

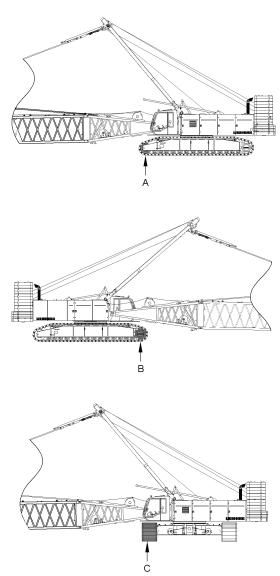
# Aufrichtbarkeitstabellen

Die Aufrichtbarkeitstabellen geben Aufschluss über die Aufrichtbarkeit aller möglichen Ausleger- bzw. Ballastkonfigurationen.

Es ist zu beachten, dass Zusatzausrüstung am Ausleger, Podeste, Eis und Schnee die Länge des selbst aufrichtbaren Auslegers reduzieren.

Der Lasthaken bzw. die Unterflasche muss sich während des Aufrichtens immer am Boden befinden.

Diese Aufrichtbarkeitstabellen sind nur gültig für Original LIEBHERR Maschinen- und Auslegerteile in neuem und einwandfreiem Zustand. Jede Beschädigung, jeder nicht von LIEBHERR genehmigte Umbau oder Zusatz beeinträchtigt die nachfolgenden Aufrichtbarkeiten und verbietet deren Anwendung.



Aufrichtbarkeit A: Der Ausleger ist über das Leitrad aufrichtbar. Aufrichtbarkeit B: Der Ausleger ist über den Turas aufrichtbar. Aufrichtbarkeit C: Der Ausleger ist über die Seite aufrichtbar.



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

|                             |      |      |                 |      |      |      | l    | Hauptau<br>Heckba | sleger 2<br>Nadela<br>allast 0.0 | 821-1 +<br>usleger-<br>l [ t ] + Z | Nadelau<br>Kopf 19<br>entralba | ısleger 1<br>16-1<br>llast 52.0 | 916-3<br>6 [ t ] |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|-----------------|------|------|------|------|-------------------|----------------------------------|------------------------------------|--------------------------------|---------------------------------|------------------|------|------|------|------|------|------|------|------|------|------|
|                             |      |      | 2 - Breite Spur |      |      |      |      |                   |                                  |                                    |                                |                                 |                  |      |      |      |      |      |      |      |      |      |      |
| Hauptauslegerlänge<br>[ m ] |      |      |                 |      |      |      |      |                   |                                  |                                    | Nadelau                        | slegerlä                        | nge [ m ]        | ]    |      |      |      |      |      |      |      |      |      |
|                             | 20.0 | 23.0 | 26.0            | 29.0 | 32.0 | 35.0 | 38.0 | 41.0              | 44.0                             | 47.0                               | 50.0                           | 53.0                            | 56.0             | 59.0 | 62.0 | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 |
| 29.0                        | ABC  | ABC  | ABC             | ABC  | ABC  | ABC  | ABC  | ABC               | AB                               | AB                                 | AB                             | AB                              | AB               | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 32.0                        | AB   | AB   | AB              | AB   | AB   | AB   | AB   | AB                | AB                               | AB                                 | AB                             | AB                              | AB               | Α    | Α    | -    | -    | -    | -    | -    | -    | -    | -    |
| 35.0                        | AB   | AB   | AB              | Α    | Α    | -    |      | -                 | -                                | -                                  | -                              | -                               | -                | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 54.0 [ † ] + Zentralballast 0.0 [ † ]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |     |     |     |     |     |     |     |     |     |     | Nade | lausleg | erlänge | e [ m ] |     |      |     |     |     |     |     |     |     |     |     |
|-----------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---------|---------|---------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                             | 20.0 |     |     |     |     |     |     |     |     |     |     |      |         |         |         |     | 95.0 |     |     |     |     |     |     |     |     |     |
| 29.0                        | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC  | ABC     | ABC     | ABC     | ABC | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC |
| 32.0                        | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC  | ABC     | ABC     | ABC     | ABC | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC |
| 35.0                        | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC  | ABC     | ABC     | ABC     | ABC | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC |
| 38.0                        | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC  | ABC     | ABC     | ABC     | ABC | ABC  | ABC | ABC | ABC | ABC | AB  | AB  | AB  | AB  | AB  |
| 41.0                        | ABC  | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC | ABC  | AB      | AB      | AB      | AB  | AB   | AB  | AB  | AB  | AB  | AB  | AB  | AB  | AB  | Α   |
| 44.0                        | AB   | ABC | AB   | AB      | AB      | AB      | Α   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| 47.0                        | AB   | AB  | AB  | AB  | AB  | Α   | Α   | -   | -   | -   | -   | -    | -       | -       | -       | -   | -    | -   | -   | -   | -   | -   | -   | -   | -   | -   |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1 + Nadelausleger 1916-3   |  |
|---|--|
| Nadelausleger-Kopf 1916-1                     |  |
| Heckhallast 74 0 [t] + Zentralhallast 0 0 [t] |  |

