| 8,5 | 90 | 590 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11,0 | 190 | 690 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12,0 | 290 | 3150 | | 3866 | 200 | 990 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14,0 | 390 | | | | | | 890 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17,5 | 490 | 1850 | 400 | 4000 | 2240 | 4766 | 125 | 1240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18,5 | 490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22,0 | 590 | | | | | | | | 1090 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1810 | 23,5 | 740 | 1950 | 500 | 4560 | 2800 | 5326 | 125 | 1340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28,0 | 840 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32,0 | 990 | | | 5000 | | 5866 | 125 | 1490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,0 | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25,0 | 8 | 2,5 | 4 | 6 | 4 | 0,6 | 5,6 | DH 1063 H 16 4/1 1 Bm | 1620 | | | | | | | | | | | 6,0 | - 10 | 1870 | 400 | 2500 | 1400 | 3216 | 100 | 200 | 490 | 0 | 950 | 985 | - | 950 | | | | | |
| | | | | | | | | | | | | | | | | | | | | 7,5 | 90 | | | | | | | | 590 | | | | | | | | | | |
| | | | | | | | | | | 10,0 | 190 | 690 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 11,5 | 290 | 790 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 13,5 | 390 | 3150 | | 3866 | 200 | 990 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 17,5 | 490 | | | | | | 890 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 18,0 | 490 | 1870 | 400 | 4000 | 2240 | 4766 | 125 | 1250 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 19,5 | 490 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 590 | | | | | | | | 1090 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1810 | 24,0 | 740 | 1970 | 500 | 4560 | 2800 | 5426 | 125 | 1340 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 28,0 | 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 32,0 | 900 | | | 5000 | | 5866 | 125 | 1400 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 35,0 | 900 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Kransauswahltabelle DIN 15 018, Hubklasse H 2, Beanspruchungsgruppe B 3
Crane selection table DIN 15 018, hoisting class H 2, loading group B 3

| Traglast SWL | Hubwerk Hoist unit | | | | | | | | Katzgewicht Weight of trolley | Kranbrücke Crane bridge | | | Fahrwerk Travel unit | | | | | | Katze Trolley | | | | | | | |
|-----------------|-----------------------|---------------------------------|----------------|----------------|---------------------------------------|----------------|----------------|--|----------------------------------|--------------------------------------|---------|---------|-------------------------|-----------------------|-----------------------|---------|------------------------------|---------|------------------|---------|-----------------------|----------------|----------------|-----------------------|------|-----|
| | H m | Haupthub Main hoist m/min | | | Feinhub FG Creep hoist FG m/min | | | E-Zug El. hoist m FEM-Gruppe FEM-group | | l _{Kr} bis up to m | U mm | X mm | d mm | e _{kt} mm | L _{KA} mm | L mm | Puffer typ Buffer type | b mm | EZLDH | | | | | | | |
| | | | | | | | | | | | | | | | | | | | y mm | g mm | l _{an1} (mm) | | | l _{an2} (mm) | | |
| | | | | | | | | | | | | | | | | | | | | | V ₁ | V ₂ | V ₃ | | | |
| t | m | V ₁ | V ₂ | V ₃ | V ₁ | V ₂ | V ₃ | FEM-group | kg | m | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | V ₁ | V ₂ | V ₃ | mm | | |
| 32,0 | 8 | 3,1 | 5 | 6,3 | 3,1 0,5 | 4,5 0,7 | — | DH 2080 H 16 4/1 2 m | 2900 | 4,5 | -10 | 2200 | 400 | 2500 | 3216 | 100 | 200 | 490 | +300 | 1000 | 1100 | — | 1050 | | | |
| | | | | | | | | | | 6,0 | 90 | | | | | | | 590 | | | | | | | | |
| | | | | | | | | | | 7,5 | 190 | | | | | | | 690 | | | | | | | | |
| | | | | | | | | | | 8,0 | 290 | | | | | | | 790 | | | | | | | | |
| | | | | | | | | | | 11,5 | 190 | | | | | | | 690 | | | | | | | | |
| | | | | | | | | | | 12,5 | 290 | 790 | | | | | | | | | | | | | | |
| | | | | | | | | | | 16,0 | 390 | 890 | | | | | | | | | | | | | | |
| | | | | | | | | | | 19,0 | 490 | 990 | | | | | | | | | | | | | | |
| | | | | | | | | | | 21,0 | 640 | 1140 | | | | | | | | | | | | | | |
| | | | | | | | | | | 22,0 | 740 | 1240 | | | | | | | | | | | | | | |
| | | | | | | | | | 3400 | 24,5 | 840 | 2300 | 500 | 3150 | 3966 | 125 | 250 | 1340 | | | | | | | | |
| | | | | | | | | | | 28,0 | 1490 | | | | | | | | | | | | | | | |
| | | | | | | | | | | 32,0 | 900 | | | | | | | 5000 | 2800 | | | | | 5426 | 5916 | 150 |
| | | | | | | | | | | 33,5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40,0 | 8 | 2,5 | 4 | 5 | 2,5 0,4 | 3,6 0,6 | 5*) 0,5 | DH 2100 H 16 4/1 1 Am | 2960 | 5,0 | 0 | 2300 | 500 | 2500 | 1400 | 125 | 250 | 500 | +100 | 1000 | 1100 | — | 1050 | | | |
| | | | | | | | | | | 7,0 | 100 | | | | | | | 600 | | | | | | | | |
| | | | | | | | | | | 8,5 | 200 | | | | | | | 700 | | | | | | | | |
| | | | | | | | | | | 12,5 | 300 | | | | | | | 800 | | | | | | | | |
| | | | | | | | | | | 15,0 | 400 | | | | | | | 900 | | | | | | | | |
| | | | | | | | | | | 17,0 | 500 | 1000 | | | | | | | | | | | | | | |
| | | | | | | | | | | 20,0 | 650 | 3150 | 4016 | | | 250 | 1150 | | | | | | | | | |
| | | | | | | | | | | 22,0 | 750 | | | | | | 1250 | | | | | | | | | |
| | | | | | | | | | | 23,5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 28,0 | 900 | | | | | | 4000 | 2240 | 4916 | | | | | 150 | 1400 | |

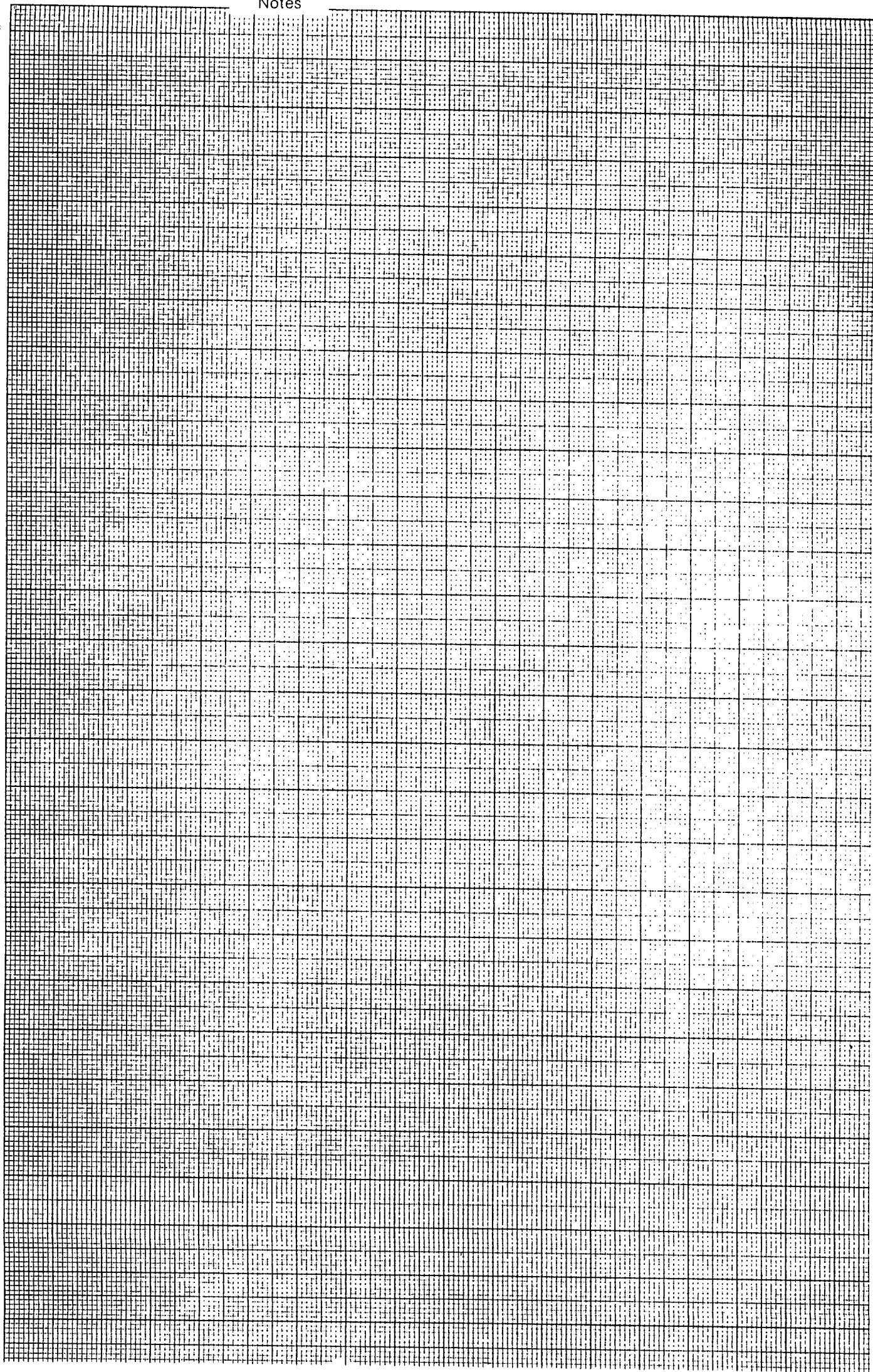
*) nur mit mech. Feinhub möglich
 (only possible with mechanical creep hoist)

- | | |
|--|---|
| 1) Montagemöglichkeit prüfen. | 1) Check for erection clearances. |
| 2) Wenn keine Hauptschleifleitung oberhalb der Kranbrücke. | 2) If there is no current supply line above the crane bridge. |
| 3) V ₁ bzw. N = Normale Hubgeschwindigkeit; V ₂ , V ₃ bzw. L = Höhere Hubgeschwindigkeit. | 3) V ₁ and/or N = normal lifting speed; V ₂ , V ₃ and/or L = higher lifting speed. |
| 4) Größere Hakenwege sind möglich. Vergrößerung von l _{an1} + l _{an2} siehe Tabelle Seite 10. | 4) Increased hook paths are possible. For increase of l _{an1} + l _{an2} see table page 10. |
| 5) Bei ebener Decke kann „x“ um ca. 430 mm kleiner werden. | 5) In the case of a level ceiling, „x“ may be reduced by approx. 430 mm. |
| 6) Technische Daten für andere Hubklassen, Beanspruchungsgruppen und Triebwerkgruppen auf Anfrage. | 6) Technical data for other hoisting classes, loading groups and groups of mechanisms on request. |
| 7) Positive g = Maße = Haken unterhalb der Kran-schiene, negative g = Maße = Haken oberhalb der Kran-schiene. | 7) Positive g = dimensions = hook below the crane rail, negative g = dimensions = hook above the crane rail. |
| 8) Haken zwischen höchster und tiefster Hakenstellung ausgemittelt. | 8) Hook in calculated centre position between top and bottom hook position. |
| 9) Siehe Seite 1. | 9) See page 1. |
| 10) Bei größeren Trommellängen evt. L _{KA} verändern, siehe Seite 10. | 10) For longer drums alter L _{KA} if necessary, see page 10. |
| 11) Bei größeren Hakenwegen Anfahrmaß verändern, siehe Seite 10. | 11) For longer hook paths alter approach dimension, see page 10. |