#### 2 - Breite Spur

| Hauptauslegerlänge [ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                          | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   |
| 47.0                     | ABC     | ABC     | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 50.0                     | AB   | ABC  | ABC  | ABC  | ABC  | AB      | AB      | AB      | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    | -    | -    |
| 53.0                     | AB   | Α    | Α    | -    | -       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 94.0 [ t ] + Zentralballast 52.6 [ t ]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   |
| 59.0                        | ABC     | ABC     | ABC     | AB   |
| 62.0                        | AB   | AB   | AB   | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   | AB      | AB      | AB      | AB   | AB   | AB   | AB   | AB   | Α    | -    | -    | -    | -    | -    |
| 65.0                        | AB      | Α       | Α       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 68.0                        | -    | -    | -    | -    | Α    | Α    | -    | -    | -    | -    | -    | -    | -       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 104.0 [†] + Zentralballast 52.6 [†]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 59.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   |
| 62.0                        | ABC     | ABC     | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 65.0                        | AB   | AB   | AB   | AB   | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   | AB      | AB      | AB      | AB   | AB   | AB   | AB   | AB   | Α    | Α    | Α    | -    | -    | -    |
| 68.0                        | AB   | Α       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 114.0 [t] + Zentralballast 52.6 [t]

### 2 - Breite Spur

| Hauptauslegerlänge [ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                          | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 59.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 62.0                     | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   |
| 65.0                     | ABC     | AB      | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 68.0                     | AB      | AB      | AB      | AB   | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    |
| 71.0                     | AB   | Α    | Α       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 114.0 [†] + Zentralballast 52.6 [†]

### 3 - Blocked Crawlers

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 59.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 62.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   |
| 65.0                        | ABC     | AB      | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 68.0                        | AB      | AB      | AB      | AB   | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    |
| 71.0                        | AB   | Α    | Α       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 124.0 [†] + Zentralballast 52.6 [†]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 59.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 62.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 65.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   |
| 68.0                        | ABC     | AB      | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 71.0                        | AB      | AB      | AB      | AB   | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    |
| 74.0                        | AB   | -    | AB   | Α    | -       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |      |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 1916-3 Nadelausleger-Kopf 1916-1 Heckballast 124.0 [†] + Zentralballast 52.6 [†]

### 3 - Blocked Crawlers

|                             | l    |      |      |      |      |      |      |      |      |      |      |      |         |         |         |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 38.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 41.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 44.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 47.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 50.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 53.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 56.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 59.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 62.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  |
| 65.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   |
| 68.0                        | ABC     | AB      | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   |
| 71.0                        | AB      | AB      | AB      | AB   | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    |
| 74.0                        | AB   | -    | AB   | Α    | -       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ausleger-Konfiguration: Hauptausleger + verstellbarer Nadelausleger

Aufrichtbarkeitstabellen

Ident.-Nr.: /9842523/95738

|                             |   |        | Hauptai<br>Heckl | usleger 2<br>Nadela<br>pallast 0. | 2821-1 +<br>ausleger-<br>0 [ t ] + 2 | Nadelau<br>Kopf 23<br>Zentralba | sleger 23<br>16-1<br>Illast 0.0 | 316-2<br>[t] |      |      |      |      |      |  |  |
|-----------------------------|---|--------|------------------|-----------------------------------|--------------------------------------|---------------------------------|---------------------------------|--------------|------|------|------|------|------|--|--|
|                             |   |        |                  |                                   | 2 - Breite                           | e Spur                          |                                 |              |      |      |      |      |      |  |  |
| Hauptauslegerlänge<br>[ m ] | 2 - Breite Spur  Hauptauslegerlänge [ m ] |        |                  |                                   |                                      |                                 |                                 |              |      |      |      |      |      |  |  |
|                             | 20.0                                      | 23.0   | 26.0             | 29.0                              | 32.0                                 | 35.0                            | 38.0                            | 41.0         | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 |  |  |
| 20.0                        | AB  | AB     | AB               | AB                                | AB                                   | AB                              | AB                              | AB           | AB   | AB   | AB   | Α    | Α    |  |  |
| 23.0                        | AB  | Α      | -                | -                                 | -                                    | -                               | -                               | -            | -    | -    | -    | -    | -    |  |  |
| Lasthaken bzw. Unterflasch  | ne immer                                  | am Bod | en               |                                   |                                      |                                 |                                 |              |      |      |      |      |      |  |  |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

|                             |      |                 |      |      |      | Hauptau<br>Heckb | usleger 2<br>Nadela<br>allast 0.0 | 2821-1 +<br>ausleger<br>0 [ t ] + Z | Nadelau<br>-Kopf 23<br>entralbal | sleger 23<br>16-1<br>last 52.6 | 316-2<br>[t] |      |      |      |      |      |      |      |      |
|-----------------------------|------|-----------------|------|------|------|------------------|-----------------------------------|-------------------------------------|----------------------------------|--------------------------------|--------------|------|------|------|------|------|------|------|------|
|                             |      | 2 - Breite Spur |      |      |      |                  |                                   |                                     |                                  |                                |              |      |      |      |      |      |      |      |      |
| Hauptauslegerlänge<br>[ m ] | · ·  |                 |      |      |      |                  |                                   |                                     |                                  |                                |              |      |      |      |      |      |      |      |      |
|                             | 20.0 | 23.0            | 26.0 | 29.0 | 32.0 | 35.0             | 38.0                              | 41.0                                | 44.0                             | 47.0                           | 50.0         | 53.0 | 56.0 | 59.0 | 62.0 | 65.0 | 68.0 | 71.0 | 74.0 |
| 20.0                        | ABC  | ABC             | ABC  | ABC  | ABC  | ABC              | ABC                               | ABC                                 | ABC                              | ABC                            | ABC          | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   |
| 23.0                        | ABC  | ABC             | ABC  | ABC  | ABC  | ABC              | ABC                               | ABC                                 | ABC                              | ABC                            | ABC          | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   |
| 26.0                        | ABC  | ABC             | ABC  | ABC  | ABC  | ABC              | ABC                               | ABC                                 | ABC                              | AB                             | AB           | AB   | AB   | AB   | AB   | AB   | AB   | AB   | Α    |
| 29.0                        | ABC  | AB              | AB   | AB   | AB   | AB               | AB                                | AB                                  | AB                               | AB                             | AB           | AB   | AB   | Α    | Α    | -    | -    | -    | -    |
| 32.0                        | AB   | AB              | AB   | AB   | Α    | Α                | -                                 | -                                   | -                                | -                              | -            | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 2316-2 Nadelausleger-Kopf 2316-1 Heckballast 54.0 [†] + Zentralballast 0.0 [†]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      | Nade | lausleg | erlänge | e [ m ] |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0    | 59.0    | 62.0    | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 |
| 20.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | Α    |
| 23.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | -    |
| 26.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | -    |
| 29.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | -    |
| 32.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | Α    | -    |
| 35.0                        | ABC     | ABC     | ABC     | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   | -    | -    |
| 38.0                        | ABC  | AB   | AB   | AB      | AB      | AB      | AB   | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -    |
| 41.0                        | ABC  | ABC  | ABC  | AB      | A       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 44.0                        | AB   | AB   | AB   | AB   | AB   | Α    | -    | -    | -    | -    | -    | -    | -       | -       | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