Anfahrmaße bei größeren Trommellängen

Approach dimensions for increased drum lengths

| Traglast SWL t | H | E-Zug El. hoist | l _{an1} (mm) | | | l _{an2} mm | Bemerkungen Notes |
|----------------------|----|--------------------|-----------------------|----------------|----------------|------------------------|---|
| | | | V ₁ | V ₂ | V ₃ | | |
| 3,2 | 20 | DH 316 H 20 2/1 | 660 | 660 | 700 | 835 | |
| | 20 | DH 516 H 20 2/1 | 710 | 750 | 820 | 850 | |
| 4,0 | 20 | DH 320 H 20 2/1 | 660 | 660 | 700 | 835 | |
| | 20 | DH 520 H 20 2/1 | 710 | 750 | 820 | 850 | |
| 5,0 | 10 | DH 312 H 20 4/1 | 720 | 720 | 760 | 780 | |
| | 20 | DH 525 H 20 2/1 | 710 | 750 | 820 | 850 | |
| 6,3 | 10 | DH 316 H 20 4/1 | 720 | 720 | 760 | 780 | |
| | 20 | DH 532 H 20 2/1 | 710 | 750 | 820 | 850 | |
| 8,0 | 10 | DH 320 H 20 4/1 | 720 | 720 | 760 | 780 | |
| | 10 | DH 520 H 20 4/1 | 750 | 790 | 860 | 820 | |
| | 24 | DH 1040 H 24 2/1 | 930 | 980 | 1060 | 1000 | |
| 10,0 | 10 | DH 525 H 20 4/1 | 750 | 790 | 860 | 820 | |
| | 24 | DH 1050 H 24 2/1 | 930 | 980 | 1060 | 1000 | |
| 12,5 | 10 | DH 532 H 20 4/1 | 800 | 800 | 860 | 850 | |
| | 24 | DH 1063 H 24 2/1 | 930 | 980 | 1060 | 1030 | |
| 16,0 | 12 | DH 1040 H 24 4/1 | 1000 | 1030 | - | 1170 | 1. L _{KA} 1000 nicht möglich 2. Maß „x“ erhöht sich um 100 mm 3. Maß „g“ verringert sich um 100 mm 1. L _{KA} 1000 not possible 2. Dimension "x" is increased by 100 mm 3. Dimension "g" is reduced by 100 mm |
| | 20 | DH 1040 H 40 4/1 | 1000 | 1100 | - | 1300 | 1. L _{KA} 1000 nicht möglich 2. Katzschiene außen, L _{KA} 1400 auf 1770 3. Maß „x“ erhöht sich um 100 mm 4. Maß „g“ verringert sich um 100 mm 1. L _{KA} 1000 not possible 2. Trolley rail outside, L _{KA} 1400 to 1770 3. Dimension "x" is increased by 100 mm 4. Dimension "g" is reduced by 100 mm |
| 20,0 | 12 | DH 1050 H 24 4/1 | 1000 | 1030 | - | 1170 | L _{KA} 1000 nicht möglich L _{KA} 1000 not possible |
| | 20 | DH 1050 H 40 4/1 | 1000 | 1100 | - | 1300 | 1. L _{KA} 1000 nicht möglich 2. Katzschiene außen, L _{KA} 1400 auf 1770 1. L _{KA} 1000 not possible 2. Trolley rail outside, L _{KA} 1400 to 1770 |
| 25,0 | 12 | DH 1063 H 24 4/1 | 1000 | 1030 | - | 1170 | L _{KA} 1000 nicht möglich L _{KA} 1000 not possible |
| | 20 | DH 1063 H 40 4/1 | 1000 | 1100 | - | 1300 | 1. L _{KA} 1000 nicht möglich 2. Katzschiene außen, L _{KA} 1400 auf 1770 1. L _{KA} 1000 not possible 2. Trolley rail outside, L _{KA} 1400 to 1770 |
| 32,0 | 12 | DH 2080 H 24 4/1 | 1150 | 1250 | - | 1200 | L _{KA} 1000 nicht möglich L _{KA} 1000 not possible |
| | 20 | DH 2080 H 42 4/1 | - | - | - | - | Auf Anfrage On request |
| | | | | | | | |
| 40,0 | 12 | DH 2100 H 24 4/1 | 1150 | 1250 | - | 1200 | L _{KA} 1000 nicht möglich L _{KA} 1000 not possible |
| | 20 | DH 2100 H 42 4/1 | - | - | - | - | Auf Anfrage On request |



Radlasten/Wheel loads

| Katztyp Trolley type | | Radlasten in kg bei l _{Kr} . . m/Wheel loads in kg with l _{Kr} . . m | | | | | | | | | | | | | | | | |
|---------------------------|--------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | | 4 m | 5 m | 6 m | 7 m | 8 m | 9 m | 10 m | 11 m | 12 m | 13 m | 14 m | 15 m | 16 m | 17 m | 17,5 m | 18 m | 19 m |
| Traglast/SWL 3,2 t | | | | | | | | | | | | | | | | | | |
| EZLDH 316 H 12 2/1 | R _{max} ¹¹ | 1730 | 1815 | 1880 | 1935 | 1980 | 2025 | 2065 | 2105 | 2200 | 2240 | 2280 | 2395 | 2450 | 2490 | 2510 | 2625 | 2720 |
| | R _{max} ¹² | 1730 | 1815 | 1880 | 1935 | 1980 | 2025 | 2065 | 2105 | 2200 | 2240 | 2280 | 2395 | 2450 | 2490 | 2510 | 2625 | 2720 |
| | R _{min} ²¹ | 480 | 453 | 450 | 455 | 465 | 480 | 495 | 515 | 595 | 625 | 650 | 725 | 775 | 810 | 823 | 934 | 1020 |
| | R _{min} ²² | 480 | 453 | 450 | 455 | 465 | 480 | 495 | 515 | 595 | 625 | 650 | 725 | 775 | 810 | 823 | 934 | 1020 |
| EZLDH 516 H 12 2/1 | R _{max} ¹¹ | 1780 | 1865 | 1930 | 1985 | 2035 | 2080 | 2125 | 2165 | 2260 | 2300 | 2340 | 2460 | 2505 | 2545 | 2605 | 2680 | 2775 |
| | R _{max} ¹² | 1780 | 1865 | 1930 | 1985 | 2035 | 2080 | 2125 | 2165 | 2260 | 2300 | 2340 | 2460 | 2505 | 2545 | 2605 | 2680 | 2775 |
| | R _{min} ²¹ | 495 | 470 | 460 | 465 | 475 | 485 | 505 | 525 | 600 | 630 | 655 | 745 | 780 | 810 | 870 | 940 | 1025 |
| | R _{min} ²² | 495 | 470 | 460 | 465 | 475 | 485 | 505 | 525 | 600 | 630 | 655 | 745 | 780 | 810 | 870 | 940 | 1025 |
| Traglast/SWL 4,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 320 H 12 2/1 | R _{max} ¹¹ | 2075 | 2165 | 2240 | 2300 | 2350 | 2400 | 2445 | 2535 | 2580 | 2655 | 2710 | 2795 | 2835 | 2920 | 2985 | 3060 | 3105 |
| | R _{max} ¹² | 2075 | 2165 | 2240 | 2300 | 2350 | 2400 | 2445 | 2535 | 2580 | 2655 | 2710 | 2795 | 2835 | 2920 | 2985 | 3060 | 3105 |
| | R _{min} ²¹ | 535 | 500 | 490 | 485 | 495 | 505 | 520 | 590 | 615 | 670 | 715 | 755 | 790 | 860 | 925 | 995 | 1035 |
| | R _{min} ²² | 535 | 500 | 490 | 485 | 495 | 505 | 520 | 590 | 615 | 670 | 715 | 755 | 790 | 860 | 925 | 995 | 1035 |
| EZLDH 520 H 12 2/1 | R _{max} ¹¹ | 2120 | 2215 | 2290 | 2355 | 2405 | 2455 | 2500 | 2595 | 2640 | 2710 | 2770 | 2845 | 2890 | 2970 | 3040 | 3115 | 3160 |
| | R _{max} ¹² | 2120 | 2215 | 2290 | 2355 | 2405 | 2455 | 2500 | 2595 | 2640 | 2710 | 2770 | 2845 | 2890 | 2970 | 3040 | 3115 | 3160 |
| | R _{min} ²¹ | 555 | 515 | 500 | 495 | 505 | 515 | 530 | 595 | 620 | 675 | 720 | 760 | 795 | 865 | 930 | 1000 | 1040 |
| | R _{min} ²² | 555 | 515 | 500 | 495 | 505 | 515 | 530 | 595 | 620 | 675 | 720 | 760 | 795 | 865 | 930 | 1000 | 1040 |
| Traglast/SWL 5,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 312 H 12 4/1 | R _{max} ¹¹ | 2525 | 2635 | 2720 | 2790 | 2850 | 2905 | 2995 | 3050 | 3125 | 3180 | 3230 | 3360 | 3445 | 3495 | 3520 | 3595 | 3730 |
| | R _{max} ¹² | 2525 | 2635 | 2720 | 2790 | 2850 | 2905 | 2995 | 3050 | 3125 | 3180 | 3230 | 3360 | 3445 | 3495 | 3520 | 3595 | 3730 |
| | R _{min} ²¹ | 630 | 580 | 550 | 540 | 540 | 550 | 605 | 625 | 675 | 715 | 740 | 820 | 890 | 930 | 945 | 1020 | 1145 |
| | R _{min} ²² | 630 | 580 | 550 | 540 | 540 | 550 | 605 | 625 | 675 | 715 | 740 | 820 | 890 | 930 | 945 | 1020 | 1145 |
| EZLDH 525 H 12 2/1 | R _{max} ¹¹ | 2545 | 2655 | 2740 | 2810 | 2870 | 2925 | 3015 | 3065 | 3140 | 3200 | 3250 | 3360 | 3470 | 3520 | 3540 | 3620 | 3755 |
| | R _{max} ¹² | 2545 | 2655 | 2740 | 2810 | 2870 | 2925 | 3015 | 3065 | 3140 | 3200 | 3250 | 3360 | 3470 | 3520 | 3540 | 3620 | 3755 |
| | R _{min} ²¹ | 630 | 575 | 550 | 540 | 540 | 545 | 605 | 625 | 675 | 710 | 740 | 815 | 890 | 930 | 945 | 1015 | 1145 |
| | R _{min} ²² | 630 | 575 | 550 | 540 | 540 | 545 | 605 | 625 | 675 | 710 | 740 | 815 | 890 | 930 | 945 | 1015 | 1145 |
| Traglast/SWL 6,3 t | | | | | | | | | | | | | | | | | | |
| EZLDH 316 H 12 4/1 | R _{max} ¹¹ | 3075 | 3210 | 3305 | 3385 | 3450 | 3550 | 3610 | 3685 | 3750 | 3800 | 3920 | 4020 | 4070 | 4200 | 4230 | 4350 | 4440 |
| | R _{max} ¹² | 3075 | 3210 | 3305 | 3385 | 3450 | 3550 | 3610 | 3685 | 3750 | 3800 | 3920 | 4020 | 4070 | 4200 | 4230 | 4350 | 4440 |
| | R _{min} ²¹ | 730 | 655 | 615 | 600 | 590 | 635 | 645 | 685 | 720 | 745 | 840 | 885 | 915 | 1030 | 1050 | 1165 | 1240 |
| | R _{min} ²² | 730 | 655 | 615 | 600 | 590 | 635 | 645 | 685 | 720 | 745 | 840 | 885 | 915 | 1030 | 1050 | 1165 | 1240 |
| EZLDH 532 H 12 2/1 | R _{max} ¹¹ | 3105 | 3235 | 3335 | 3410 | 3475 | 3575 | 3635 | 3725 | 3775 | 3825 | 3945 | 4045 | 4095 | 4225 | 4250 | 4370 | 4460 |
| | R _{max} ¹² | 3105 | 3235 | 3335 | 3410 | 3475 | 3575 | 3635 | 3725 | 3775 | 3825 | 3945 | 4045 | 4095 | 4225 | 4250 | 4370 | 4460 |
| | R _{min} ²¹ | 725 | 655 | 615 | 595 | 590 | 630 | 645 | 685 | 720 | 740 | 840 | 880 | 915 | 1030 | 1050 | 1165 | 1240 |
| | R _{min} ²² | 725 | 655 | 615 | 595 | 590 | 630 | 645 | 685 | 720 | 740 | 840 | 880 | 915 | 1030 | 1050 | 1165 | 1240 |
| Traglast/SWL 8,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 320 H 12 4/1 | R _{max} ¹¹ | 3795 | 3955 | 4070 | 4160 | 4275 | 4345 | 4430 | 4500 | 4585 | 4675 | 4735 | 4870 | 5000 | 5090 | 5120 | 5245 | 5340 |
| | R _{max} ¹² | 3795 | 3955 | 4070 | 4160 | 4275 | 4345 | 4430 | 4500 | 4585 | 4675 | 4735 | 4870 | 5000 | 5090 | 5120 | 5245 | 5340 |
| | R _{min} ²¹ | 860 | 760 | 705 | 670 | 690 | 690 | 720 | 745 | 790 | 845 | 875 | 950 | 1060 | 1130 | 1150 | 1270 | 1345 |
| | R _{min} ²² | 860 | 760 | 705 | 670 | 690 | 690 | 720 | 745 | 790 | 845 | 875 | 950 | 1060 | 1130 | 1150 | 1270 | 1345 |
| EZLDH 520 H 12 4/1 | R _{max} ¹¹ | 3845 | 4005 | 4120 | 4215 | 4325 | 4400 | 4485 | 4555 | 4640 | 4730 | 4790 | 4925 | 5055 | 5150 | 5175 | 5300 | 5400 |
| | R _{max} ¹² | 3845 | 4005 | 4120 | 4215 | 4325 | 4400 | 4485 | 4555 | 4640 | 4730 | 4790 | 4925 | 5055 | 5150 | 5175 | 5300 | 5400 |
| | R _{min} ²¹ | 865 | 765 | 705 | 675 | 695 | 695 | 720 | 745 | 790 | 850 | 875 | 955 | 1060 | 1135 | 1155 | 1270 | 1345 |
| | R _{min} ²² | 865 | 765 | 705 | 675 | 695 | 695 | 720 | 745 | 790 | 850 | 875 | 955 | 1060 | 1135 | 1155 | 1270 | 1345 |
| EZLDH 1040 H 16 2/1 | R _{max} ¹¹ | 3915 | 4090 | 4220 | 4320 | 4420 | 4515 | 4605 | 4680 | 4770 | 4860 | 4920 | 5035 | 5170 | 5260 | 5290 | 5415 | 5510 |
| | R _{max} ¹² | 3915 | 4090 | 4220 | 4320 | 4420 | 4515 | 4605 | 4680 | 4770 | 4860 | 4920 | 5035 | 5170 | 5260 | 5290 | 5415 | 5510 |
| | R _{min} ²¹ | 955 | 835 | 765 | 725 | 720 | 735 | 760 | 780 | 820 | 875 | 1005 | 975 | 1085 | 1155 | 1175 | 1290 | 1365 |
| | R _{min} ²² | 955 | 835 | 765 | 725 | 720 | 735 | 760 | 780 | 820 | 875 | 1005 | 975 | 1085 | 1155 | 1175 | 1290 | 1365 |
| | | 4 m | 5 m | 6 m | 7 m | 8 m | 9 m | 10 m | 11 m | 12 m | 13 m | 14 m | 15 m | 16 m | 17 m | 17,5 m | 18 m | 19 m |

Radlasten/Wheel loads

| Radlasten in kg bei l_{Kr} . . m / Wheel loads in kg with l_{Kr} . . m | | | | | | | | | | | | | | | | | Katztyp Trolley type | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|-------------------------|---------------------------|
| 20 m | 21 m | 22 m | 23 m | 24 m | 25 m | 26 m | 27 m | 28 m | 29 m | 30 m | 31 m | 32 m | 33 m | 33,5 m | 34 m | 35 m | | |
| Traglast/SWL 3,2 t | | | | | | | | | | | | | | | | | | |
| 2765 | 2860 | 3400 | 3465 | 3530 | 3595 | 3760 | 3840 | 4015 | 4145 | 4335 | 4420 | 4625 | 4960 | - | 5135 | 5240 | R_{max}^{11} | EZLDH 316 H 12 2/1 |
| 2765 | 2860 | 3400 | 3465 | 3530 | 3595 | 3760 | 3840 | 4015 | 4145 | 4335 | 4420 | 4625 | 4960 | - | 5135 | 5240 | R_{max}^{12} | |
| 1060 | 1150 | 1650 | 1710 | 1775 | 1830 | 1995 | 2070 | 2245 | 2355 | 2540 | 2625 | 2825 | 3080 | - | 3335 | 3435 | R_{min}^{21} | |
| 1060 | 1150 | 1650 | 1710 | 1775 | 1830 | 1995 | 2070 | 2245 | 2355 | 2540 | 2625 | 2825 | 3080 | - | 3335 | 3435 | R_{min}^{22} | |
| 2820 | 2915 | 3500 | 3550 | 3585 | 3645 | 3825 | 3895 | 4070 | 4185 | 4380 | 4465 | 4670 | 4965 | - | 5180 | 5280 | R_{max}^{11} | EZLDH 516 H 12 2/1 |
| 2820 | 2915 | 3500 | 3550 | 3585 | 3645 | 3825 | 3895 | 4070 | 4185 | 4380 | 4465 | 4670 | 4965 | - | 5180 | 5280 | R_{max}^{12} | |
| 1065 | 1155 | 1700 | 1750 | 1775 | 1835 | 2010 | 2075 | 2245 | 2340 | 2530 | 2615 | 2815 | 3110 | - | 3220 | 3425 | R_{min}^{21} | |
| 1065 | 1155 | 1700 | 1750 | 1775 | 1835 | 2010 | 2075 | 2245 | 2340 | 2530 | 2615 | 2815 | 3110 | - | 3220 | 3425 | R_{min}^{22} | |
| Traglast/SWL 4,0 t | | | | | | | | | | | | | | | | | | |
| 3200 | 3350 | 3790 | 3855 | 3920 | 4080 | 4165 | 4340 | 4420 | 4635 | 4730 | 4920 | 5130 | 5315 | - | 5230 | 5630 | R_{max}^{11} | EZLDH 320 H 12 2/1 |
| 3200 | 3350 | 3790 | 3855 | 3920 | 4080 | 4165 | 4340 | 4420 | 4635 | 4730 | 4920 | 5130 | 5315 | - | 5230 | 5630 | R_{max}^{12} | |
| 1120 | 1260 | 1660 | 1720 | 1785 | 1940 | 2015 | 2185 | 2265 | 2460 | 2550 | 2740 | 2945 | 3125 | - | 3340 | 3440 | R_{min}^{21} | |
| 1120 | 1260 | 1660 | 1720 | 1785 | 1940 | 2015 | 2185 | 2265 | 2460 | 2550 | 2740 | 2945 | 3125 | - | 3340 | 3440 | R_{min}^{22} | |
| 3255 | 3400 | 3845 | 3910 | 3975 | 4150 | 4215 | 4390 | 4470 | 4690 | 4785 | 4980 | 5185 | 5355 | - | 5570 | 5675 | R_{max}^{11} | EZLDH 520 H 12 2/1 |
| 3255 | 3400 | 3845 | 3910 | 3975 | 4150 | 4215 | 4390 | 4470 | 4690 | 4785 | 4980 | 5185 | 5355 | - | 5570 | 5675 | R_{max}^{12} | |
| 1125 | 1265 | 1665 | 1725 | 1785 | 1950 | 2020 | 2190 | 2265 | 2465 | 2550 | 2745 | 2950 | 3115 | - | 3330 | 3430 | R_{min}^{21} | |
| 1125 | 1265 | 1665 | 1725 | 1785 | 1950 | 2020 | 2190 | 2265 | 2465 | 2550 | 2745 | 2950 | 3115 | - | 3330 | 3430 | R_{min}^{22} | |
| Traglast/SWL 5,0 t | | | | | | | | | | | | | | | | | | |
| 3830 | 3920 | 4310 | 4380 | 4540 | 4615 | 4785 | 4875 | 5050 | 5195 | 5390 | 5590 | 5745 | 5980 | - | 6075 | 6305 | R_{max}^{11} | EZLDH 312 H 12 4/1 |
| 3830 | 3920 | 4310 | 4380 | 4540 | 4615 | 4785 | 4875 | 5050 | 5195 | 5390 | 5590 | 5745 | 5980 | - | 6075 | 6305 | R_{max}^{12} | |
| 1235 | 1315 | 1680 | 1740 | 1890 | 1965 | 2130 | 2210 | 2385 | 2490 | 2680 | 2875 | 3030 | 3255 | - | 3350 | 3575 | R_{min}^{21} | |
| 1235 | 1315 | 1680 | 1740 | 1890 | 1965 | 2130 | 2210 | 2385 | 2490 | 2680 | 2875 | 3030 | 3255 | - | 3350 | 3575 | R_{min}^{22} | |
| 3850 | 3945 | 4330 | 4395 | 4555 | 4635 | 4805 | 4890 | 5070 | 5195 | 5415 | 5615 | 5770 | 6000 | - | 6100 | 6325 | R_{max}^{11} | EZLDH 525 H 12 2/1 |
| 3850 | 3945 | 4330 | 4395 | 4555 | 4635 | 4805 | 4890 | 5070 | 5195 | 5415 | 5615 | 5770 | 6000 | - | 6100 | 6325 | R_{max}^{12} | |
| 1235 | 1315 | 1680 | 1740 | 1890 | 1965 | 2130 | 2210 | 2385 | 2485 | 2680 | 2875 | 3030 | 3255 | - | 3350 | 3575 | R_{min}^{21} | |
| 1235 | 1315 | 1680 | 1740 | 1890 | 1965 | 2130 | 2210 | 2385 | 2485 | 2680 | 2875 | 3030 | 3255 | - | 3350 | 3575 | R_{min}^{22} | |
| Traglast/SWL 6,3 t | | | | | | | | | | | | | | | | | | |
| 4545 | 4640 | 5030 | 5110 | 5180 | 5345 | 5435 | 5615 | 5700 | 5945 | 6210 | 6295 | 6510 | 6625 | - | 6980 | 7080 | R_{max}^{11} | EZLDH 316 H 12 4/1 |
| 4545 | 4640 | 5030 | 5110 | 5180 | 5345 | 5435 | 5615 | 5700 | 5945 | 6210 | 6295 | 6510 | 6625 | - | 6980 | 7080 | R_{max}^{12} | |
| 1335 | 1420 | 1780 | 1855 | 1920 | 2075 | 2155 | 2330 | 2415 | 2615 | 2875 | 2955 | 3165 | 3275 | - | 3625 | 3725 | R_{min}^{21} | |
| 1335 | 1420 | 1780 | 1855 | 1920 | 2075 | 2155 | 2330 | 2415 | 2615 | 2875 | 2955 | 3165 | 3275 | - | 3625 | 3725 | R_{min}^{22} | |
| 4565 | 4660 | 5070 | 5145 | 5215 | 5380 | 5465 | 5645 | 5735 | 5970 | 6235 | 6320 | 6350 | 6650 | - | 7000 | 7100 | R_{max}^{11} | EZLDH 532 H 12 2/1 |
| 4565 | 4660 | 5070 | 5145 | 5215 | 5380 | 5465 | 5645 | 5735 | 5970 | 6235 | 6320 | 6350 | 6650 | - | 7000 | 7100 | R_{max}^{12} | |
| 1335 | 1420 | 1780 | 1855 | 1920 | 2075 | 2155 | 2330 | 2415 | 2615 | 2875 | 2955 | 3165 | 3275 | - | 3625 | 3720 | R_{min}^{21} | |
| 1335 | 1420 | 1780 | 1855 | 1920 | 2075 | 2155 | 2330 | 2415 | 2615 | 2875 | 2955 | 3165 | 3275 | - | 3625 | 3720 | R_{min}^{22} | |
| Traglast/SWL 8,0 t | | | | | | | | | | | | | | | | | | |
| 5400 | 5510 | 5865 | 5940 | 6115 | 6185 | 6375 | 6455 | 6750 | 6955 | 7160 | 7260 | 7480 | 7750 | - | 7840 | 8080 | R_{max}^{11} | EZLDH 320 H 12 4/1 |
| 5400 | 5510 | 5865 | 5940 | 6115 | 6185 | 6375 | 6455 | 6750 | 6955 | 7160 | 7260 | 7480 | 7750 | - | 7840 | 8080 | R_{max}^{12} | |
| 1395 | 1495 | 1815 | 1880 | 2045 | 2110 | 2290 | 2365 | 2650 | 2810 | 3010 | 3100 | 3315 | 3560 | - | 3670 | 3905 | R_{min}^{21} | |
| 1395 | 1495 | 1815 | 1880 | 2045 | 2110 | 2290 | 2365 | 2650 | 2810 | 3010 | 3100 | 3315 | 3560 | - | 3670 | 3905 | R_{min}^{22} | |
| 5455 | 5630 | 5920 | 5995 | 6170 | 6340 | 6435 | 6620 | 6805 | 7010 | 7220 | 7315 | 7535 | 7810 | - | 7900 | 8140 | R_{max}^{11} | EZLDH 520 H 12 4/1 |
| 5455 | 5630 | 5920 | 5995 | 6170 | 6340 | 6435 | 6620 | 6805 | 7010 | 7220 | 7315 | 7535 | 7810 | - | 7900 | 8140 | R_{max}^{12} | |
| 1395 | 1555 | 1815 | 1880 | 2045 | 2205 | 2290 | 2470 | 2650 | 2810 | 3010 | 3105 | 3315 | 3585 | - | 3670 | 3905 | R_{min}^{21} | |
| 1395 | 1555 | 1815 | 1880 | 2045 | 2205 | 2290 | 2470 | 2650 | 2810 | 3010 | 3105 | 3315 | 3585 | - | 3670 | 3905 | R_{min}^{22} | |
| 5635 | 5745 | 6070 | 6230 | 6320 | 6490 | 6585 | 6770 | 6960 | 7140 | 7345 | 7445 | 7665 | 7935 | - | 8030 | 8270 | R_{max}^{11} | EZLDH 1040 H 16 2/1 |
| 5635 | 5745 | 6070 | 6230 | 6320 | 6490 | 6585 | 6770 | 6960 | 7140 | 7345 | 7445 | 7665 | 7935 | - | 8030 | 8270 | R_{max}^{12} | |
| 1475 | 1575 | 1835 | 1985 | 2060 | 2220 | 2305 | 2485 | 2665 | 2820 | 3025 | 3115 | 3330 | 3595 | - | 3685 | 3915 | R_{min}^{21} | |
| 1475 | 1575 | 1835 | 1985 | 2060 | 2220 | 2305 | 2485 | 2665 | 2820 | 3025 | 3115 | 3330 | 3595 | - | 3685 | 3915 | R_{min}^{22} | |
| 20 m | 21 m | 22 m | 23 m | 24 m | 25 m | 26 m | 27 m | 28 m | 29 m | 30 m | 31 m | 32 m | 33 m | 33,5 m | 34 m | 35 m | | |