Hauptausleger 2821-1 + Nadelausleger 2316-2 Nadelausleger-Kopf 2316-1 Heckballast 74.0 [ † ] + Zentralballast 0.0 [ † ]

### 2 - Breite Spur

| Hauptauslegerlänge<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      |      | Na   | idelaus | legerlä | inge [ ı | m ]  |      |      |      |      |      |      |      |      |      |      |       |       |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|---------|----------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
|                             | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0    | 62.0    | 65.0     | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 |
| 20.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB    | AB    |
| 23.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB    | AB    |
| 26.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB    | Α     |
| 29.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB    | -     |
| 32.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB    | -     |
| 35.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | Α     | -     |
| 38.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | -     | -     |
| 41.0                        | ABC     | ABC     | ABC      | ABC  | ABC  | ABC  | AB   | -     | -     |
| 44.0                        | ABC  | AB   | AB   | AB      | AB      | AB       | AB   | AB   | AB   | AB   | AB   | A    | A    | -    | -    | -    | -    | -     | -     |
| 47.0                        | ABC  | ABC  | ABC  | ABC  | ABC  | AB      | Α       | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |
| 50.0                        | AB   | -    | -    | -    | -    | -    | -    | -       | -       | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1 + Nadelausleger 2316-2<br>Nadelausleger-Kopf 2316-1<br>Heckballast 94.0 [ t ] + Zentralballast 52.6 [ t ] |
|--|
| 2 - Breite Spur  |

|                                 |      |      |      |      |      |      |      |      |      |      |      |      |      | 2 - B | reite S | pur    |         |          |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|---------|--------|---------|----------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| Hauptauslegerläng<br>e<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      |      |      |       | Nadela  | ausleg | jerläng | je [ m ] | ]    |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                                 | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0  | 62.0    | 65.0   | 68.0    | 71.0     | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0 | 110.0 | 113.0 |
| 20.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 23.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 26.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 29.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 32.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 35.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | AB    |
| 38.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | AB    |
| 41.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | AB    |
| 44.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | AB    |
| 47.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | AB    | AB    |
| 50.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB    | AB    | AB    | AB    | AB    |
| 53.0                            | ABC   | ABC     | ABC    | ABC     | ABC      | AB    | AB    | Α     | Α     | -     |
| 56.0                            | ABC  | AB   | AB   | AB    | AB      | AB     | AB      | AB       | AB   | AB   | AB   | AB   | Α    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 59.0                            | AB   | AB   | AB   | AB   | ABC  | AB    | AB      | Α      | Α       | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 62.0                            | AB   | Α    | -    | -    | -    | -     | -       | -      | -       | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | - 1   | - 1   |       |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1 + Nadelausleger 2316-2     |
|---|
| Nadelausleger-Kopf 2316-1                       |
| Heckballast 104.0 [t] + Zentralballast 52.6 [t] |
|   |