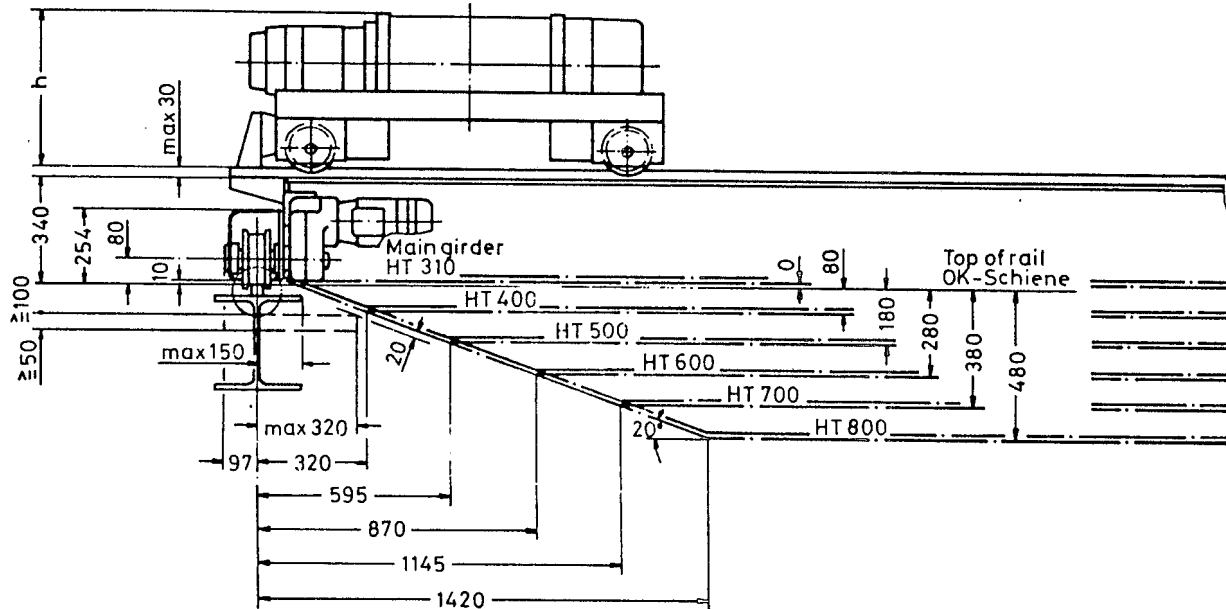
Radlasten/Wheel loads

| Katztyp Trolley type | | Radlasten in kg bei l _{Kr} . . m/Wheel loads in kg with l _{Kr} . . m | | | | | | | | | | | | | | | | |
|---------------------------|--------------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | | 4 m | 5 m | 6 m | 7 m | 8 m | 9 m | 10 m | 11 m | 12 m | 13 m | 14 m | 15 m | 16 m | 17 m | 17,5 m | 18 m | 19 m |
| Traglast/SWL 10,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 525 H 12 4/1 | R _{max} ¹¹ | 4695 | 4885 | 5020 | 5145 | 5250 | 5350 | 5435 | 5525 | 5620 | 5715 | 5880 | 6055 | 6160 | 6255 | 6285 | 6360 | 6465 |
| | R _{max} ¹² | 4695 | 4885 | 5020 | 5145 | 5250 | 5350 | 5435 | 5525 | 5620 | 5715 | 5880 | 6055 | 6160 | 6255 | 6285 | 6360 | 6465 |
| | R _{min} ²¹ | 1015 | 885 | 810 | 775 | 770 | 780 | 790 | 825 | 875 | 925 | 1055 | 1165 | 1240 | 1310 | 1335 | 1395 | 1485 |
| | R _{min} ²² | 1015 | 885 | 810 | 775 | 770 | 780 | 790 | 825 | 875 | 925 | 1055 | 1165 | 1240 | 1310 | 1335 | 1395 | 1485 |
| EZLDH 1050 H 16 2/1 | R _{max} ¹¹ | 4750 | 4960 | 5110 | 5245 | 5360 | 5465 | 5550 | 5645 | 5745 | 5910 | 6010 | 6170 | 6270 | 6370 | 6400 | 6475 | 6585 |
| | R _{max} ¹² | 4750 | 4960 | 5110 | 5245 | 5360 | 5465 | 5550 | 5645 | 5745 | 5910 | 6010 | 6170 | 6270 | 6370 | 6400 | 6475 | 6585 |
| | R _{min} ²¹ | 1115 | 965 | 875 | 835 | 820 | 825 | 835 | 865 | 905 | 1025 | 1085 | 1195 | 1265 | 1335 | 1355 | 1420 | 1505 |
| | R _{min} ²² | 1115 | 965 | 875 | 835 | 820 | 825 | 835 | 865 | 905 | 1025 | 1085 | 1195 | 1265 | 1335 | 1355 | 1420 | 1505 |
| Traglast/SWL 12,5 t | | | | | | | | | | | | | | | | | | |
| EZLDH 532 H 12 4/1 | R _{max} ¹¹ | 5870 | 6100 | 6275 | 6420 | 6540 | 6645 | 6750 | 6855 | 6955 | 7085 | 7180 | 7365 | 7435 | 7545 | 7610 | 7820 | 7965 |
| | R _{max} ¹² | 5870 | 6100 | 6275 | 6420 | 6540 | 6645 | 6750 | 6855 | 6955 | 7085 | 7180 | 7365 | 7435 | 7545 | 7610 | 7820 | 7965 |
| | R _{min} ²¹ | 1280 | 1110 | 1025 | 975 | 960 | 950 | 965 | 995 | 1035 | 1115 | 1170 | 1280 | 1315 | 1395 | 1450 | 1640 | 1770 |
| | R _{min} ²² | 1280 | 1110 | 1025 | 975 | 960 | 950 | 965 | 995 | 1035 | 1115 | 1170 | 1280 | 1315 | 1395 | 1450 | 1640 | 1770 |
| EZLDH 1063 H 16 2/1 | R _{max} ¹¹ | 5915 | 6170 | 6365 | 6515 | 6650 | 6760 | 6870 | 6975 | 7080 | 7215 | 7315 | 7530 | 7600 | 7660 | 7725 | 7930 | 8080 |
| | R _{max} ¹² | 5915 | 6170 | 6365 | 6515 | 6650 | 6760 | 6870 | 6975 | 7080 | 7215 | 7315 | 7530 | 7600 | 7660 | 7725 | 7930 | 8080 |
| | R _{min} ²¹ | 1405 | 1210 | 1105 | 1045 | 1020 | 1000 | 1010 | 1040 | 1075 | 1150 | 1205 | 1250 | 1290 | 1425 | 1475 | 1670 | 1790 |
| | R _{min} ²² | 1405 | 1210 | 1105 | 1045 | 1020 | 1000 | 1010 | 1040 | 1075 | 1150 | 1205 | 1250 | 1290 | 1425 | 1475 | 1670 | 1790 |
| Traglast/SWL 16,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 525 H 20 6/1 | R _{max} ¹¹ | 7115 | 7540 | 7845 | 8100 | 8290 | 8460 | 8775 | 8915 | 9080 | 9235 | 9360 | 9490 | 9610 | 9700 | 9785 | 10035 | 10125 |
| | R _{max} ¹² | 6850 | 7260 | 7555 | 7805 | 7985 | 8150 | 8465 | 8605 | 8765 | 8920 | 9040 | 9170 | 9290 | 9380 | 9460 | 9775 | 9870 |
| | R _{min} ²¹ | 2275 | 1915 | 1695 | 1575 | 1485 | 1435 | 1575 | 1575 | 1620 | 1675 | 1710 | 1770 | 1820 | 1855 | 1915 | 2170 | 2215 |
| | R _{min} ²² | 2200 | 1855 | 1650 | 1535 | 1445 | 1405 | 1550 | 1550 | 1595 | 1650 | 1690 | 1750 | 1805 | 1840 | 1895 | 2155 | 2205 |
| EZLDH 1040 H 16 4/1 | R _{max} ¹¹ | 7265 | 7635 | 7900 | 8105 | 8265 | 8415 | 8715 | 8865 | 9010 | 9135 | 9250 | 9370 | 9480 | 9605 | 9685 | 9925 | 10050 |
| | R _{max} ¹² | 7265 | 7635 | 7900 | 8105 | 8265 | 8415 | 8715 | 8865 | 9010 | 9135 | 9250 | 9370 | 9480 | 9605 | 9685 | 9925 | 10050 |
| | R _{min} ²¹ | 1935 | 1645 | 1475 | 1370 | 1300 | 1265 | 1420 | 1455 | 1500 | 1540 | 1580 | 1640 | 1700 | 1775 | 1835 | 2050 | 2135 |
| | R _{min} ²² | 1935 | 1645 | 1475 | 1370 | 1300 | 1265 | 1420 | 1455 | 1500 | 1540 | 1580 | 1640 | 1700 | 1775 | 1835 | 2050 | 2135 |
| Traglast/SWL 20,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 532 H 20 6/1 | R _{max} ¹¹ | 8935 | 9455 | 9840 | 10120 | 10350 | 10550 | 10725 | 10915 | 11090 | 11225 | 11395 | 11505 | 11680 | 11825 | 11915 | 12135 | 12250 |
| | R _{max} ¹² | 8580 | 9080 | 9455 | 9720 | 9945 | 10140 | 10315 | 10495 | 10670 | 10805 | 10970 | 11080 | 11250 | 11395 | 11485 | 11795 | 11905 |
| | R _{min} ²¹ | 2905 | 2455 | 2195 | 2010 | 1895 | 1825 | 1785 | 1795 | 1825 | 1840 | 1900 | 1915 | 2010 | 2085 | 2140 | 2375 | 2430 |
| | R _{min} ²² | 2805 | 2375 | 2130 | 1950 | 1845 | 1780 | 1745 | 1760 | 1790 | 1810 | 1870 | 1890 | 1985 | 2060 | 2120 | 2360 | 2415 |
| EZLDH 1050 H 16 4/1 | R _{max} ¹¹ | 9230 | 9670 | 10000 | 10240 | 10445 | 10625 | 10780 | 10955 | 11165 | 11295 | 11435 | 11560 | 11690 | 11865 | 11915 | 12215 | 12325 |
| | R _{max} ¹² | 9270 | 9715 | 10050 | 10290 | 10500 | 10675 | 10835 | 11010 | 11105 | 11235 | 11370 | 11495 | 11630 | 11805 | 11850 | 12165 | 12275 |
| | R _{min} ²¹ | 2510 | 2140 | 1930 | 1780 | 1695 | 1650 | 1625 | 1650 | 1705 | 1730 | 1775 | 1820 | 1885 | 2000 | 2020 | 2300 | 2360 |
| | R _{min} ²² | 2530 | 2155 | 1945 | 1795 | 1705 | 1660 | 1635 | 1660 | 1705 | 1730 | 1775 | 1820 | 1885 | 2000 | 2020 | 2300 | 2360 |
| Traglast/SWL 25,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 1063 H 16 4/1 | R _{max} ¹¹ | 11335 | 11890 | 12290 | 12610 | 12875 | 13095 | 13270 | 13465 | 13630 | 13780 | 13920 | 14075 | 14230 | 14385 | 14500 | 14755 | 14965 |
| | R _{max} ¹² | 11275 | 11830 | 12230 | 12550 | 12815 | 13035 | 13205 | 13405 | 13570 | 13730 | 13860 | 14015 | 14165 | 14320 | 14435 | 14705 | 15015 |
| | R _{min} ²¹ | 3075 | 2615 | 2335 | 2175 | 2075 | 2015 | 1960 | 1975 | 1980 | 2015 | 2070 | 2125 | 2190 | 2270 | 2350 | 2550 | 2750 |
| | R _{min} ²² | 3070 | 2610 | 2335 | 2170 | 2070 | 2010 | 1960 | 1970 | 1980 | 2010 | 2070 | 2125 | 2190 | 2270 | 2350 | 2545 | 2750 |
| Traglast/SWL 32,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 2080 H 16 4/1 | R _{max} ¹¹ | 14120 | 14940 | 15518 | 15964 | 16323 | 16618 | 16959 | 17196 | 17432 | 17648 | 17841 | 18057 | 18276 | 18568 | - | 18782 | 19001 |
| | R _{max} ¹² | 14120 | 14940 | 15518 | 15964 | 16323 | 16618 | 16959 | 17196 | 17432 | 17648 | 17841 | 18057 | 18276 | 18568 | - | 18782 | 19001 |
| | R _{min} ²¹ | 4410 | 3675 | 3223 | 2932 | 2740 | 2605 | 2602 | 2558 | 2559 | 2577 | 2601 | 2669 | 2760 | 2937 | - | 3051 | 3179 |
| | R _{min} ²² | 4410 | 3675 | 3223 | 2932 | 2740 | 2605 | 2602 | 2558 | 2559 | 2577 | 2601 | 2669 | 2760 | 2937 | - | 3051 | 3179 |
| Traglast/SWL 40,0 t | | | | | | | | | | | | | | | | | | |
| EZLDH 2100 H 16 4/1 | R _{max} ¹¹ | 17125 | 18173 | 18917 | 19464 | 19936 | 20299 | 20612 | 20891 | 21185 | 21419 | 21692 | 21997 | 22333 | 22577 | 22623 | 22746 | 22980 |
| | R _{max} ¹² | 17125 | 18173 | 18917 | 19464 | 19936 | 20299 | 20612 | 20891 | 21185 | 21419 | 21692 | 21997 | 22333 | 22577 | 22623 | 22746 | 22980 |
| | R _{min} ²¹ | 5615 | 4669 | 4083 | 3681 | 3441 | 3250 | 3120 | 3036 | 3028 | 3006 | 3060 | 3175 | 3346 | 3443 | 3421 | 3712 | 3599 |
| | R _{min} ²² | 5615 | 4669 | 4083 | 3681 | 3441 | 3250 | 3120 | 3036 | 3028 | 3006 | 3060 | 3175 | 3346 | 3443 | 3421 | 3712 | 3599 |
| | | 4 m | 5 m | 6 m | 7 m | 8 m | 9 m | 10 m | 11 m | 12 m | 13 m | 14 m | 15 m | 16 m | 17 m | 17,5 m | 18 m | 19 m |

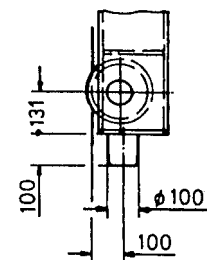
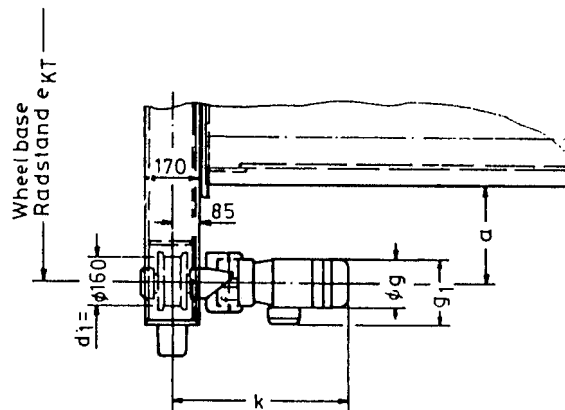
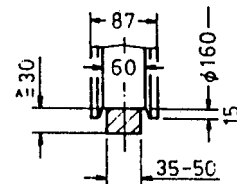
Radlasten/Wheel loads

| Radlasten in kg bei l _{Kr} . . m / Wheel loads in kg with l _{Kr} . . m | | | | | | | | | | | | | | | | | Katztyp Trolley type | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|----------------------------------|---------------------------|
| 20 m | 21 m | 22 m | 23 m | 24 m | 25 m | 26 m | 27 m | 28 m | 29 m | 30 m | 31 m | 32 m | 33 m | 33,5 m | 34 m | 35 m | | |
| Traglast/SWL 10,0 t | | | | | | | | | | | | | | | | | | |
| 6570 | 6635 | 6990 | 7070 | 7240 | 7330 | 7510 | 7700 | 7845 | 8105 | 8210 | 8420 | 9010 | 9265 | - | 9420 | 9805 | R _{max} . ¹¹ | EZLDH 525 H 12 4/1 |
| 6570 | 6635 | 6990 | 7070 | 7240 | 7330 | 7510 | 7700 | 7845 | 8105 | 8210 | 8420 | 9010 | 9265 | - | 9420 | 9805 | R _{max} . ¹² | |
| 1570 | 1620 | 1935 | 2005 | 2165 | 2240 | 2415 | 2595 | 2735 | 2945 | 3040 | 3245 | 3825 | 4080 | - | 4225 | 4605 | R _{min} . ²¹ | |
| 1570 | 1620 | 1935 | 2005 | 2165 | 2240 | 2415 | 2595 | 2735 | 2945 | 3040 | 3245 | 3825 | 4080 | - | 4225 | 4605 | R _{min} . ²² | |
| 6685 | 6755 | 7140 | 7220 | 7390 | 7480 | 7665 | 7915 | 8000 | 8235 | 8340 | 8550 | 9140 | 9320 | - | 9550 | 9940 | R _{max} . ¹¹ | EZLDH 1050 H 16 2/1 |
| 6685 | 6755 | 7140 | 7220 | 7390 | 7480 | 7665 | 7915 | 8000 | 8235 | 8340 | 8550 | 9140 | 9320 | - | 9550 | 9940 | R _{max} . ¹² | |
| 1590 | 1640 | 1955 | 2020 | 2180 | 2260 | 2430 | 2670 | 2750 | 2955 | 3055 | 3255 | 3840 | 4015 | - | 4290 | 4620 | R _{min} . ²¹ | |
| 1590 | 1640 | 1955 | 2020 | 2180 | 2260 | 2430 | 2670 | 2750 | 2955 | 3055 | 3255 | 3840 | 4015 | - | 4290 | 4620 | R _{min} . ²² | |
| Traglast/SWL 12,5 t | | | | | | | | | | | | | | | | | | |
| 8060 | 8140 | 8300 | 8435 | 8715 | 8940 | 9135 | 9230 | 9535 | 9845 | 10105 | 10220 | 10455 | 10720 | - | 11095 | 11355 | R _{max} . ¹¹ | EZLDH 532 H 12 4/1 |
| 8060 | 8140 | 8300 | 8435 | 8715 | 8940 | 9135 | 9230 | 9535 | 9845 | 10105 | 10220 | 10455 | 10720 | - | 11095 | 11355 | R _{max} . ¹² | |
| 1840 | 1900 | 2045 | 2140 | 2405 | 2615 | 2800 | 2880 | 3175 | 3490 | 3690 | 3795 | 4025 | 4280 | - | 4645 | 4900 | R _{min} . ²¹ | |
| 1840 | 1900 | 2045 | 2140 | 2405 | 2615 | 2800 | 2880 | 3175 | 3490 | 3690 | 3795 | 4025 | 4280 | - | 4645 | 4900 | R _{min} . ²² | |
| 8175 | 8255 | 8690 | 8780 | 8910 | 9090 | 9285 | 9430 | 9740 | 10010 | 10230 | 10350 | 10585 | 10850 | - | 11225 | 11555 | R _{max} . ¹¹ | EZLDH 1063 H 16 2/1 |
| 8175 | 8255 | 8690 | 8780 | 8910 | 9090 | 9285 | 9430 | 9740 | 10010 | 10230 | 10350 | 10585 | 10850 | - | 11225 | 11555 | R _{max} . ¹² | |
| 1860 | 1925 | 2285 | 2355 | 2470 | 2635 | 2820 | 2950 | 3245 | 3490 | 3705 | 3885 | 4040 | 4295 | - | 4660 | 4985 | R _{min} . ²¹ | |
| 1860 | 1925 | 2285 | 2355 | 2470 | 2635 | 2820 | 2950 | 3245 | 3490 | 3705 | 3885 | 4040 | 4295 | - | 4660 | 4985 | R _{min} . ²² | |
| Traglast/SWL 16,0 t | | | | | | | | | | | | | | | | | | |
| 10340 | 10405 | 10465 | 10565 | 10755 | 11090 | 11220 | 11455 | 11560 | 12030 | 12170 | 12400 | 12710 | 13055 | - | 13445 | 13930 | R _{max} . ¹¹ | EZLDH 525 H 20 6/1 |
| 10080 | 10150 | 10545 | 10645 | 10835 | 11170 | 11300 | 11535 | 11640 | 12075 | 12215 | 12445 | 12755 | 13100 | - | 13490 | 13970 | R _{max} . ¹² | |
| 2390 | 2420 | 2560 | 2630 | 2790 | 3100 | 3210 | 3420 | 3505 | 3885 | 4005 | 4220 | 4515 | 4845 | - | 5220 | 5690 | R _{min} . ²¹ | |
| 2375 | 2410 | 2565 | 2630 | 2795 | 3105 | 3210 | 3420 | 3505 | 3885 | 4005 | 4220 | 4535 | 4845 | - | 5220 | 5690 | R _{min} . ²² | |
| 10220 | 10320 | 10585 | 10680 | 10870 | 11205 | 11335 | 11565 | 11670 | 12135 | 12275 | 12505 | 12815 | 13155 | - | 13545 | 14025 | R _{max} . ¹¹ | EZLDH 1040 H 16 4/1 |
| 10220 | 10320 | 10585 | 10680 | 10870 | 11205 | 11335 | 11565 | 11670 | 12135 | 12275 | 12505 | 12815 | 13155 | - | 13545 | 14025 | R _{max} . ¹² | |
| 2270 | 2345 | 2510 | 2580 | 2745 | 3055 | 3165 | 3380 | 3465 | 3845 | 3965 | 4185 | 4480 | 4810 | - | 5185 | 5655 | R _{min} . ²¹ | |
| 2270 | 2345 | 2510 | 2580 | 2745 | 3055 | 3165 | 3380 | 3465 | 3845 | 3965 | 4185 | 4480 | 4810 | - | 5185 | 5655 | R _{min} . ²² | |