#### 2 - Breite Spur

|                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ene S  | pu.    |        |         |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|---------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| Hauptauslegerläng |      |      |      |      |      |      |      |      |      |      |      |      |      | -    | Nadela | ausleg | erläng | e [ m ] |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
| [ m ]             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |        |        |         |      |      |      |      |      |      |      |      |      |       |       |       |       |       |
|                   | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0 | 62.0   | 65.0   | 68.0   | 71.0    | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0 | 110.0 | 113.0 |
| 20.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 23.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 26.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 29.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 32.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 35.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 38.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 41.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 44.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 47.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 50.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | AB    |
| 53.0              | ABC    | ABC    | ABC    | ABC     | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB    | AB    | AB    | AB    | AB    |
| 56.0              | ABC    | ABC    | ABC    | AB      | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB    | AB    | A     | -     | -     |
| 59.0              | ABC  | AB   | AB   | AB   | AB     | AB     | AB     | AB      | AB   | AB   | AB   | Α    | Α    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 62.0              | AB     | Α      | -      | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 65.0              | AB   | Α    | -    | -    | -    | -    | -      | -      | -      | -       | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | Τ-    |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1 + Nadelausleger 2316-2     |
|---|
| Nadelausleger-Kopf 2316-1                       |
| Heckballast 114.0 [t] + Zentralballast 52.6 [t] |

## 2 - Breite Spur

| Hauptauslegerläng<br>e<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Nadela | ausleg | erläng | ge [ m | ]    |      |      |      |      |      |      |      |      |       |       |       |       |       |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|--------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                 | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0 | 62.0   | 65.0   | 68.0   | 71.0   | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0 | 110.0 | 113.0 |
| 20.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 23.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 26.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 29.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 32.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 35.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 38.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 41.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 44.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 47.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 50.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 53.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | AB    | AB    |
| 56.0                            | ABC    | ABC    | ABC    | ABC    | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB    | AB    | AB    | AB    | AB    |
| 59.0                            | ABC    | ABC    | ABC    | AB     | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | Α     | Α     | -     | -     | -     |
| 62.0                            | ABC  | AB   | AB   | AB   | AB   | AB     | AB     | AB     | AB     | AB   | AB   | AB   | Α    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 65.0                            | AB     | -      | -      | -      | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 68.0                            | AB   | Α    | Α    | Α    | AB   | AB   | AB   | AB   | AB   | -    | -    | -    | -    | -    | -      | -      | -      | -      | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |



Lasthaken bzw. Unterflasche immer am Boden

Ausleger-Konfiguration:

Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1 + Nadelausleger 2316-2     |  |
|---|--|
| Nadelausleger-Kopf 2316-1                       |  |
| Heckhallast 114 0 [t] + Zentralballast 52 6 [t] |  |

#### 3 - Blocked Crawlers

| Hauptauslegerläng<br>e<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Nadela | ausleg | erläng | je [ m ] | ]    |      |      |      |      |      |      |      |      |       |       |       |       |       |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|----------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                 | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0 | 62.0   | 65.0   | 68.0   | 71.0     | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0 | 110.0 | 113.0 |
| 20.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 23.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 26.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 29.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 32.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 35.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 38.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 41.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 44.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 47.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 50.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 53.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | AB    | AB    |
| 56.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB    | AB    | AB    | AB    | AB    |
| 59.0                            | ABC    | ABC    | ABC    | AB       | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | Α     | Α     | -     | -     |       |
| 62.0                            | ABC  | AB   | AB   | AB   | AB   | AB     | AB     | AB     | AB       | AB   | AB   | AB   | Α    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 65.0                            | AB     | -      | -      | -        | -    | -    | -    | -    | 1    | -    | -    | -    | -    | -     | -     | -     | -     |       |
| 68.0                            | AB   | Α    | Α    | Α    | AB   | AB   | AB   | AB   | AB   | -    | -    | -    | -    | -    | -      | -      | -      | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | _     | -     |       |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleger 2821-1  | 1 + Nadelausleger 2316-2  |
|-----------------------|---------------------------|
| Nadelausle            | ger-Kopf 2316-1           |
| Heckballast 124.0 [t] | + Zentralballast 52.6 [t] |

### 2 - Breite Spur

| Hauptauslegerläng<br>e<br>[ m ] |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Nadela | ausleg | erläng | je [ m j | ]    |      |      |      |      |      |      |      |      |       |       |       |       |       |
|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|----------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
|                                 | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0 | 62.0   | 65.0   | 68.0   | 71.0     | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0 | 110.0 | 113.0 |
| 20.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 23.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 26.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 29.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 32.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 35.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 38.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 41.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 44.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 47.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 50.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 53.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC   | ABC   | ABC   |
| 56.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | AB    | AB    | AB    |
| 59.0                            | ABC    | ABC    | ABC    | ABC      | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   | AB   | AB   | AB    | AB    | AB    | AB    | AB    |
| 62.0                            | ABC    | AB     | AB     | AB       | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | Α    | -     | -     | -     | -     | -     |
| 65.0                            | ABC  | AB   | AB   | AB   | AB   | AB   | AB     | AB     | AB     | AB       | AB   | AB   | Α    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 68.0                            | AB   | Α    | A      | -      | -      | -        | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     | -     | -     | -     |
| 71.0                            | -    | -    | -    | -    | -    | -    | -    | Α    | Α    | -    | -    | -    | -    | -    | -      | -      | -      | -        | -    | -    | -    | -    | -    | -    | -    | _    | -    | -     | -     |       | -     | -     |



Ident.-Nr.:

Hauptausleger + verstellbarer Nadelausleger /9842523/95738

## Aufrichtbarkeitstabellen

| Hauptausleg | er 2821-1 + Nadelausleger 2316-2        |  |
|-------------|---|--|
| . Na        | delausleger-Kopf 2316-1                 |  |
| Heckhallast | 124 0 [ t ] + Zentralballast 52 6 [ t ] |  |

#### 3 - Blocked Crawlers

| Hauptauslegerläng<br>e<br>[ m ] | Nadelauslegerlänge [ m ] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |          |      |      |
|---------------------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|----------|------|------|
| [ "'' ]                         |                          |      | 20.0 | 00.0 |      | 05.0 | 00.0 | 11.0 |      | 47.0 | 50.0 | 50.0 | 500  | 50.0 |      | 05.0 |      | 74.0 | 740  |      |      | 00.0 | 20.0 | 00.0 | 00.0 | 05.0 | 00.0 | 101.0 | 1010  | 407.0    | 1100 | 1100 |
|                                 | 20.0                     | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 | 44.0 | 47.0 | 50.0 | 53.0 | 56.0 | 59.0 | 62.0 | 65.0 | 68.0 | 71.0 | 74.0 | 77.0 | 80.0 | 83.0 | 86.0 | 89.0 | 92.0 | 95.0 | 98.0 | 101.0 | 104.0 | 107.0    |      |      |
| 20.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 23.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 26.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 29.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 32.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 35.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 38.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 41.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 44.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 47.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 50.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 53.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | ABC      | ABC  | ABC  |
| 56.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC   | ABC   | AB       | AB   | AB   |
| 59.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | AB   | AB   |      | AB   | AB    | ABC   | AB       | AB   | AB   |
|                                 |                          |      |      |      |      |      | _    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | AB   | AB   | Ab    | AB    | AB       | AB   | AB   |
| 62.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | A    | -     | -     | $\vdash$ |      |      |
| 65.0                            | ABC                      | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | ABC  | AB   | A    | -    | -    | -    | -    | -    | -    | -     | -     | $\vdash$ | -    |      |
| 68.0                            | AB                       | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | AB   | A    | A    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |          | -    | -    |
| 71.0                            | -                        | -    | -    | -    | -    | -    | -    | Α    | A    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |          |      |      |