| Traglast/SWL 20,0 t | | | | | | | | | | | | | | | | | | |
| 12435 | 12625 | 12670 | 12835 | 12970 | 13175 | 13305 | 13630 | 13910 | 14120 | 14365 | 14785 | 15110 | 15600 | - | 16075 | 16570 | R _{max} . ¹¹ | EZLDH 532 H 20 6/1 |
| 12090 | 12280 | 12765 | 12920 | 13055 | 13260 | 13390 | 13715 | 14000 | 14200 | 14440 | 14860 | 15185 | 15670 | - | 16145 | 16645 | R _{max} . ¹² | |
| 2565 | 2710 | 2865 | 2985 | 3085 | 3255 | 3360 | 3660 | 3910 | 4035 | 4255 | 4655 | 4965 | 5430 | - | 5890 | 6375 | R _{min} . ²¹ | |
| 2550 | 2695 | 2870 | 2990 | 3090 | 3260 | 3365 | 3660 | 3915 | 4040 | 4260 | 4660 | 4965 | 5435 | - | 5890 | 6375 | R _{min} . ²² | |
| 12425 | 12610 | 13000 | 13145 | 13275 | 13495 | 13710 | 13930 | 14210 | 14430 | 14730 | 15090 | 15415 | 15895 | - | 16370 | 17025 | R _{max} . ¹¹ | EZLDH 1050 H 16 4/1 |
| 12375 | 12560 | 12935 | 13090 | 13220 | 13435 | 13655 | 13875 | 14150 | 14370 | 14670 | 15030 | 15350 | 15840 | - | 16315 | 16970 | R _{max} . ¹² | |
| 2420 | 2565 | 2815 | 2940 | 3040 | 3230 | 3420 | 3620 | 3875 | 4000 | 4280 | 4620 | 4930 | 5400 | - | 5855 | 6495 | R _{min} . ²¹ | |
| 2420 | 2560 | 2815 | 2940 | 3040 | 3230 | 3420 | 3620 | 3875 | 4000 | 4280 | 4620 | 4930 | 5400 | - | 5855 | 6495 | R _{min} . ²² | |
| Traglast/SWL 25,0 t | | | | | | | | | | | | | | | | | | |
| 15150 | 15350 | 15555 | 15890 | 16015 | 16155 | 16515 | 16855 | 17090 | 17510 | 17770 | 18210 | 18675 | 19195 | - | 19690 | 20310 | R _{max} . ¹¹ | EZLDH 1063 H 16 4/1 |
| 15100 | 15300 | 15505 | 15835 | 15960 | 16095 | 16460 | 16800 | 17035 | 17450 | 17710 | 18150 | 18615 | 19140 | - | 19635 | 20255 | R _{max} . ¹² | |
| 2830 | 2985 | 3145 | 3350 | 3440 | 3540 | 3875 | 4180 | 4390 | 4710 | 4945 | 5365 | 5810 | 6310 | - | 6790 | 7390 | R _{min} . ²¹ | |
| 2830 | 2985 | 3145 | 3350 | 3440 | 3540 | 3875 | 4180 | 4390 | 4710 | 4945 | 5365 | 5810 | 6310 | - | 6790 | 7390 | R _{min} . ²² | |
| Traglast/SWL 32,0 t | | | | | | | | | | | | | | | | | | |
| 19136 | 19357 | 19970 | 20202 | 20493 | 20508 | 20821 | 21148 | 21438 | 21929 | 22353 | 22972 | 23556 | 24165 | 24297 | - | - | R _{max} . ¹¹ | EZLDH 2080 H 16 4/1 |
| 19136 | 19357 | 19970 | 20202 | 20493 | 20508 | 20821 | 21148 | 21438 | 21929 | 22353 | 22972 | 23556 | 24165 | 24297 | - | - | R _{max} . ¹² | |
| 3233 | 3380 | 3700 | 3870 | 4103 | 4066 | 4517 | 4612 | 4860 | 5313 | 5701 | 6286 | 6839 | 7417 | 7535 | - | - | R _{min} . ²¹ | |
| 3233 | 3380 | 3700 | 3870 | 4103 | 4066 | 4517 | 4612 | 4860 | 5313 | 5701 | 6286 | 6839 | 7417 | 7535 | - | - | R _{min} . ²² | |
| Traglast/SWL 40,0 t | | | | | | | | | | | | | | | | | | |
| 23223 | 23410 | 24181 | 24480 | 24575 | 24923 | 25218 | 25545 | 25982 | - | - | - | - | - | - | - | - | R _{max} . ¹¹ | EZLDH 2100 H 16 4/1 |
| 23223 | 23410 | 24181 | 24480 | 24575 | 24923 | 25218 | 25545 | 25982 | - | - | - | - | - | - | - | - | R _{max} . ¹² | |
| 3737 | 3829 | 4221 | 4441 | 4462 | 4742 | 4975 | 5245 | 5628 | - | - | - | - | - | - | - | - | R _{min} . ²¹ | |
| 3737 | 3829 | 4221 | 4441 | 4462 | 4742 | 4975 | 5245 | 5628 | - | - | - | - | - | - | - | - | R _{min} . ²² | |
| 20 m | 21 m | 22 m | 23 m | 24 m | 25 m | 26 m | 27 m | 28 m | 29 m | 30 m | 31 m | 32 m | 33 m | 33,5 m | 34 m | 35 m | | |

Laufrad 160 / Travel wheel 160



Detail X
Einzelheit X



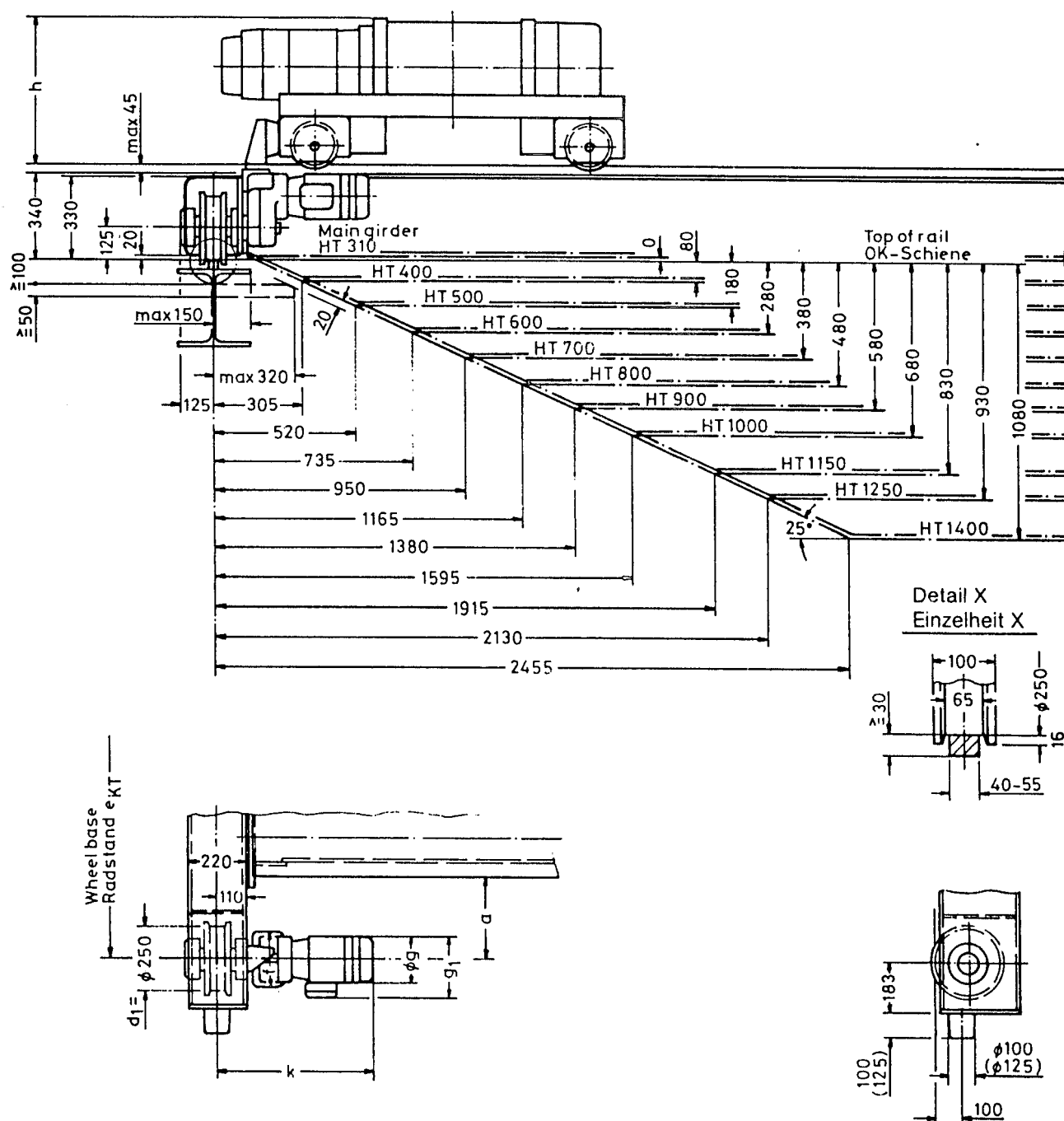
| Motor | Gearbox Getr | k | ϕg | g_1 |
|----------|-----------------|-----|----------|-------|
| KBV 71 A | AF 05 f=141 | 515 | 144 | 204 |
| KBV 71 B | | 535 | | |
| KBF 80 A | | 560 | | |
| KBV 71 A | AF 06 f=165 | 525 | 144 | 204 |
| KBV 71 B | | 545 | | |
| KBF 80 A | | 570 | | |
| KBF 90 A | | 600 | | |

| e_{KT} | a |
|----------|-----|
| 2000 | 258 |
| 2500 | 308 |
| 3150 | 632 |

| EZLDH | h |
|----------------------|-----|
| DH 316 - 320 H12 2/1 | 515 |
| DH 312 - 320 H12 4/1 | |
| DH 516 - 532 H12 2/1 | |
| DH 520 - 525 H12 4/1 | 565 |
| DH 1040-1050 H16 2/1 | 745 |

All dimensions are nominal dimensions
Die eingetragenen Maße sind Nennmaße

Laufrad 250 / Travel wheel 250



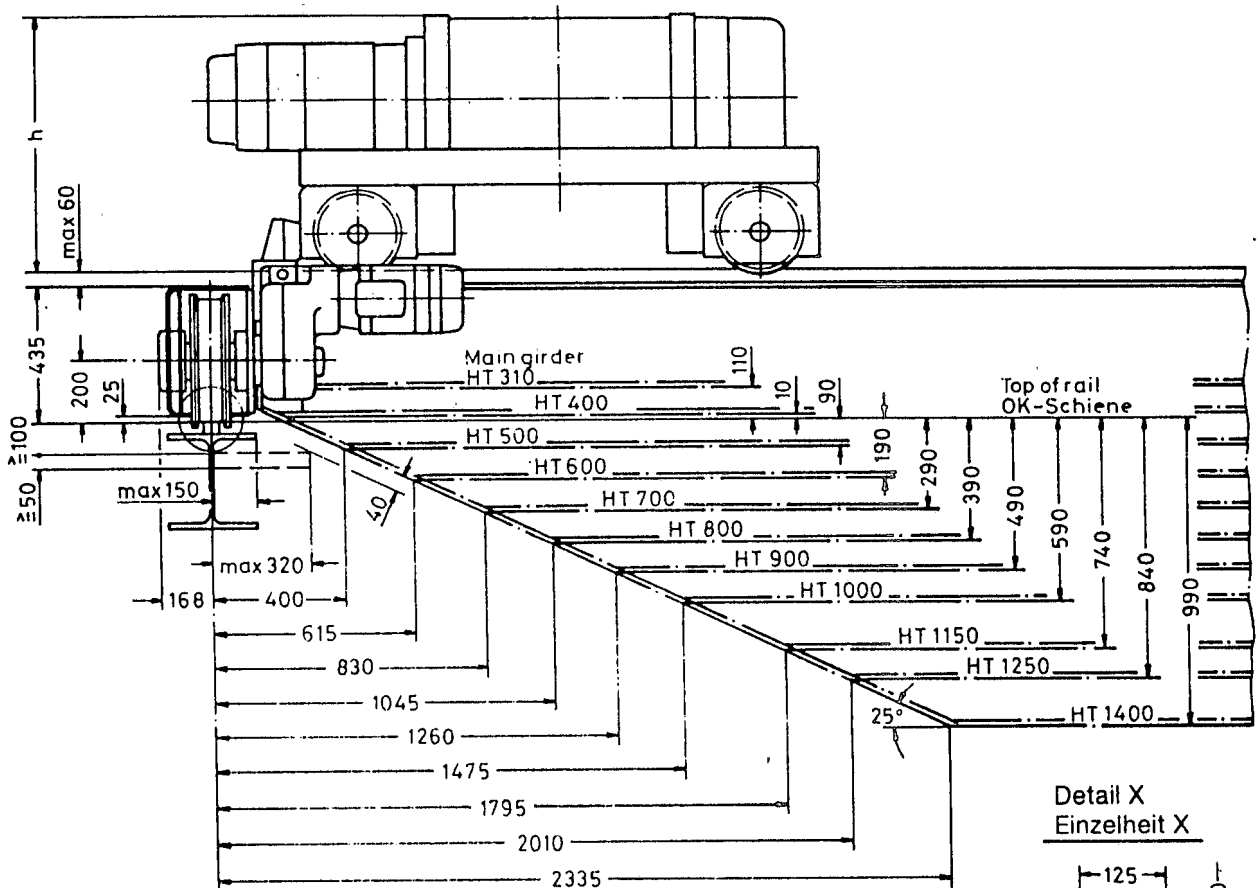
| Motor | Gearbox Getr | k | ϕg | g_1 |
|-----------|-----------------|-----|----------|-------|
| KBV 71 A | AF05 f=141 | 540 | 144 | 204 |
| KBV 71 B | | 560 | | |
| KBF 80 A | | 585 | | |
| KBV 71 A | AF06 f=165 | 550 | 144 | 204 |
| KBV 71 B | | 570 | | |
| KBF 80 A | | 595 | | |
| KBF 90 A | AF08 f=209 | 625 | 178 | 240 |
| KBF 80 A | | 670 | 158 | 220 |
| KBF 90 A | | 700 | 178 | 240 |
| KBF 100 A | | 740 | 196 | 274 |
| SBA 112 B | | 900 | 220 | 298 |

| e_{KT} | a |
|----------|-----|
| 2000 | 258 |
| 2500 | 308 |
| 3150 | 422 |
| 4000 | 427 |
| 4560 | 427 |
| 5000 | 647 |

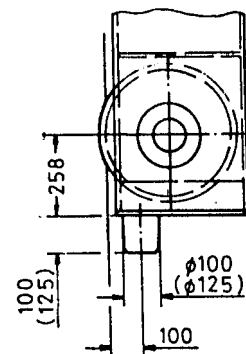
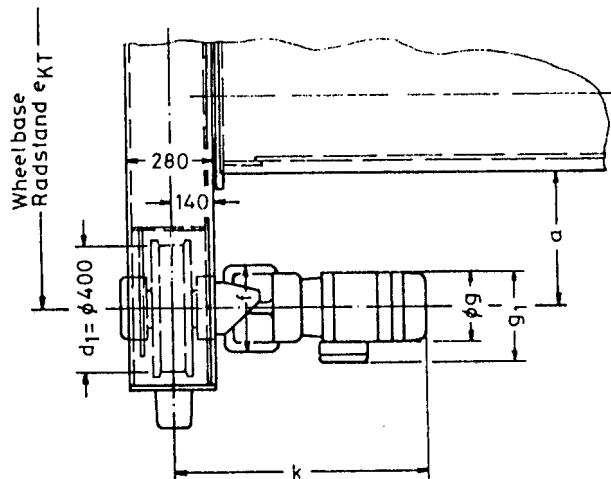
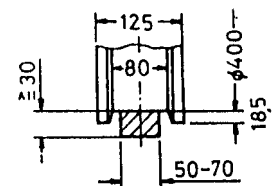
| EZLDH | h |
|----------------------|-----|
| DH 316 - 320 H12 2/1 | 515 |
| DH 312 - 320 H12 4/1 | |
| DH 516 - 532 H12 2/1 | 565 |
| DH 520 - 525 H12 4/1 | |
| DH 532 H12 4/1 | 605 |
| DH 525 H20 6/1 | |
| DH1063 H16 2/1 | 770 |
| DH1040 H16 4/1 | |
| DH1040-1050 H16 2/1 | 745 |

All dimensions are nominal dimensions
Die eingetragenen Maße sind Nennmaße

Laufrad 400 / Travel wheel 400



Detail X
Einzelheit X



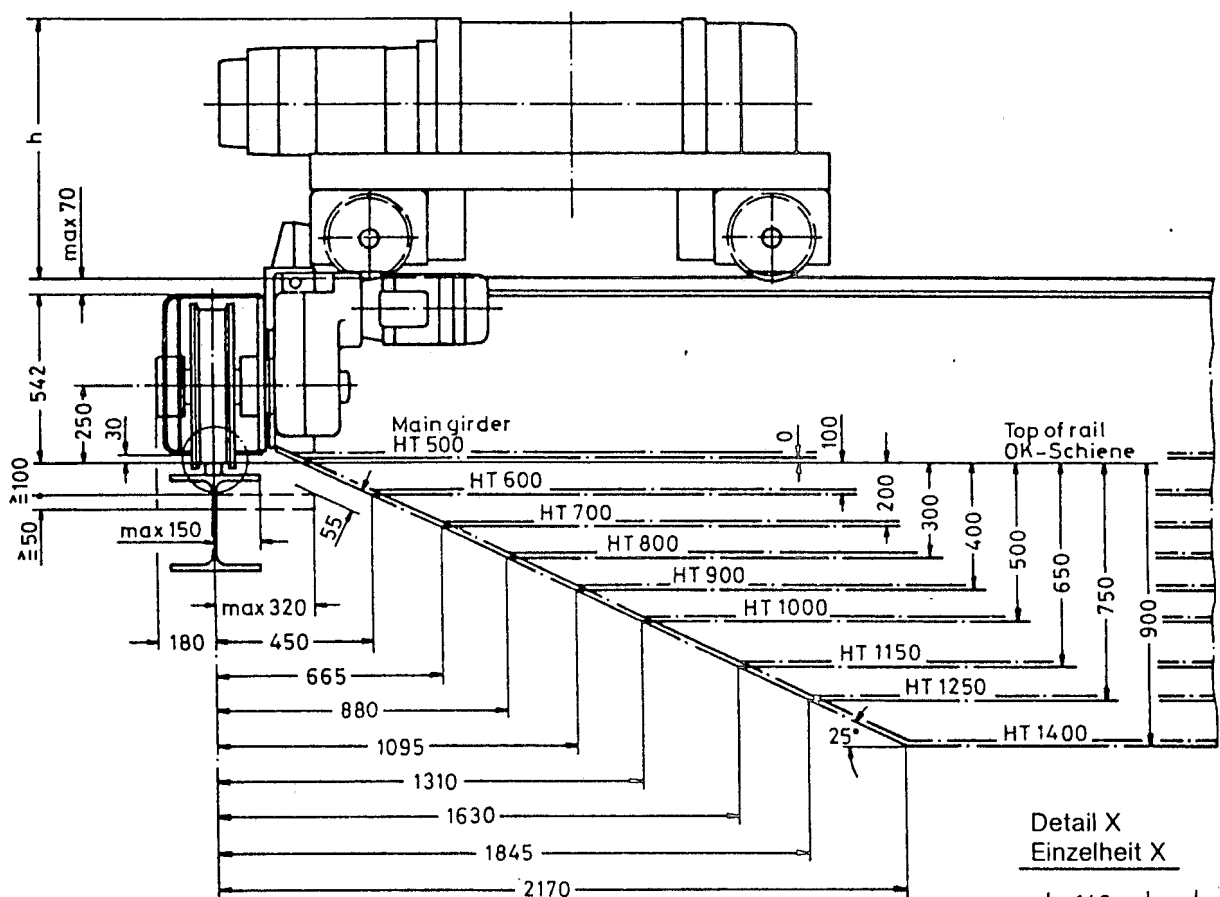
| Motor | Gearbox Getr. | k | ϕg | g_1 |
|-----------|------------------|------|----------|-------|
| KBF 80 A | AF 08 f=209 | 700 | 158 | 220 |
| KBF 90 A | | 730 | 178 | 240 |
| KBF 100 A | | 765 | 196 | 274 |
| SBA 100 B | | 895 | 196 | 274 |
| SBA 112 B | AF 10 f=274 | 930 | 220 | 298 |
| KBF 90 A | | 790 | 178 | 240 |
| KBF 100 A | | 825 | 196 | 274 |
| KBF 112 A | | 860 | 220 | 298 |
| SBA 112 B | | 990 | 220 | 298 |
| KBF 125 A | | 915 | 246 | 322 |
| SBA 125 B | | 1050 | 246 | 322 |
| SBA 140 B | | 1135 | 274 | 366 |
| SBA 160 B | | 1270 | 314 | 404 |

| e_{KT} | a |
|----------|-----|
| 2500 | 308 |
| 3150 | 422 |
| 4000 | 427 |
| 4560 | 427 |
| 5000 | 647 |

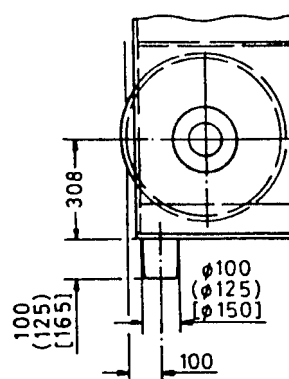
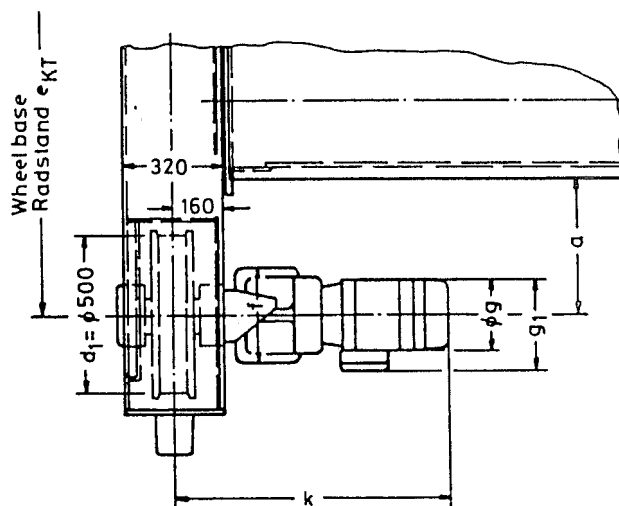
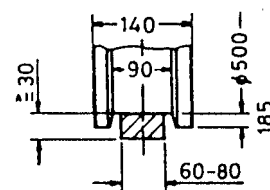
| EZLDH / EZLBP | h |
|------------------|------|
| DH 525 H 12 4/1 | 565 |
| DH 532 H 12 4/1 | 605 |
| DH 525 H 20 6/1 | |
| DH 532 H 20 6/1 | 710 |
| DH 1050 H 16 2/1 | 745 |
| DH 1063 H 16 2/1 | 770 |
| DH 1040 H 16 4/1 | |
| DH 1050 H 16 4/1 | 870 |
| DH 1063 H 16 4/1 | |
| DH 2080 H 16 4/1 | 1155 |
| DH 2100 H 16 4/1 | |

All dimensions are nominal dimensions
Die eingetragenen Maße sind Nennmaße

Laufrad 500 / Travel wheel 500



Detail X
Einzelheit X



| Motor | Gearbox Getr. | k | ø g | g ₁ |
|-----------|------------------|------|-----|----------------|
| KBF 100 A | AF 12 f=346 | 890 | 196 | 274 |
| KBF 112 A | | 925 | 220 | 298 |
| SBA 112 B | | 1050 | 220 | 298 |
| SBA 125 B | | 1110 | 246 | 322 |
| KBF 125 A | | 975 | 246 | 322 |
| KBF 140 A | | 1070 | 274 | 366 |
| SBA 140 B | | 1200 | 274 | 366 |
| SBA 160 B | | 1335 | 314 | 404 |

| eKT | a |
|------|-----|
| 2500 | 308 |
| 3150 | 422 |
| 4000 | 427 |
| 4560 | 427 |
| 5000 | 647 |

| | |
|------------------|------|
| EZLDH / EZLBP | h |
| DH 1063 H 16 4/1 | 870 |
| | 1155 |
| DH 2100 H 16 4/1 | |

All dimensions are nominal dimensions
Die eingetragenen Maße sind Nennmaße

Beschreibung

Hauptdaten des Kranes

| | | |
|--|---|---------------------------|
| Traglast: | bis 40 t | |
| Spurmittenmaß des Kranes: | bis 35 m bis 29 m bei 40 t und bis 33,5 m bei 32 t | |
| Kranfahrgeschwindigkeiten: standardisiert | Ø Laufrad 160 wahlweise 12,5; 16; 20; 25; 31,5; 40; 50; 63 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 250 wahlweise 20; 25; 31,5; 40; 50; 63 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 400 wahlweise 25; 31,5; 40; 50; 63 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 500 wahlweise 25; 31,5; 40; 50; 63 m/min | Feinfahren 1:4 auf Wunsch |
| Katzfahrgeschwindigkeiten: standardisiert | Ø Laufrad 125 wahlweise 12,5; 16; 20; 25 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 160 wahlweise 12,5; 16; 20; 25 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 250 wahlweise 20; 25 m/min | Feinfahren 1:4 auf Wunsch |
| | Ø Laufrad 400 wahlweise 25; 31,5 m/min | Feinfahren 1:4 auf Wunsch |

Tragwerk

Die Stahlkonstruktion entspricht DIN 15 018, Hubklasse H 2, Beanspruchungsgruppe B 3 (andere Einstufungen auf Anfrage). Die Hauptträger und die Kranfahrwerke (Kopfträger), beide in geschweißter Kastenträgerbauweise, werden mit HV-Schrauben verbunden. Die einwandfreie, reproduzierbare Krangeometrie-Vorbedingung für gutes Fahrverhalten – wird durch maschinenbaumäßige Bearbeitung der Anschlußflächen, exaktes Vermessen und genaue Justierung im Werk erreicht. Die Katzschiene aus St 52 – Güteklasse 3 – sind mit der oberen Lamelle der Hauptträger verschweißt.

Kranfahrantrieb

Praktisch wartungsfreie Einzelantriebe treiben je Kranseite ein Laufrad direkt an. Der Demag-Verschiebeläuferbremsmotor mit Fahrantriebscharakteristik garantiert sanften Krananlauf, geringe Pendelneigung und hohe Schalthäufigkeit. Der Motor treibt über ein auf Lebensdauer geschmiertes dreistufiges Aufsteckgetriebe die Radwelle direkt an, die wälzgelagert und ebenfalls lebensdauergeschmiert ist. Das Laufrad aus verschleißfestem Sphäroguß (Mindestzugfestigkeit 650 N/mm²) ist über einen Kegelsitz mit der Laufradwelle verbunden. Diese Bauart ist besonders servicefreundlich.

Hubwerk

Als Hubwerk werden je nach geforderter Leistung Zweischienenlaufkatzen mit Hubwerken DH vorgesehen. Feinhub 1 : 6 möglich.
Zum Schutz gegen Überlast ist ein Einbau der Demag-Lastmeßeinrichtung möglich.

Steuerung, elektrische Installation

Der Kran wird vom Flur aus über einen herabhängenden Demag-Steuerschalter Typ DST gesteuert, der wahlweise fest an der Katze, an einem Festpunkt an der Kranbrücke oder unabhängig verfahrbar angeordnet ist. Sämtliche Motore werden über Schütze gesteuert. Die dazu erforderliche Steuerspannung (vorzugsweise 220 V) wird einem Steuertrafo entnommen. Für die feste Installation wird NYY-Leitung, für die Stromzuführung vom Kran zur Katze hochflexible Flachleitung verwendet. Grundsätzlich wird ein Schutzleiter installiert. Gemäß den VDE-Bestimmungen ist ein Kranschalter vorgesehen.

Korrosionsschutz

Die Stahlbauteile erhalten nach einer gründlichen Vorbehandlung in einer Stahlkies-Entzunderungsanlage (Reinheitsgrad Sa 2 nach DIN 55 928) einen Erstanstrich auf Kunstharzbasis (Schichtdicke min. 60 µm), die Fahrantriebe und die Katze erhalten einen Deckanstrich ebenfalls auf Kunstharzbasis.

Description

Main data of the crane

| | | |
|--------------------------------------|--|-------------------------------|
| SWL: | up to 40 t | |
| Span of the crane: | up to 35 m up to 29 m for 40 t and up to 33.5 m for 32 t | |
| Long travel speeds: standardized | travel wheel dia. 160, alternatively 12.5; 16; 20; 25; 31.5; 40; 50; 63 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 250, alternatively 20; 25; 31.5; 40; 50; 63 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 400, alternatively 25; 31.5; 40; 50; 63 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 500, alternatively 25; 31.5; 40; 50; 63 m/min | Creep travel 1 : 4 on request |
| Cross travel speeds: standardized | travel wheel dia. 125, alternatively 12.5; 16; 20; 25 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 160, alternatively 12.5; 16; 20; 25 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 250, alternatively 20; 25 m/min | Creep travel 1 : 4 on request |
| | travel wheel dia. 400, alternatively 25; 31.5 m/min | Creep travel 1 : 4 on request |

Steel structure

The design of the steel structure is in conformity with DIN 15018, hoisting class 2, loading group B3 (other classifications on request). The main girders and the end carriages of welded box-girder design are connected by means of high-tensile bolts. Perfect reproducible geometry in the final assembly of the crane – a basic requirement for excellent running properties – is achieved in the works by machining all connecting surfaces to machine-building tolerances, accurate measurement checks and precise alignment. The trolley rails of St 52 – quality class 3 – are welded to the upper flange of the main girders.

Long travel drive

Practically maintenance-free single drives directly drive one travel wheel per crane side. The Demag self-braking sliding-rotor motor with travel drive characteristics ensures smooth long travel starts and a high number of cycles per hours. The motor directly drives the wheel shaft mounted on an anti-friction bearing and lubricated for service life via a three-stage reduction gear which is also lubricated for service life. The travel wheel of wear-resistant spheroidal graphite cast iron (min. tensile strength 650 N/mm²) and the shaft are connected through the conical section of the wheel shaft and the internally conical mating wheel hub. This design is particularly easy to service.

Hoist unit

Depending on the required performance, double-rail trolleys with electric rope hoists type DH are provided. Creep hoist 1 : 6 possible.

As a protection against overload, Demag load detectors can be fitted.

Control, electrical installation

The crane is controlled from the floor by means of a Demag multi-button control pendant, type DST. The control pendant is either suspended from the hoist, from a fixed point on the crane bridge or from a carriage which is independently mobile along the crane bridge. All motors are contactor-controlled. The required control voltage (preferably 220 V) is supplied from a control transformer. NYY cables are used for the fixed wiring on the crane and highly flexible flat cables for current supply from the crane to the trolley. A protective earth conductor is always included in the wiring. According to the VDE regulations, a crane switch is provided.

Corrosion prevention

After thorough treatment by shot-blasting (degree of rust removal Sa 2 according to DIN 55928), all structural parts receive a prime coating on synthetic resin basis (min. film thickness 60 µm), the travel drives and the trolley receive a top coating based on synthetic resin.

Notizen:

