



**Fahrwerke + Vorsatzstücke**  
*End carriages + Wheel blocks*



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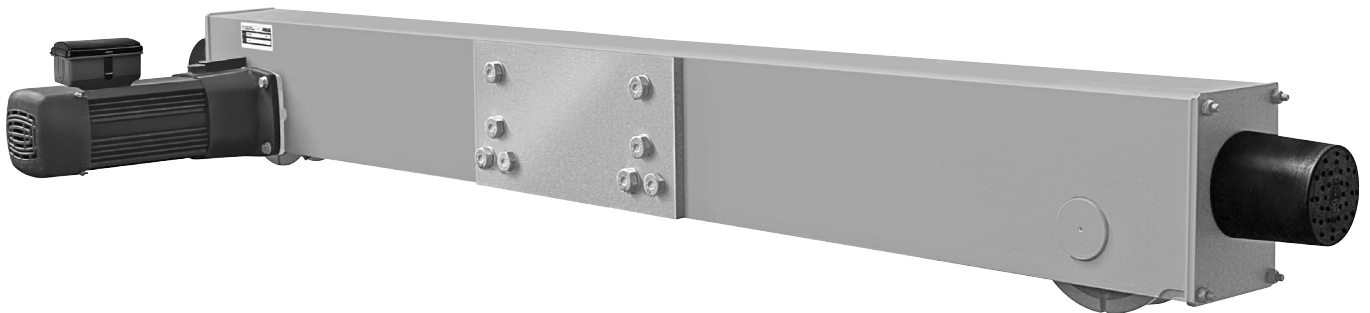
Stand aller Angaben: Januar 2014; Änderungen im Sinne des technischen Fortschritts vorbehalten.  
*All data is valid of: January 2014; modifications required for technical progress may be without notice.*

## Beschreibung der ABUS Fahrwerke

### Description of ABUS end carriages

Stahlkonstruktion gemäß DIN 15018. Komplette mechanische Bearbeitung in einer Aufspannung, dadurch hohe geometrische Genauigkeit. Hauptträgeranschluss mittels HV-Schrauben. Laufräder mit Wälzlagerung und Lebensdauerschmierung. Antriebsmotor mit Sanftanlauf- und -auslaufcharakteristik durch ausgewogene Schwungmassen. Mit integrierter Gleichstromversorgung für die robuste, langlebige elektro-mechanische Scheibenbremse. Antriebe komplett wartungsfrei. Stahlkonstruktion mit Einschichtfertiglackierung in RAL 1007 (narzissengelb), Motoren verkehrsblau seidenglänzend, RAL 5017.

*Steel structure in accordance with DIN 15018. As all the machining is performed in one jig, the structure has a high degree of mechanical precision. Connected to main girders by high-strength bolts. Wheels with roller bearings and permanent lubrication. Motor with smooth starting and stopping characteristics thanks to balanced flywheel masses. With integrated DC power supply for sturdy, durable electro-mechanical disc brake. Motor entirely maintenance-free. Steel structure with single-layer painting RAL 1007 (daffodil yellow), motors painted traffic blue, RAL 5017.*



#### Vorteile im Überblick

- Hohe geometrische Genauigkeit
- Sanft anlaufend, sanft umschaltend und sanft bremsend durch ausgewogene Schwungmassen
- Wartungsfreie Antriebe
- Spurkranzführung
- Hauptträgeranschlussplatten ultraschallgeprüft
- Formstabile Ausführung
- Umfangreiche Ausstattung
- Steckverbindung für den elektrischen Anschluss mit eingebautem Bremsgleichrichter

#### Main features:

- *high dimensional precision*
- *smooth starting, smooth switching and smooth braking thanks to balanced flywheel masses*
- *maintenance-free motors*
- *wheel flange guide*
- *ultrasonically tested main girder connection plates*
- *sturdy design*
- *complete standard equipment*
- *plug-in connector for electrical connections with brake rectifier fitted in*

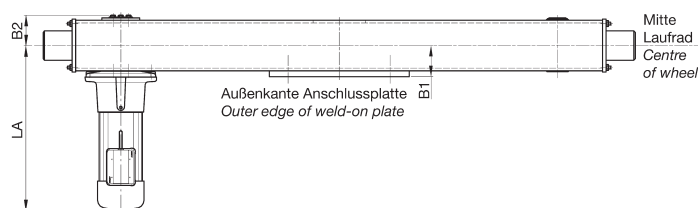
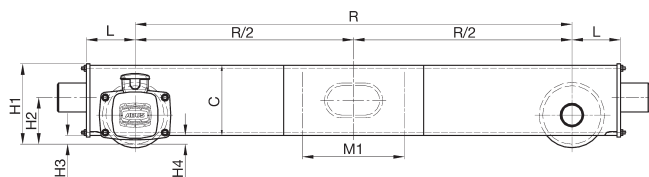
#### Lieferumfang:

Stahlkonstruktion mit eingebautem Fahrwerk, Puffer und Pufferplatte, Hauptträger-Anschlussplatten mit HV-Verbindung, Getriebebremsmotor mit Steckverbindung und eingebautem Bremsgleichrichter.

#### Scope of supply:

*Steel structure with built-in wheels, buffers and buffer plates, connection plates with high-strength connection to main girder, geared brake motor with plug-in connector and built-in braking rectifier.*

# ABUS Fahrwerke für Einträgerkran ABUS end carriages for single girder cranes



| Fahrwerke für Serien-Einträgerkranen            |                                         |                                                          |               |                                             |                                                                                    |                                          | (ausgelegt nach DIN 15018 H2/B3)   |     |     |     |     |    |    |     |     |
|-------------------------------------------------|-----------------------------------------|----------------------------------------------------------|---------------|---------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-----|-----|-----|-----|----|----|-----|-----|
| End carriages for standard single girder cranes |                                         |                                                          |               |                                             |                                                                                    |                                          | (designed acc. to DIN 15018 H2/B3) |     |     |     |     |    |    |     |     |
| Typ<br>Type                                     | Laufrad<br>Ø<br>Wheel<br>dia.<br><br>mm | Ausdehnung der<br>Laufräder<br>Groove width<br>of wheels |               | Radstand<br>Wheel<br>spacing<br><br>R<br>mm | Radlast <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max.<br>kN/Rad<br>kN/wheel | Spann-<br>weite<br>Span<br>max.<br><br>m | Maße<br>Dimensions                 |     |     |     |     |    |    |     |     |
|                                                 |                                         | AD min.<br>mm                                            | AD max.<br>mm |                                             |                                                                                    |                                          | mm                                 |     |     |     |     |    |    |     |     |
|                                                 |                                         |                                                          |               |                                             |                                                                                    |                                          | B1                                 | B2  | C   | H1  | H2  | H3 | H4 | L   | M1  |
| EL 130.3.160.1500.180.0.1                       | 130                                     | 47                                                       | 62            | 1500                                        | 33                                                                                 | 10,3                                     | 85                                 | 80  | 160 | 185 | 100 | 15 | 20 | 133 | 180 |
| EL 130.3.160.1900.180.0.1                       | 130                                     | 47                                                       | 62            | 1900                                        | 33                                                                                 | 13,1                                     | 85                                 | 80  | 160 | 185 | 100 | 15 | 20 | 133 | 180 |
| EL 130.3.160.2200.180.0.1                       | 130                                     | 47                                                       | 62            | 2200                                        | 33                                                                                 | 15,2                                     | 85                                 | 80  | 160 | 185 | 100 | 15 | 20 | 133 | 180 |
| EL 130.3.160.2700.180.0.1                       | 130                                     | 47                                                       | 62            | 2700                                        | 28                                                                                 | 18,6                                     | 85                                 | 80  | 160 | 185 | 100 | 15 | 20 | 133 | 180 |
| EL 160.3.200.1900.250.0.1                       | 160                                     | 47                                                       | 82            | 1900                                        | 50                                                                                 | 13,1                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 250 |
| EL 160.3.200.1900.340.0.1                       | 160                                     | 47                                                       | 82            | 1900                                        | 50                                                                                 | 13,1                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 340 |
| EL 160.3.200.1900.390.0.1                       | 160                                     | 47                                                       | 82            | 1900                                        | 50                                                                                 | 13,1                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 390 |
| EL 160.3.200.2200.250.0.1                       | 160                                     | 47                                                       | 82            | 2200                                        | 48                                                                                 | 15,2                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 250 |
| EL 160.3.200.2200.340.0.1                       | 160                                     | 47                                                       | 82            | 2200                                        | 50                                                                                 | 15,2                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 340 |
| EL 160.3.200.2200.390.0.1                       | 160                                     | 47                                                       | 82            | 2200                                        | 50                                                                                 | 15,2                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 390 |
| EL 160.3.200.2700.250.0.1                       | 160                                     | 47                                                       | 82            | 2700                                        | 46                                                                                 | 18,6                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 250 |
| EL 160.3.200.2700.340.0.1                       | 160                                     | 47                                                       | 82            | 2700                                        | 49                                                                                 | 18,6                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 340 |
| EL 160.3.200.2700.390.0.1                       | 160                                     | 47                                                       | 82            | 2700                                        | 50                                                                                 | 18,6                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 390 |
| EL 160.3.200.3200.340.0.1                       | 160                                     | 47                                                       | 82            | 3200                                        | 41                                                                                 | 22,1                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 340 |
| EL 160.3.200.3200.390.0.1                       | 160                                     | 47                                                       | 82            | 3200                                        | 42                                                                                 | 22,1                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 390 |
| EL 160.3.200.3800.340.0.1                       | 160                                     | 47                                                       | 82            | 3800                                        | 34                                                                                 | 26                                       | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 340 |
| EL 160.3.200.3800.390.0.1                       | 160                                     | 47                                                       | 82            | 3800                                        | 35                                                                                 | 26                                       | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 390 |
| EL 200.3.240.1900.350.0.1                       | 200                                     | 47                                                       | 92            | 1900                                        | 65                                                                                 | 13,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 350 |
| EL 200.3.240.1900.400.0.1                       | 200                                     | 47                                                       | 92            | 1900                                        | 65                                                                                 | 13,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 |
| EL 200.3.240.2200.350.0.1                       | 200                                     | 47                                                       | 92            | 2200                                        | 65                                                                                 | 15,2                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 350 |
| EL 200.3.240.2200.400.0.1                       | 200                                     | 47                                                       | 92            | 2200                                        | 65                                                                                 | 15,2                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 |
| EL 200.3.240.2700.350.0.1                       | 200                                     | 47                                                       | 92            | 2700                                        | 65                                                                                 | 18,6                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 350 |
| EL 200.3.240.2700.400.0.1                       | 200                                     | 47                                                       | 92            | 2700                                        | 65                                                                                 | 18,6                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 |
| EL 200.3.240.3200.350.0.1                       | 200                                     | 47                                                       | 92            | 3200                                        | 63                                                                                 | 22,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 350 |
| EL 200.3.240.3200.400.0.1                       | 200                                     | 47                                                       | 92            | 3200                                        | 65                                                                                 | 22,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 |
| EL 200.3.240.3200.460.0.1                       | 200                                     | 47                                                       | 92            | 3200                                        | 65                                                                                 | 22,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 460 |
| EL 200.3.240.3800.350.0.1                       | 200                                     | 47                                                       | 92            | 3800                                        | 54                                                                                 | 26                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 350 |
| EL 200.3.240.3800.400.0.1                       | 200                                     | 47                                                       | 92            | 3800                                        | 55                                                                                 | 26                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 |
| EL 200.3.240.3800.460.0.1                       | 200                                     | 47                                                       | 92            | 3800                                        | 56                                                                                 | 26,2                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 460 |
| EL 200.3.240.4100.460.0.1                       | 200                                     | 47                                                       | 92            | 4100                                        | 51                                                                                 | 28,3                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 460 |
| EL 200.3.240.4300.460.0.1                       | 200                                     | 47                                                       | 92            | 4300                                        | 49                                                                                 | 29,5                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 460 |
| EL 280.3.300.2200.400.0.0                       | 280                                     | 47                                                       | 97            | 2200                                        | 100                                                                                | 15,2                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 |
| EL 280.3.300.2200.460.0.0                       | 280                                     | 47                                                       | 97            | 2200                                        | 100                                                                                | 15,2                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |
| EL 280.3.300.2700.400.0.0                       | 280                                     | 47                                                       | 97            | 2700                                        | 92                                                                                 | 18,6                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 |
| EL 280.3.300.2700.460.0.0                       | 280                                     | 47                                                       | 97            | 2700                                        | 94                                                                                 | 18,6                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |
| EL 280.3.300.3200.400.0.1                       | 280                                     | 47                                                       | 97            | 3200                                        | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 |
| EL 280.3.300.3200.460.0.1                       | 280                                     | 47                                                       | 97            | 3200                                        | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |
| EL 280.3.300.3800.400.0.1                       | 280                                     | 47                                                       | 97            | 3800                                        | 95                                                                                 | 26                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 |
| EL 280.3.300.3800.460.0.1                       | 280                                     | 47                                                       | 97            | 3800                                        | 97                                                                                 | 26,2                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |
| EL 280.3.300.4100.460.0.1                       | 280                                     | 47                                                       | 97            | 4100                                        | 89                                                                                 | 28,3                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |
| EL 280.3.300.4300.460.0.1                       | 280                                     | 47                                                       | 97            | 4300                                        | 84                                                                                 | 29,5                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 460 |

## Reduzierte Ausstattung

- Ohne Antriebe
- Ohne Hauptträgeranschlussplatten und Schrauben

## Zusatzausstattungen

- 4-Rad-Antriebe (2 Antriebe je Fahrwerk auf Anfrage)
- Fahrwerke mit Führungsrollen/Entgleisungsschutz auf Anfrage

## Reduced equipment

- Without gear motors
- Without main girder connection plates and screws

## Options

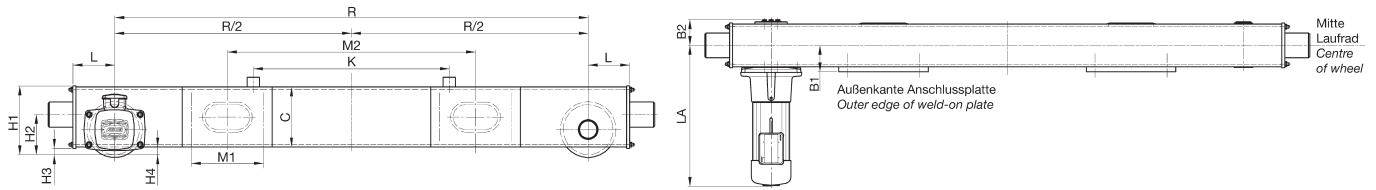
- 4 Wheel drive (2 drives per travelling gear on request)
- End carriages with guide rollers/derailment protection on request

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

# ABUS Fahrwerke für Zweiträgerkrane

## ABUS end carriages for double girder cranes



| Fahrwerke für Serien-Zweiträgerkrane            |                                         |                                                          |               |                                             |                                                  |                                                                                    |                                          | (ausgelegt nach DIN 15018 H2/B3)   |     |     |     |     |    |    |     |     |      |  |  |
|-------------------------------------------------|-----------------------------------------|----------------------------------------------------------|---------------|---------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------|------------------------------------|-----|-----|-----|-----|----|----|-----|-----|------|--|--|
| End carriages for standard double girder cranes |                                         |                                                          |               |                                             |                                                  |                                                                                    |                                          | (designed acc. to DIN 15018 H2/B3) |     |     |     |     |    |    |     |     |      |  |  |
| Typ<br>Type                                     | Laufrad<br>Ø<br>Wheel<br>dia.<br><br>mm | Ausdehnung der<br>Laufräder<br>Groove width<br>of wheels |               | Radstand<br>Wheel<br>spacing<br><br>R<br>mm | Katzspur<br>Trolley<br>track<br>width<br>K<br>mm | Radlast <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max.<br>kN/Rad<br>kN/wheel | Spann-<br>weite<br>Span<br>max.<br><br>m | Maße<br>Dimensions                 |     |     |     |     |    |    |     |     |      |  |  |
|                                                 |                                         | AD min.<br>mm                                            | AD max.<br>mm |                                             |                                                  |                                                                                    |                                          | mm                                 |     |     |     |     |    |    |     |     |      |  |  |
|                                                 |                                         |                                                          |               |                                             |                                                  |                                                                                    |                                          | B1                                 | B2  | C   | H1  | H2  | H3 | H4 | L   | M1  | M2   |  |  |
| ZL 160.3.200.2700.290.1400.1                    | 160                                     | 47                                                       | 82            | 2700                                        | 1400                                             | 50                                                                                 | 17                                       | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 290 | 1595 |  |  |
| ZL 160.3.200.2700.290.1600.1                    | 160                                     | 47                                                       | 82            | 2700                                        | 1600                                             | 50                                                                                 | 17                                       | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 290 | 1795 |  |  |
| ZL 160.3.200.2700.400.1400.1                    | 160                                     | 47                                                       | 82            | 2700                                        | 1400                                             | 50                                                                                 | 18,6                                     | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 400 | 1705 |  |  |
| ZL 160.3.200.2900.400.1600.1                    | 160                                     | 47                                                       | 82            | 2900                                        | 1600                                             | 50                                                                                 | 20                                       | 95                                 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 400 | 1905 |  |  |
| ZL 200.3.240.2700.290.1400.1                    | 200                                     | 47                                                       | 92            | 2700                                        | 1400                                             | 65                                                                                 | 15                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 290 | 1596 |  |  |
| ZL 200.3.240.2700.290.1600.1                    | 200                                     | 47                                                       | 92            | 2700                                        | 1600                                             | 65                                                                                 | 15                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 290 | 1796 |  |  |
| ZL 200.3.240.2700.400.1400.1                    | 200                                     | 47                                                       | 92            | 2700                                        | 1400                                             | 65                                                                                 | 18,6                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 1706 |  |  |
| ZL 200.3.240.2700.400.1600.1                    | 200                                     | 47                                                       | 92            | 2700                                        | 1600                                             | 65                                                                                 | 18,6                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 1906 |  |  |
| ZL 200.3.240.2900.290.2000.1                    | 200                                     | 47                                                       | 92            | 2900                                        | 2000                                             | 65                                                                                 | 15                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 290 | 2196 |  |  |
| ZL 200.3.240.2900.400.1600.1                    | 200                                     | 47                                                       | 92            | 2900                                        | 1600                                             | 65                                                                                 | 20                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 1906 |  |  |
| ZL 200.3.240.3200.400.1600.1                    | 200                                     | 47                                                       | 92            | 3200                                        | 1600                                             | 65                                                                                 | 22,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 1906 |  |  |
| ZL 200.3.240.3200.400.2000.1                    | 200                                     | 47                                                       | 92            | 3200                                        | 2000                                             | 65                                                                                 | 22,1                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 2306 |  |  |
| ZL 200.3.240.3400.290.2500.1                    | 200                                     | 47                                                       | 92            | 3400                                        | 2500                                             | 65                                                                                 | 15                                       | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 290 | 2696 |  |  |
| ZL 200.3.240.3600.400.2500.1                    | 200                                     | 47                                                       | 92            | 3600                                        | 2500                                             | 65                                                                                 | 24,8                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 2806 |  |  |
| ZL 200.3.240.3800.400.2000.1                    | 200                                     | 47                                                       | 92            | 3800                                        | 2000                                             | 65                                                                                 | 24,9                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 2306 |  |  |
| ZL 200.3.240.3800.400.2500.1                    | 200                                     | 47                                                       | 92            | 3800                                        | 2500                                             | 65                                                                                 | 24,9                                     | 105                                | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 400 | 2806 |  |  |
| ZL 280.3.300.2700.290.1400.0                    | 280                                     | 47                                                       | 97            | 2700                                        | 1400                                             | 100                                                                                | 12                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 290 | 1596 |  |  |
| ZL 280.3.300.2700.290.1600.0                    | 280                                     | 47                                                       | 97            | 2700                                        | 1600                                             | 100                                                                                | 12                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 290 | 1796 |  |  |
| ZL 280.3.300.2700.400.1400.0                    | 280                                     | 47                                                       | 97            | 2700                                        | 1400                                             | 100                                                                                | 18,6                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 1706 |  |  |
| ZL 280.3.300.2800.400.1600.0                    | 280                                     | 47                                                       | 97            | 2800                                        | 1600                                             | 100                                                                                | 19,3                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 1906 |  |  |
| ZL 280.3.300.2900.290.2000.0                    | 280                                     | 47                                                       | 97            | 2900                                        | 2000                                             | 100                                                                                | 12                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 290 | 2196 |  |  |
| ZL 280.3.300.3200.400.1600.0                    | 280                                     | 47                                                       | 97            | 3200                                        | 1600                                             | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 1906 |  |  |
| ZL 280.3.300.3200.400.2000.0                    | 280                                     | 47                                                       | 97            | 3200                                        | 2000                                             | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 2306 |  |  |
| ZL 280.3.300.3400.290.2500.0                    | 280                                     | 47                                                       | 97            | 3400                                        | 2500                                             | 100                                                                                | 12                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 290 | 2696 |  |  |
| ZL 280.3.300.3700.400.2500.0                    | 280                                     | 47                                                       | 97            | 3700                                        | 2500                                             | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 2806 |  |  |
| ZL 280.3.300.3900.500.2000.0                    | 280                                     | 47                                                       | 97            | 3900                                        | 2000                                             | 100                                                                                | 26,9                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 2406 |  |  |
| ZL 280.3.300.3900.500.2500.0                    | 280                                     | 47                                                       | 97            | 3900                                        | 2500                                             | 100                                                                                | 26,9                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 2906 |  |  |
| ZL 280.3.300.4200.400.3000.0                    | 280                                     | 47                                                       | 97            | 4200                                        | 3000                                             | 100                                                                                | 22,1                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 400 | 3306 |  |  |
| ZL 280.3.300.4200.500.2500.0                    | 280                                     | 47                                                       | 97            | 4200                                        | 2500                                             | 100                                                                                | 29                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 2906 |  |  |
| ZL 280.3.300.4400.500.3000.0                    | 280                                     | 47                                                       | 97            | 4400                                        | 3000                                             | 100                                                                                | 30,4                                     | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 3406 |  |  |
| ZL 280.3.300.4600.500.2500.0                    | 280                                     | 47                                                       | 97            | 4600                                        | 2500                                             | 100                                                                                | 31                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 2906 |  |  |
| ZL 280.3.300.4900.500.3500.0                    | 280                                     | 47                                                       | 97            | 4900                                        | 3500                                             | 100                                                                                | 31                                       | 120                                | 125 | 300 | 340 | 160 | 7  | 35 | 207 | 500 | 3906 |  |  |
| ZL 350.3.350.2900.400.1600.0                    | 350                                     | 57                                                       | 97            | 2900                                        | 1600                                             | 160                                                                                | 20                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 400 | 1906 |  |  |
| ZL 350.3.350.3200.500.1600.0                    | 350                                     | 57                                                       | 97            | 3200                                        | 1600                                             | 160                                                                                | 22,1                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 2006 |  |  |
| ZL 350.3.350.3300.400.2000.0                    | 350                                     | 57                                                       | 97            | 3300                                        | 2000                                             | 160                                                                                | 20                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 400 | 2306 |  |  |
| ZL 350.3.350.3500.500.2000.0                    | 350                                     | 57                                                       | 97            | 3500                                        | 2000                                             | 160                                                                                | 24,1                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 2406 |  |  |
| ZL 350.3.350.3800.400.2500.0                    | 350                                     | 57                                                       | 97            | 3800                                        | 2500                                             | 160                                                                                | 20                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 400 | 2806 |  |  |
| ZL 350.3.350.3900.500.2000.0                    | 350                                     | 57                                                       | 97            | 3900                                        | 2000                                             | 160                                                                                | 26,9                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 2406 |  |  |
| ZL 350.3.350.4000.500.2500.0                    | 350                                     | 57                                                       | 97            | 4000                                        | 2500                                             | 160                                                                                | 27,6                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 2906 |  |  |
| ZL 350.3.350.4200.500.2500.0                    | 350                                     | 57                                                       | 97            | 4200                                        | 2500                                             | 160                                                                                | 29                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 2906 |  |  |
| ZL 350.3.350.4300.400.3000.0                    | 350                                     | 57                                                       | 97            | 4300                                        | 3000                                             | 160                                                                                | 20                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 400 | 3306 |  |  |
| ZL 350.3.350.4500.500.3000.0                    | 350                                     | 57                                                       | 97            | 4500                                        | 3000                                             | 160                                                                                | 29                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 3406 |  |  |
| ZL 350.3.350.4600.600.2500.0                    | 350                                     | 57                                                       | 97            | 4600                                        | 2500                                             | 160                                                                                | 31,7                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 600 | 3006 |  |  |
| ZL 350.3.350.5000.500.3500.0                    | 350                                     | 57                                                       | 97            | 5000                                        | 3500                                             | 160                                                                                | 29                                       | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 500 | 3906 |  |  |
| ZL 350.3.350.5100.600.3000.0                    | 350                                     | 57                                                       | 97            | 5100                                        | 3000                                             | 160                                                                                | 35,2                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 600 | 3506 |  |  |
| ZL 350.3.350.5200.600.3500.0                    | 350                                     | 57                                                       | 97            | 5200                                        | 3500                                             | 160                                                                                | 35,9                                     | 120                                | 124 | 350 | 395 | 160 | 10 | 40 | 255 | 600 | 4006 |  |  |

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

| Fahrwerke für Serien-Zweiträgerkrane            |                                              |                                                          |               |                                             |                                                  |                                                                                    | (ausgelegt nach DIN 15018 H2/B3)         |                    |     |     |     |     |    |    |     |     |      |  |  |
|-------------------------------------------------|----------------------------------------------|----------------------------------------------------------|---------------|---------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------|--------------------|-----|-----|-----|-----|----|----|-----|-----|------|--|--|
| End carriages for standard double girder cranes |                                              |                                                          |               |                                             |                                                  |                                                                                    | (designed acc. to DIN 15018 H2/B3)       |                    |     |     |     |     |    |    |     |     |      |  |  |
| Typ<br>Type                                     | Lauf-<br>rad<br>Ø<br>Wheel<br>dia.<br><br>mm | Ausdrehung der<br>Laufräder<br>Groove width<br>of wheels |               | Radstand<br>Wheel<br>spacing<br><br>R<br>mm | Katzspur<br>Trolley<br>track<br>width<br>K<br>mm | Radlast <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max.<br>kN/Rad<br>kN/wheel | Spann-<br>weite<br>Span<br>max.<br><br>m | Maße<br>Dimensions |     |     |     |     |    |    |     |     |      |  |  |
|                                                 |                                              | AD min.<br>mm                                            | AD max.<br>mm |                                             |                                                  |                                                                                    |                                          | mm                 |     |     |     |     |    |    |     |     |      |  |  |
|                                                 |                                              |                                                          |               |                                             |                                                  |                                                                                    |                                          | B1                 | B2  | C   | H1  | H2  | H3 | H4 | L   | M1  | M2   |  |  |
| ZL 420.3.400.3000.460.1600.1                    | 420                                          | 62                                                       | 97            | 3000                                        | 1600                                             | 240                                                                                | 16,5                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 460 | 1906 |  |  |
| ZL 420.3.400.3200.560.1600.1                    | 420                                          | 62                                                       | 97            | 3200                                        | 1600                                             | 240                                                                                | 22,1                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 2006 |  |  |
| ZL 420.3.400.3400.460.2000.1                    | 420                                          | 62                                                       | 97            | 3400                                        | 2000                                             | 240                                                                                | 16,5                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 460 | 2306 |  |  |
| ZL 420.3.400.3600.560.2000.1                    | 420                                          | 62                                                       | 97            | 3600                                        | 2000                                             | 240                                                                                | 24,8                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 2406 |  |  |
| ZL 420.3.400.3900.460.2500.1                    | 420                                          | 62                                                       | 97            | 3900                                        | 2500                                             | 240                                                                                | 16,5                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 460 | 2806 |  |  |
| ZL 420.3.400.3900.560.2000.1                    | 420                                          | 62                                                       | 97            | 3900                                        | 2000                                             | 240                                                                                | 26,9                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 2406 |  |  |
| ZL 420.3.400.4100.560.2500.1                    | 420                                          | 62                                                       | 97            | 4100                                        | 2500                                             | 240                                                                                | 26,9                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 2906 |  |  |
| ZL 420.3.400.4300.660.2500.1                    | 420                                          | 62                                                       | 97            | 4300                                        | 2500                                             | 240                                                                                | 29,7                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 660 | 3006 |  |  |
| ZL 420.3.400.4400.460.3000.1                    | 420                                          | 62                                                       | 97            | 4400                                        | 3000                                             | 240                                                                                | 16,5                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 460 | 3306 |  |  |
| ZL 420.3.400.4600.560.3000.1                    | 420                                          | 62                                                       | 97            | 4600                                        | 3000                                             | 240                                                                                | 26,9                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 3406 |  |  |
| ZL 420.3.400.4600.660.2500.1                    | 420                                          | 62                                                       | 97            | 4600                                        | 2500                                             | 240                                                                                | 31,7                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 660 | 3006 |  |  |
| ZL 420.3.400.5100.560.3500.1                    | 420                                          | 62                                                       | 97            | 5100                                        | 3500                                             | 240                                                                                | 26,9                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 560 | 3906 |  |  |
| ZL 420.3.400.5100.660.3000.1                    | 420                                          | 62                                                       | 97            | 5100                                        | 3000                                             | 240                                                                                | 35,2                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 660 | 3506 |  |  |
| ZL 420.3.400.5300.660.3500.1                    | 420                                          | 62                                                       | 97            | 5300                                        | 3500                                             | 240                                                                                | 35,2                                     | 130                | 134 | 400 | 450 | 160 | 10 | 40 | 295 | 660 | 4006 |  |  |
| ZL 500.3.560.3200.500.1600.1                    | 500                                          | 62                                                       | 92            | 3200                                        | 1600                                             | 350                                                                                | 22,1                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 500 | 2008 |  |  |
| ZL 500.3.560.3600.500.2000.1                    | 500                                          | 62                                                       | 92            | 3600                                        | 2000                                             | 350                                                                                | 22,8                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 500 | 2408 |  |  |
| ZL 500.3.560.3800.600.2000.1                    | 500                                          | 62                                                       | 92            | 3800                                        | 2000                                             | 350                                                                                | 26,2                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 600 | 2508 |  |  |
| ZL 500.3.560.4100.500.2500.1                    | 500                                          | 62                                                       | 92            | 4100                                        | 2500                                             | 350                                                                                | 22,8                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 500 | 2908 |  |  |
| ZL 500.3.560.4300.600.2500.1                    | 500                                          | 62                                                       | 92            | 4300                                        | 2500                                             | 350                                                                                | 29,7                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 600 | 3008 |  |  |
| ZL 500.3.560.4600.500.3000.1                    | 500                                          | 62                                                       | 92            | 4600                                        | 3000                                             | 350                                                                                | 22,8                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 500 | 3408 |  |  |
| ZL 500.3.560.4600.600.2500.1                    | 500                                          | 62                                                       | 92            | 4600                                        | 2500                                             | 350                                                                                | 31,7                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 600 | 3008 |  |  |
| ZL 500.3.560.4700.700.2500.1                    | 500                                          | 62                                                       | 92            | 4700                                        | 2500                                             | 350                                                                                | 32                                       | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 700 | 3108 |  |  |
| ZL 500.3.560.5100.600.3000.1                    | 500                                          | 62                                                       | 92            | 5100                                        | 3000                                             | 350                                                                                | 31,8                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 600 | 3508 |  |  |
| ZL 500.3.560.5200.700.3000.1                    | 500                                          | 62                                                       | 92            | 5200                                        | 3000                                             | 350                                                                                | 35,9                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 700 | 3608 |  |  |
| ZL 500.3.560.5300.600.3500.1                    | 500                                          | 62                                                       | 92            | 5300                                        | 3500                                             | 350                                                                                | 31,8                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 600 | 4008 |  |  |
| ZL 500.3.560.5500.700.3500.1                    | 500                                          | 62                                                       | 92            | 5500                                        | 3500                                             | 350                                                                                | 38                                       | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 700 | 4108 |  |  |
| ZL 500.3.560.6000.700.4000.1                    | 500                                          | 62                                                       | 92            | 6000                                        | 4000                                             | 350                                                                                | 41,4                                     | 140                | 210 | 560 | 620 | 160 | 15 | 30 | 305 | 700 | 4608 |  |  |

#### Reduzierte Ausstattung

- Ohne Antriebe
- Ohne Hauptträgeranschlussplatten und Schrauben

#### Zusatzausstattungen

- 4-Rad-Antriebe (2 Antriebe je Fahrwerk auf Anfrage)
- Fahrwerke mit Führungsrollen/Entgleisungsschutz auf Anfrage

#### Reduced equipment

- Without gear motors
- Without main girder connection plates and screws

#### Options

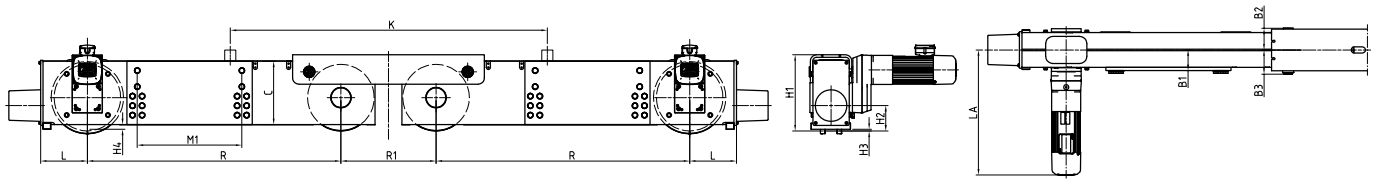
- 4 Wheel drive (2 drives per travelling gear on request)
- End carriages with guide rollers/derailment protection on request

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

# ABUS Fahrwerke für Zweiträgerkrane

## ABUS end carriages for double girder cranes



| Fahrwerke für Serien-Zweiträgerkrane, 8-Rad-Fahrwerk                     |                                 |                                                          |                  |                                   |                                                                 |                                            | (ausgelegt nach DIN 15018 H2/B3)                                  |                                 |                          |     |     |                         |     |     |     |    |    |   |     |     |    |    |    |   |    |
|--------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|------------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------|---------------------------------|--------------------------|-----|-----|-------------------------|-----|-----|-----|----|----|---|-----|-----|----|----|----|---|----|
| End carriages for standard double girder cranes, 8 wheel travelling gear |                                 |                                                          |                  |                                   |                                                                 |                                            | (designed acc. to DIN 15018 H2/B3)                                |                                 |                          |     |     |                         |     |     |     |    |    |   |     |     |    |    |    |   |    |
| Typ<br>Type                                                              | Lauf-<br>rad Ø<br>Wheel<br>dia. | Ausdehnung der<br>Laufräder<br>Groove width<br>of wheels |                  | Rad-<br>stand<br>Wheel<br>spacing | Radstand<br>zwischen<br>den FWT<br>Wheel spacing<br>between FWT | Katz-<br>spur<br>Trolley<br>track<br>width | Rad-<br>last <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max. | Spann-<br>weite<br>Span<br>max. | Maße<br>Dimensions<br>mm |     |     |                         |     |     |     |    |    |   |     |     |    |    |    |   |    |
|                                                                          |                                 | AD<br>min.<br>mm                                         | AD<br>max.<br>mm |                                   |                                                                 |                                            |                                                                   |                                 | R                        | R1  | K   | kN/Rad<br>kN /<br>wheel |     | B1  | B2  | B3 | B4 | C | H1  | H2  | H3 | H4 | H5 | L | M1 |
|                                                                          |                                 |                                                          |                  |                                   |                                                                 |                                            |                                                                   |                                 |                          |     |     |                         |     |     |     |    |    |   |     |     |    |    |    |   |    |
| ZL8N 200.3.240.1150.460.1400.1                                           | 200                             | 47                                                       | 92               | 1150                              | 300                                                             | 1400                                       | 60                                                                | 17,9                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 460 |    |    |    |   |    |
| ZL8N 200.3.240.1200.460.1600.1                                           | 200                             | 47                                                       | 92               | 1200                              | 400                                                             | 1600                                       | 60                                                                | 19,3                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 460 |    |    |    |   |    |
| ZL8N 200.3.240.1200.460.2000.1                                           | 200                             | 47                                                       | 92               | 1200                              | 800                                                             | 2000                                       | 60                                                                | 22,1                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 460 |    |    |    |   |    |
| ZL8N 200.3.240.1200.460.2500.1                                           | 200                             | 47                                                       | 92               | 1200                              | 1300                                                            | 2500                                       | 60                                                                | 25,5                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 460 |    |    |    |   |    |
| ZL8N 200.3.240.1200.460.3000.1                                           | 200                             | 47                                                       | 92               | 1200                              | 1800                                                            | 3000                                       | 60                                                                | 29                              | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 460 |    |    |    |   |    |
| ZL8N 200.3.240.1250.560.1400.1                                           | 200                             | 47                                                       | 92               | 1250                              | 300                                                             | 1400                                       | 60                                                                | 19,3                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 560 |    |    |    |   |    |
| ZL8N 200.3.240.1350.560.1600.1                                           | 200                             | 47                                                       | 92               | 1350                              | 300                                                             | 1600                                       | 60                                                                | 20,7                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 560 |    |    |    |   |    |
| ZL8N 200.3.240.1350.560.2000.1                                           | 200                             | 47                                                       | 92               | 1350                              | 700                                                             | 2000                                       | 60                                                                | 23,4                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 560 |    |    |    |   |    |
| ZL8N 200.3.240.1350.560.2500.1                                           | 200                             | 47                                                       | 92               | 1350                              | 1200                                                            | 2500                                       | 60                                                                | 26,9                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 560 |    |    |    |   |    |
| ZL8N 200.3.240.1350.560.3000.1                                           | 200                             | 47                                                       | 92               | 1350                              | 1700                                                            | 3000                                       | 60                                                                | 30,4                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 560 |    |    |    |   |    |
| ZL8N 200.3.240.1450.660.2000.1                                           | 200                             | 47                                                       | 92               | 1450                              | 700                                                             | 2000                                       | 60                                                                | 24,8                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 660 |    |    |    |   |    |
| ZL8N 200.3.240.1450.660.2500.1                                           | 200                             | 47                                                       | 92               | 1450                              | 1200                                                            | 2500                                       | 60                                                                | 28,3                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 660 |    |    |    |   |    |
| ZL8N 200.3.240.1450.660.3000.1                                           | 200                             | 47                                                       | 92               | 1450                              | 1700                                                            | 3000                                       | 60                                                                | 31,7                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 660 |    |    |    |   |    |
| ZL8N 200.3.240.1450.660.3500.1                                           | 200                             | 47                                                       | 92               | 1450                              | 2200                                                            | 3500                                       | 60                                                                | 35,2                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 660 |    |    |    |   |    |
| ZL8N 200.3.240.1450.660.4000.1                                           | 200                             | 47                                                       | 92               | 1450                              | 2700                                                            | 4000                                       | 60                                                                | 38,6                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 660 |    |    |    |   |    |
| ZL8N 200.3.240.1500.760.3000.1                                           | 200                             | 47                                                       | 92               | 1500                              | 1800                                                            | 3000                                       | 60                                                                | 33,1                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 760 |    |    |    |   |    |
| ZL8N 200.3.240.1500.760.3500.1                                           | 200                             | 47                                                       | 92               | 1500                              | 2300                                                            | 3500                                       | 60                                                                | 36,6                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 760 |    |    |    |   |    |
| ZL8N 200.3.240.1900.760.4000.1                                           | 200                             | 47                                                       | 92               | 1900                              | 2400                                                            | 4000                                       | 60                                                                | 42,8                            | 105                      | 105 | 117 | -                       | 240 | 295 | 160 | 25 | 30 | - | 167 | 760 |    |    |    |   |    |
| ZL8N 280.3.300.1150.460.1400.1                                           | 280                             | 47                                                       | 97               | 1150                              | 400                                                             | 1400                                       | 80                                                                | 18,6                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 460 |    |    |    |   |    |
| ZL8N 280.3.300.1250.460.1600.1                                           | 280                             | 47                                                       | 97               | 1250                              | 400                                                             | 1600                                       | 80                                                                | 20                              | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 460 |    |    |    |   |    |
| ZL8N 280.3.300.1300.460.2000.1                                           | 280                             | 47                                                       | 97               | 1300                              | 700                                                             | 2000                                       | 80                                                                | 22,8                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 460 |    |    |    |   |    |
| ZL8N 280.3.300.1300.460.2500.1                                           | 280                             | 47                                                       | 97               | 1300                              | 1200                                                            | 2500                                       | 80                                                                | 26,2                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 460 |    |    |    |   |    |
| ZL8N 280.3.300.1300.460.3000.1                                           | 280                             | 47                                                       | 97               | 1300                              | 1700                                                            | 3000                                       | 80                                                                | 29,7                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 460 |    |    |    |   |    |
| ZL8N 280.3.300.1250.560.1400.1                                           | 280                             | 47                                                       | 97               | 1250                              | 400                                                             | 1400                                       | 80                                                                | 20                              | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 560 |    |    |    |   |    |
| ZL8N 280.3.300.1350.560.1600.1                                           | 280                             | 47                                                       | 97               | 1350                              | 400                                                             | 1600                                       | 80                                                                | 21,4                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 560 |    |    |    |   |    |
| ZL8N 280.3.300.1450.560.2000.1                                           | 280                             | 47                                                       | 97               | 1450                              | 600                                                             | 2000                                       | 80                                                                | 24,1                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 560 |    |    |    |   |    |
| ZL8N 280.3.300.1450.560.2500.1                                           | 280                             | 47                                                       | 97               | 1450                              | 1100                                                            | 2500                                       | 80                                                                | 27,6                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 560 |    |    |    |   |    |
| ZL8N 280.3.300.1450.560.3000.1                                           | 280                             | 47                                                       | 97               | 1450                              | 1600                                                            | 3000                                       | 80                                                                | 31                              | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 560 |    |    |    |   |    |
| ZL8N 280.3.300.1600.660.2000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 500                                                             | 2000                                       | 80                                                                | 25,5                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 660 |    |    |    |   |    |
| ZL8N 280.3.300.1600.660.2500.1                                           | 280                             | 47                                                       | 97               | 1600                              | 1000                                                            | 2500                                       | 80                                                                | 29                              | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 660 |    |    |    |   |    |
| ZL8N 280.3.300.1600.660.3000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 1500                                                            | 3000                                       | 80                                                                | 32,4                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 660 |    |    |    |   |    |
| ZL8N 280.3.300.1600.660.3500.1                                           | 280                             | 47                                                       | 97               | 1600                              | 2000                                                            | 3500                                       | 80                                                                | 35,9                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 660 |    |    |    |   |    |
| ZL8N 280.3.300.1600.660.4000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 2500                                                            | 4000                                       | 80                                                                | 39,3                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 660 |    |    |    |   |    |
| ZL8N 280.3.300.1650.760.2500.1                                           | 280                             | 47                                                       | 97               | 1650                              | 1100                                                            | 2500                                       | 80                                                                | 30,4                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 760 |    |    |    |   |    |
| ZL8N 280.3.300.1650.760.3000.1                                           | 280                             | 47                                                       | 97               | 1650                              | 1600                                                            | 3000                                       | 80                                                                | 33,8                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 760 |    |    |    |   |    |
| ZL8N 280.3.300.1650.760.3500.1                                           | 280                             | 47                                                       | 97               | 1650                              | 2100                                                            | 3500                                       | 80                                                                | 37,3                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 760 |    |    |    |   |    |
| ZL8N 280.3.300.1950.760.4000.1                                           | 280                             | 47                                                       | 97               | 1950                              | 2300                                                            | 4000                                       | 80                                                                | 42,8                            | 120                      | 125 | 140 | -                       | 300 | 362 | 160 | 7  | 35 | - | 207 | 760 |    |    |    |   |    |
| ZL8H 280.3.350.1150.460.1400.1                                           | 280                             | 47                                                       | 97               | 1150                              | 400                                                             | 1400                                       | 100                                                               | 18,6                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 460 |    |    |    |   |    |
| ZL8H 280.3.350.1250.460.1600.1                                           | 280                             | 47                                                       | 97               | 1250                              | 400                                                             | 1600                                       | 100                                                               | 20                              | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 460 |    |    |    |   |    |
| ZL8H 280.3.350.1300.460.2000.1                                           | 280                             | 47                                                       | 97               | 1300                              | 700                                                             | 2000                                       | 100                                                               | 22,8                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 460 |    |    |    |   |    |
| ZL8H 280.3.350.1300.460.2500.1                                           | 280                             | 47                                                       | 97               | 1300                              | 1200                                                            | 2500                                       | 100                                                               | 26,2                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 460 |    |    |    |   |    |
| ZL8H 280.3.350.1300.460.3000.1                                           | 280                             | 47                                                       | 97               | 1300                              | 1700                                                            | 3000                                       | 100                                                               | 29,7                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 460 |    |    |    |   |    |
| ZL8H 280.3.350.1250.560.1400.1                                           | 280                             | 47                                                       | 97               | 1250                              | 400                                                             | 1400                                       | 100                                                               | 20                              | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 560 |    |    |    |   |    |
| ZL8H 280.3.350.1350.560.1600.1                                           | 280                             | 47                                                       | 97               | 1350                              | 400                                                             | 1600                                       | 100                                                               | 21,4                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 560 |    |    |    |   |    |
| ZL8H 280.3.350.1450.560.2000.1                                           | 280                             | 47                                                       | 97               | 1450                              | 600                                                             | 2000                                       | 100                                                               | 24,1                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 560 |    |    |    |   |    |
| ZL8H 280.3.350.1450.560.2500.1                                           | 280                             | 47                                                       | 97               | 1450                              | 1100                                                            | 2500                                       | 100                                                               | 27,6                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 560 |    |    |    |   |    |
| ZL8H 280.3.350.1450.560.3000.1                                           | 280                             | 47                                                       | 97               | 1450                              | 1600                                                            | 3000                                       | 100                                                               | 31                              | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 560 |    |    |    |   |    |
| ZL8H 280.3.350.1600.660.2000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 500                                                             | 2000                                       | 100                                                               | 25,5                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 660 |    |    |    |   |    |
| ZL8H 280.3.350.1600.660.2500.1                                           | 280                             | 47                                                       | 97               | 1600                              | 1000                                                            | 2500                                       | 100                                                               | 29                              | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 660 |    |    |    |   |    |
| ZL8H 280.3.350.1600.660.3000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 1500                                                            | 3000                                       | 100                                                               | 32,4                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 660 |    |    |    |   |    |
| ZL8H 280.3.350.1600.660.3500.1                                           | 280                             | 47                                                       | 97               | 1600                              | 2000                                                            | 3500                                       | 100                                                               | 35,9                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 660 |    |    |    |   |    |
| ZL8H 280.3.350.1600.660.4000.1                                           | 280                             | 47                                                       | 97               | 1600                              | 2500                                                            | 4000                                       | 100                                                               | 39,3                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 660 |    |    |    |   |    |
| ZL8H 280.3.350.1650.760.2500.1                                           | 280                             | 47                                                       | 97               | 1650                              | 1100                                                            | 2500                                       | 100                                                               | 30,4                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 760 |    |    |    |   |    |
| ZL8H 280.3.350.1650.760.3000.1                                           | 280                             | 47                                                       | 97               | 1650                              | 1600                                                            | 3000                                       | 100                                                               | 33,8                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 760 |    |    |    |   |    |
| ZL8H 280.3.350.1650.760.3500.1                                           | 280                             | 47                                                       | 97               | 1650                              | 2100                                                            | 3500                                       | 100                                                               | 37,3                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 760 |    |    |    |   |    |
| ZL8H 280.3.350.1950.760.4000.1                                           | 280                             | 47                                                       | 97               | 1950                              | 2300                                                            | 4000                                       | 100                                                               | 42,8                            | 120                      | 125 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 225 | 760 |    |    |    |   |    |

| Fahrwerke für Serien-Zweiträgerkrane, 8-Rad-Fahrwerk<br>End carriages for standard double girder cranes, 8 wheel travelling gear |                                 |                                                          |                  |                                   |                                                                 |                                            | (ausgelegt nach DIN 15018 H2/B3)<br>(designed acc. to DIN 15018 H2/B3) |                                 |                          |     |     |                         |     |     |     |    |    |   |     |     |    |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|------------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------|---------------------------------|--------------------------|-----|-----|-------------------------|-----|-----|-----|----|----|---|-----|-----|----|
| Typ<br>Type                                                                                                                      | Lauf-<br>rad Ø<br>Wheel<br>dia. | Ausdrehung der<br>Laufräder<br>Groove width<br>of wheels |                  | Rad-<br>stand<br>Wheel<br>spacing | Radstand<br>zwischen<br>den FWT<br>Wheel spacing<br>between FWT | Katz-<br>spur<br>Trolley<br>track<br>width | Rad-<br>last <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max.      | Spann-<br>weite<br>Span<br>max. | Maße<br>Dimensions<br>mm |     |     |                         |     |     |     |    |    |   |     |     |    |
|                                                                                                                                  |                                 | AD<br>min.<br>mm                                         | AD<br>max.<br>mm |                                   |                                                                 |                                            |                                                                        |                                 | R                        | R1  | K   | kN/Rad<br>kN /<br>wheel | m   | B1  | B2  | B3 | B4 | C | H1  | H2  | H3 |
| ZL8N 350.3.350.1400.560.1600.1                                                                                                   | 350                             | 57                                                       | 97               | 1400                              | 400                                                             | 1600                                       | 120                                                                    | 22,1                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 560 |    |
| ZL8N 350.3.350.1600.560.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 400                                                             | 2000                                       | 120                                                                    | 24,8                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 560 |    |
| ZL8N 350.3.350.1600.560.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 900                                                             | 2500                                       | 120                                                                    | 28,3                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 560 |    |
| ZL8N 350.3.350.1600.560.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 1400                                                            | 3000                                       | 120                                                                    | 31,7                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 560 |    |
| ZL8N 350.3.350.1500.660.1600.1                                                                                                   | 350                             | 57                                                       | 97               | 1500                              | 400                                                             | 1600                                       | 120                                                                    | 23,4                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 660 |    |
| ZL8N 350.3.350.1700.660.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1700                              | 400                                                             | 2000                                       | 120                                                                    | 26,2                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 660 |    |
| ZL8N 350.3.350.1750.660.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 800                                                             | 2500                                       | 120                                                                    | 29,7                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 660 |    |
| ZL8N 350.3.350.1750.660.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 1300                                                            | 3000                                       | 120                                                                    | 33,1                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 660 |    |
| ZL8N 350.3.350.1750.660.3500.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 1800                                                            | 3500                                       | 120                                                                    | 36,6                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 660 |    |
| ZL8N 350.3.350.1800.760.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1800                              | 400                                                             | 2000                                       | 120                                                                    | 27,6                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 760 |    |
| ZL8N 350.3.350.1850.760.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 800                                                             | 2500                                       | 120                                                                    | 31                              | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 760 |    |
| ZL8N 350.3.350.1850.760.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 1300                                                            | 3000                                       | 120                                                                    | 34,5                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 760 |    |
| ZL8N 350.3.350.1850.760.3500.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 1800                                                            | 3500                                       | 120                                                                    | 38                              | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 760 |    |
| ZL8N 350.3.350.2000.760.4000.1                                                                                                   | 350                             | 57                                                       | 97               | 2000                              | 2150                                                            | 4000                                       | 120                                                                    | 42,4                            | 120                      | 124 | 140 | -                       | 350 | 417 | 160 | 10 | 40 | - | 255 | 760 |    |
| ZL8N 420.3.400.1350.560.1600.1                                                                                                   | 420                             | 62                                                       | 97               | 1350                              | 500                                                             | 1600                                       | 140                                                                    | 22,1                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 560 |    |
| ZL8N 420.3.400.1550.560.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1550                              | 500                                                             | 2000                                       | 140                                                                    | 24,8                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 560 |    |
| ZL8N 420.3.400.1600.560.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 900                                                             | 2500                                       | 140                                                                    | 28,3                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 560 |    |
| ZL8N 420.3.400.1600.560.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 1400                                                            | 3000                                       | 140                                                                    | 31,7                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 560 |    |
| ZL8N 420.3.400.1600.660.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 600                                                             | 2000                                       | 140                                                                    | 26,2                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 660 |    |
| ZL8N 420.3.400.1750.660.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 800                                                             | 2500                                       | 140                                                                    | 29,7                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 660 |    |
| ZL8N 420.3.400.1750.660.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 1300                                                            | 3000                                       | 140                                                                    | 33,1                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 660 |    |
| ZL8N 420.3.400.1750.660.3500.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 1800                                                            | 3500                                       | 140                                                                    | 36,6                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 660 |    |
| ZL8N 420.3.400.1750.760.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 500                                                             | 2000                                       | 140                                                                    | 27,6                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 760 |    |
| ZL8N 420.3.400.1950.760.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 600                                                             | 2500                                       | 140                                                                    | 31                              | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 760 |    |
| ZL8N 420.3.400.1950.760.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 1100                                                            | 3000                                       | 140                                                                    | 34,5                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 760 |    |
| ZL8N 420.3.400.1950.760.3500.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 1600                                                            | 3500                                       | 140                                                                    | 38                              | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 760 |    |
| ZL8N 420.3.400.1950.760.4000.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 2100                                                            | 4000                                       | 140                                                                    | 41,4                            | 130                      | 137 | 153 | -                       | 400 | 480 | 160 | 10 | 40 | - | 295 | 760 |    |

#### Reduzierte Ausstattung

- Ohne Antriebe
- Ohne Hauptträgeranschlussplatten und Schrauben

#### Zusatzausstattungen

- Fahrwerke mit Führungsrollen/Entgleisungsschutz auf Anfrage

#### Reduced equipment

- Without gear motors
- Without main girder connection plates and screws

#### Options

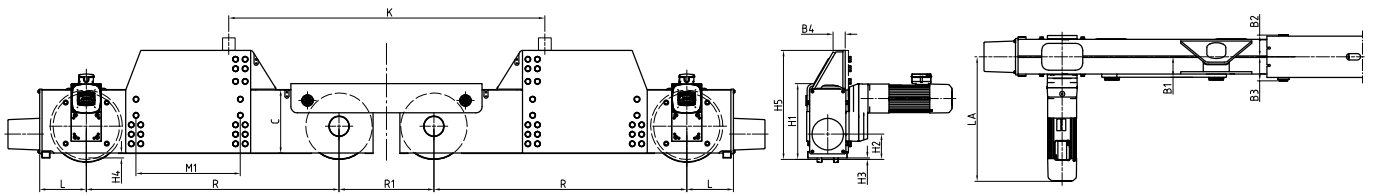
- End carriages with guide rollers/derailment protection on request

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

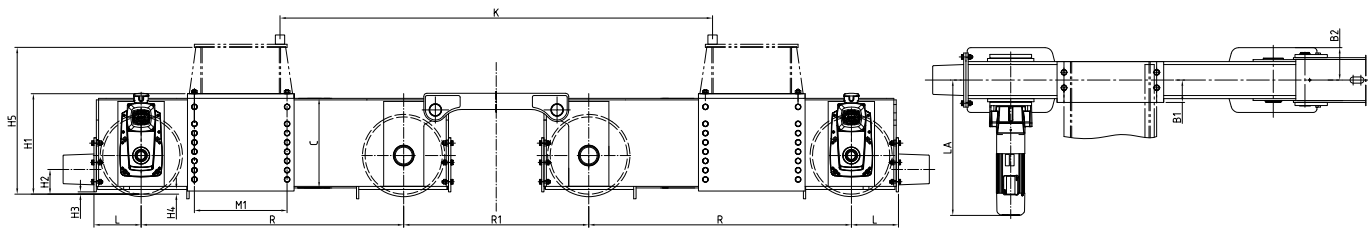
1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

# ABUS Fahrwerke für Zweiträgerkrane

## ABUS end carriages for double girder cranes



| Fahrwerke für Serien-Zweiträgerkrane, 8-Rad-Fahrwerk<br>End carriages for standard double girder cranes, 8 wheel travelling gear |                                 |                                                          |                  |                                   |                                                                 |                                            | (ausgelegt nach DIN 15018 H2/B3)<br>(designed acc. to DIN 15018 H2/B3) |                                 |                          |     |     |                         |     |     |     |    |    |     |     |     |    |    |    |   |    |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|------------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------|---------------------------------|--------------------------|-----|-----|-------------------------|-----|-----|-----|----|----|-----|-----|-----|----|----|----|---|----|
| Typ<br>Type                                                                                                                      | Lauf-<br>rad Ø<br>Wheel<br>dia. | Ausdehnung der<br>Laufräder<br>Groove width<br>of wheels |                  | Rad-<br>stand<br>Wheel<br>spacing | Radstand<br>zwischen<br>den FWT<br>Wheel spacing<br>between FWT | Katz-<br>spur<br>Trolley<br>track<br>width | Rad-<br>last <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max.      | Spann-<br>weite<br>Span<br>max. | Maße<br>Dimensions<br>mm |     |     |                         |     |     |     |    |    |     |     |     |    |    |    |   |    |
|                                                                                                                                  |                                 | AD<br>min.<br>mm                                         | AD<br>max.<br>mm |                                   |                                                                 |                                            |                                                                        |                                 | R                        | R1  | K   | kN/Rad<br>kN /<br>wheel | m   | B1  | B2  | B3 | B4 | C   | H1  | H2  | H3 | H4 | H5 | L | M1 |
|                                                                                                                                  |                                 |                                                          |                  |                                   |                                                                 |                                            |                                                                        |                                 |                          |     |     |                         |     |     |     |    |    |     |     |     |    |    |    |   |    |
| ZL8H 350.3.350.1400.560.1600.1                                                                                                   | 350                             | 57                                                       | 97               | 1400                              | 400                                                             | 1600                                       | 160                                                                    | 22,1                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 560 |    |    |    |   |    |
| ZL8H 350.3.350.1600.560.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 400                                                             | 2000                                       | 160                                                                    | 24,8                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 560 |    |    |    |   |    |
| ZL8H 350.3.350.1600.560.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 900                                                             | 2500                                       | 160                                                                    | 28,3                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 560 |    |    |    |   |    |
| ZL8H 350.3.350.1600.560.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1600                              | 1400                                                            | 3000                                       | 160                                                                    | 31,7                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 560 |    |    |    |   |    |
| ZL8H 350.3.350.1500.660.1600.1                                                                                                   | 350                             | 57                                                       | 97               | 1500                              | 400                                                             | 1600                                       | 160                                                                    | 23,4                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 660 |    |    |    |   |    |
| ZL8H 350.3.350.1700.660.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1700                              | 400                                                             | 2000                                       | 160                                                                    | 26,2                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 660 |    |    |    |   |    |
| ZL8H 350.3.350.1750.660.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 800                                                             | 2500                                       | 160                                                                    | 29,7                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 660 |    |    |    |   |    |
| ZL8H 350.3.350.1750.660.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 1300                                                            | 3000                                       | 160                                                                    | 33,1                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 660 |    |    |    |   |    |
| ZL8H 350.3.350.1750.660.3500.1                                                                                                   | 350                             | 57                                                       | 97               | 1750                              | 1800                                                            | 3500                                       | 160                                                                    | 36,6                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 660 |    |    |    |   |    |
| ZL8H 350.3.350.1800.760.2000.1                                                                                                   | 350                             | 57                                                       | 97               | 1800                              | 400                                                             | 2000                                       | 160                                                                    | 27,6                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 760 |    |    |    |   |    |
| ZL8H 350.3.350.1850.760.2500.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 800                                                             | 2500                                       | 160                                                                    | 31                              | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 760 |    |    |    |   |    |
| ZL8H 350.3.350.1850.760.3000.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 1300                                                            | 3000                                       | 160                                                                    | 34,5                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 760 |    |    |    |   |    |
| ZL8H 350.3.350.1850.760.3500.1                                                                                                   | 350                             | 57                                                       | 97               | 1850                              | 1800                                                            | 3500                                       | 160                                                                    | 38                              | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 760 |    |    |    |   |    |
| ZL8H 350.3.350.2000.760.4000.1                                                                                                   | 350                             | 57                                                       | 97               | 2000                              | 2150                                                            | 4000                                       | 160                                                                    | 42,4                            | 120                      | 124 | 140 | 62                      | 350 | 417 | 160 | 10 | 40 | 590 | 255 | 760 |    |    |    |   |    |
| ZL8H 420.3.400.1550.560.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1550                              | 500                                                             | 2000                                       | 240                                                                    | 24,8                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 560 |    |    |    |   |    |
| ZL8H 420.3.400.1600.560.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 900                                                             | 2500                                       | 240                                                                    | 28,3                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 560 |    |    |    |   |    |
| ZL8H 420.3.400.1600.560.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 1400                                                            | 3000                                       | 240                                                                    | 31,7                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 560 |    |    |    |   |    |
| ZL8H 420.3.400.1600.660.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1600                              | 600                                                             | 2000                                       | 240                                                                    | 26,2                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 660 |    |    |    |   |    |
| ZL8H 420.3.400.1750.660.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 800                                                             | 2500                                       | 240                                                                    | 29,7                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 660 |    |    |    |   |    |
| ZL8H 420.3.400.1750.660.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 1300                                                            | 3000                                       | 240                                                                    | 33,1                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 660 |    |    |    |   |    |
| ZL8H 420.3.400.1750.660.3500.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 1800                                                            | 3500                                       | 240                                                                    | 36,6                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 660 |    |    |    |   |    |
| ZL8H 420.3.400.1750.760.2000.1                                                                                                   | 420                             | 62                                                       | 97               | 1750                              | 500                                                             | 2000                                       | 240                                                                    | 27,6                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 760 |    |    |    |   |    |
| ZL8H 420.3.400.1950.760.2500.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 600                                                             | 2500                                       | 240                                                                    | 31                              | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 760 |    |    |    |   |    |
| ZL8H 420.3.400.1950.760.3000.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 1100                                                            | 3000                                       | 240                                                                    | 34,5                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 760 |    |    |    |   |    |
| ZL8H 420.3.400.1950.760.3500.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 1600                                                            | 3500                                       | 240                                                                    | 38                              | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 760 |    |    |    |   |    |
| ZL8H 420.3.400.1950.760.4000.1                                                                                                   | 420                             | 62                                                       | 97               | 1950                              | 2100                                                            | 4000                                       | 240                                                                    | 41,4                            | 130                      | 137 | 153 | 76                      | 400 | 480 | 160 | 10 | 40 | 690 | 295 | 760 |    |    |    |   |    |



| Fahrwerke für Serien-Zweitträgerkran, 8-Rad-Fahrwerk<br>End carriages for standard double girder cranes, 8 wheel travelling gear |                                 |                                                          |                  |                                   |                                                                 |                                            |                                                                   | (ausgelegt nach DIN 15018 H2/B3)<br>(designed acc. to DIN 15018 H2/B3) |                          |     |   |                         |     |     |     |    |    |          |     |     |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------|------------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|-----|---|-------------------------|-----|-----|-----|----|----|----------|-----|-----|--|--|--|
| Typ<br>Type                                                                                                                      | Lauf-<br>rad Ø<br>Wheel<br>dia. | Ausdehnung der<br>Laufräder<br>Groove width<br>of wheels |                  | Rad-<br>stand<br>Wheel<br>spacing | Radstand<br>zwischen<br>den FWT<br>Wheel spacing<br>between FWT | Katz-<br>spur<br>Trolley<br>track<br>width | Rad-<br>last <sup>1)</sup><br>Wheel<br>load <sup>1)</sup><br>max. | Spann-<br>weite<br>Span<br>max.                                        | Maße<br>Dimensions<br>mm |     |   |                         |     |     |     |    |    |          |     |     |  |  |  |
|                                                                                                                                  |                                 | AD<br>min.<br>mm                                         | AD<br>max.<br>mm |                                   |                                                                 |                                            |                                                                   |                                                                        | R                        | R1  | K | kN/Rad<br>kN /<br>wheel |     |     |     |    |    |          |     |     |  |  |  |
|                                                                                                                                  |                                 |                                                          |                  |                                   |                                                                 |                                            |                                                                   |                                                                        |                          |     |   |                         |     |     |     |    |    |          |     |     |  |  |  |
| ZL8N 500.3.560.1700.600.3000.1                                                                                                   | 500                             | 62                                                       | 92               | 1700                              | 1400                                                            | 3000                                       | 320                                                               | 33,1                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 | min. 950 | 305 | 600 |  |  |  |
| ZL8N 500.3.560.1700.600.3500.1                                                                                                   | 500                             | 62                                                       | 92               | 1700                              | 1900                                                            | 3500                                       | 320                                                               | 36,6                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 600 |  |  |  |
| ZL8N 500.3.560.1700.600.4000.1                                                                                                   | 500                             | 62                                                       | 92               | 1700                              | 2400                                                            | 4000                                       | 320                                                               | 40                                                                     | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 600 |  |  |  |
| ZL8N 500.3.560.1700.600.4500.1                                                                                                   | 500                             | 62                                                       | 92               | 1700                              | 2900                                                            | 4500                                       | 320                                                               | 40                                                                     | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 600 |  |  |  |
| ZL8N 500.3.560.1700.600.5000.1                                                                                                   | 500                             | 62                                                       | 92               | 1700                              | 3400                                                            | 5000                                       | 320                                                               | 40                                                                     | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 600 |  |  |  |
| ZL8N 500.3.560.1900.700.3000.1                                                                                                   | 500                             | 62                                                       | 92               | 1900                              | 1200                                                            | 3000                                       | 320                                                               | 34,5                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 700 |  |  |  |
| ZL8N 500.3.560.1900.700.3500.1                                                                                                   | 500                             | 62                                                       | 92               | 1900                              | 1700                                                            | 3500                                       | 320                                                               | 38                                                                     | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 700 |  |  |  |
| ZL8N 500.3.560.1900.700.4000.1                                                                                                   | 500                             | 62                                                       | 92               | 1900                              | 2200                                                            | 4000                                       | 320                                                               | 41,4                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 700 |  |  |  |
| ZL8N 500.3.560.1900.700.4500.1                                                                                                   | 500                             | 62                                                       | 92               | 1900                              | 2700                                                            | 4500                                       | 320                                                               | 44,9                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 700 |  |  |  |
| ZL8N 500.3.560.1900.700.5000.1                                                                                                   | 500                             | 62                                                       | 92               | 1900                              | 3200                                                            | 5000                                       | 320                                                               | 45                                                                     | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 700 |  |  |  |
| ZL8N 500.3.560.2000.800.3000.1                                                                                                   | 500                             | 62                                                       | 92               | 2000                              | 1200                                                            | 3000                                       | 320                                                               | 35,9                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 800 |  |  |  |
| ZL8N 500.3.560.2000.800.3500.1                                                                                                   | 500                             | 62                                                       | 92               | 2000                              | 1700                                                            | 3500                                       | 320                                                               | 39,3                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 800 |  |  |  |
| ZL8N 500.3.560.2000.800.4000.1                                                                                                   | 500                             | 62                                                       | 92               | 2000                              | 2200                                                            | 4000                                       | 320                                                               | 42,8                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 800 |  |  |  |
| ZL8N 500.3.560.2000.800.4500.1                                                                                                   | 500                             | 62                                                       | 92               | 2000                              | 2700                                                            | 4500                                       | 320                                                               | 46,2                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 800 |  |  |  |
| ZL8N 500.3.560.2000.800.5000.1                                                                                                   | 500                             | 62                                                       | 92               | 2000                              | 3200                                                            | 5000                                       | 320                                                               | 49,7                                                                   | 145                      | 210 | - | -                       | 560 | 650 | 160 | 15 | 30 |          | 305 | 800 |  |  |  |

#### Reduzierte Ausstattung

- Ohne Antriebe
- Ohne Hauptträgeranschlussplatten und Schrauben

#### Zusatzausstattungen

- Fahrwerke mit Führungsrollen/Entgleisungsschutz auf Anfrage

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

#### Reduced equipment

- Without gear motors
- Without main girder connection plates and screws

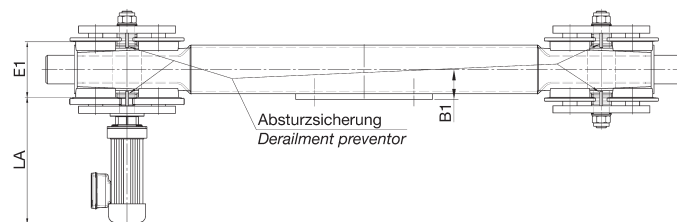
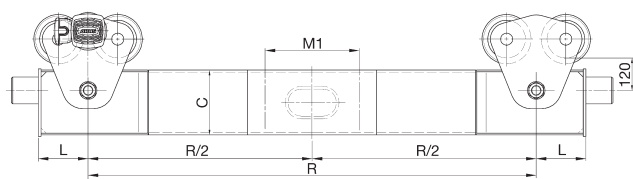
#### Options

- End carriages with guide rollers/derailment protection on request

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

## ABUS Fahrwerke für Deckenkrane

### ABUS end carriages for underslung cranes



| Fahrwerke für Serien-Deckenkrane<br>End carriages for standard underslung cranes |                                    |                                             |                                                                                            |                                     | (ausgelegt nach DIN 15018 H2/B3)<br>(designed acc. to DIN 15018 H2/B3) |     |                          |                          |     |     |
|----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|-----|--------------------------|--------------------------|-----|-----|
| Typ<br>Type                                                                      | Lauf-rad-Ø<br>Wheel dia.<br><br>mm | Radstand<br>Wheel<br>spacing<br><br>R<br>mm | Radlast <sup>1)</sup><br>Wheel load <sup>1)</sup><br>max.<br><br>kN/Fahrwerk<br>kN/trolley | Spannweite<br>Span<br>max.<br><br>m | Maße<br>Dimensions<br>mm                                               |     |                          |                          |     |     |
|                                                                                  |                                    |                                             |                                                                                            |                                     | B1                                                                     | C   | E1 <sup>2)</sup><br>min. | E1 <sup>2)</sup><br>max. | L   | M1  |
| ED 112.3.160.1500.180.0.0                                                        | 112                                | 1500                                        | 22                                                                                         | 10,5                                | 85                                                                     | 160 | 82                       | 300                      | 145 | 180 |
| ED 112.3.160.1500.340.0.0                                                        | 112                                | 1500                                        | 22                                                                                         | 10,5                                | 85                                                                     | 160 | 82                       | 300                      | 145 | 340 |
| ED 112.3.160.2000.180.0.0                                                        | 112                                | 2000                                        | 21                                                                                         | 14                                  | 85                                                                     | 160 | 82                       | 300                      | 145 | 180 |
| ED 112.3.160.2000.340.0.0                                                        | 112                                | 2000                                        | 21                                                                                         | 14                                  | 85                                                                     | 160 | 82                       | 300                      | 145 | 340 |
| ED 112.3.160.2500.180.0.0                                                        | 112                                | 2500                                        | 17                                                                                         | 17,5                                | 85                                                                     | 160 | 82                       | 300                      | 145 | 180 |
| ED 112.3.160.2500.340.0.0                                                        | 112                                | 2500                                        | 17                                                                                         | 17,5                                | 85                                                                     | 160 | 82                       | 300                      | 145 | 340 |
| ED 140.3.240.2000.350.0.0                                                        | 140                                | 2000                                        | 50                                                                                         | 14                                  | 105                                                                    | 240 | 100                      | 300                      | 185 | 350 |
| ED 140.3.240.2500.350.0.0                                                        | 140                                | 2500                                        | 45                                                                                         | 17,5                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 350 |
| ED 140.3.240.2800.350.0.0                                                        | 140                                | 2800                                        | 41                                                                                         | 19,6                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 350 |
| ED 140.3.240.2800.400.0.0                                                        | 140                                | 2800                                        | 41                                                                                         | 19,6                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 400 |
| ED 140.3.300.2800.400.0.0                                                        | 140                                | 2800                                        | 50                                                                                         | 19,6                                | 120                                                                    | 300 | 100                      | 300                      | 185 | 400 |
| ED 140.3.240.3200.350.0.0                                                        | 140                                | 3200                                        | 36                                                                                         | 22,4                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 350 |
| ED 140.3.240.3200.400.0.0                                                        | 140                                | 3200                                        | 36                                                                                         | 22,4                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 400 |
| ED 140.3.300.3200.400.0.0                                                        | 140                                | 3200                                        | 50                                                                                         | 22,4                                | 120                                                                    | 300 | 100                      | 300                      | 185 | 400 |
| ED 140.3.240.3600.350.0.0                                                        | 140                                | 3600                                        | 32                                                                                         | 25,2                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 350 |
| ED 140.3.240.3600.400.0.0                                                        | 140                                | 3600                                        | 32                                                                                         | 25,2                                | 105                                                                    | 240 | 100                      | 300                      | 185 | 400 |
| ED 140.3.300.3600.400.0.0                                                        | 140                                | 3600                                        | 50                                                                                         | 25,2                                | 120                                                                    | 300 | 100                      | 300                      | 185 | 400 |

#### Reduzierte Ausstattung

- Ohne Hauptträgeranschlussplatten und Schrauben

#### Reduced equipment

- Without main girder connection plates and screws

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

2) E1 → Flanschbreite des Kranbahnprofiles

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

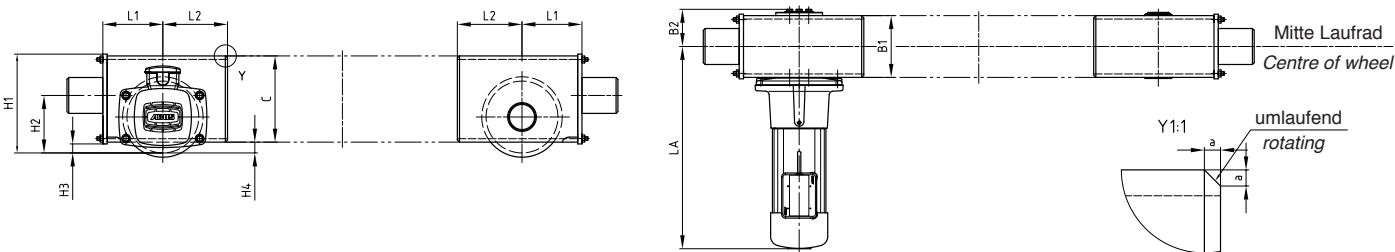
2) E1 → flange width of crane track section

ABUS Vorsatzstücke  
ABUS wheel blocks



**Lieferumfang:**  
Kompletter Satz, bestehend aus 4 Radblöcken (2 x angetrieben links/rechts und 2 x nicht angetrieben links/rechts), einschließlich Getriebemotoren mit Steckverbindung und Kranpuffer, jedoch ohne Hauptträgeranschlussplatten und Schrauben.

**Scope of Supply:**  
Complete set of four wheel blocks (2 driven (left and right), 2 non-driven (left and right)), including gear motors with plug connection and crane buffers, but without main girder connection plates and high-strength connection bolts.



| Vorsatzstücke<br>Wheel blocks |                          | (ausgelegt nach DIN 15018 H2/B3)<br>(designed acc. to DIN 15018 H2/B3) |                                                                                 |                          |     |     |     |     |     |    |    |     |     |
|-------------------------------|--------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------|-----|-----|-----|-----|-----|----|----|-----|-----|
| Typ<br>Type                   | Lauf­rad-Ø<br>Wheel dia. | Aus­drehung der Lauf­räder<br>Groove width of wheels                   | Radlast <sup>1)</sup><br>Wheel load <sup>1)</sup><br>max.<br>kN/Rad<br>kN/wheel | Maße<br>Dimensions<br>mm |     |     |     |     |     |    |    |     |     |
|                               | mm                       | mm                                                                     |                                                                                 | a                        | B1  | B2  | C   | H1  | H2  | H3 | H4 | L1  | L2  |
| AVS 130.3.160                 | 130                      | 47 – 62                                                                | 33                                                                              | 5                        | 131 | 80  | 160 | 185 | 100 | 15 | 20 | 133 | 150 |
| AVS 160.3.200                 | 160                      | 47 – 82                                                                | 50                                                                              | 6                        | 152 | 90  | 200 | 235 | 100 | 25 | 30 | 152 | 150 |
| AVS 200.3.240                 | 200                      | 47 – 92                                                                | 65                                                                              | 6                        | 172 | 104 | 240 | 275 | 160 | 25 | 30 | 167 | 180 |
| AVS 280.3.300                 | 280                      | 47 – 97                                                                | 100                                                                             | 6                        | 202 | 125 | 300 | 340 | 160 | 30 | 35 | 207 | 220 |
| AVS 350.3.350                 | 350                      | 57 – 97                                                                | 160                                                                             | 9                        | 200 | 124 | 350 | 395 | 160 | 35 | 40 | 255 | 250 |
| AVS 420.3.400                 | 420                      | 62 – 97                                                                | 240                                                                             | 10                       | 220 | 134 | 400 | 450 | 160 | 35 | 40 | 295 | 270 |

**Reduzierte Ausstattung**  
• Ohne Antriebe

**Reduced equipment**  
• Without gear motors

1) Zulässige Radlasten können durch den Einsatzfall reduziert werden.  
Für genauere Planungen Datenblatt anfordern.

1) Admissible wheel loads can be reduced by case of application.  
Request the data sheet for more exact planning.

## ABUS Fahrantriebsdaten [Betriebsspannung [400 V / 50 Hz]

ABUS drive data [operating voltage 400 V / 50 Hz]

| Antriebsdaten           |                                                      |                   |                                           |                                  |
|-------------------------|------------------------------------------------------|-------------------|-------------------------------------------|----------------------------------|
| Drive data              |                                                      |                   |                                           |                                  |
| Laufrad-Ø<br>Wheel dia. | Geschwindigkeit <sup>1)</sup><br>Speed <sup>1)</sup> | Leistung<br>Power | Masse <sup>2)</sup><br>Mass <sup>2)</sup> | Motorlänge<br>Motor length<br>LA |
| mm                      | m/min                                                | kW                | kg                                        | mm                               |
| 130                     | 5/20                                                 | 0.04/0.18         | 7000                                      | 490                              |
|                         | 5/20                                                 | 0.06/0.28         | 11500                                     |                                  |
|                         | 10/40                                                | 0.06/0.28         | 6100                                      |                                  |
|                         | 10/40                                                | 0.08/0.37         | 9000                                      |                                  |
| 160                     | 5/20                                                 | 0.10/0.48         | 18500                                     | 530                              |
|                         | 10/40                                                | 0.10/0.48         | 12500                                     |                                  |
| 200                     | 5/20                                                 | 0.14/0.65         | 27800                                     | 590                              |
|                         | 10/40                                                | 0.14/0.65         | 18000                                     |                                  |
|                         | 10/40                                                | 0.18/0.80         | 26000                                     |                                  |
| 280                     | 5/20                                                 | 0.14/0.65         | 30000                                     | 650                              |
|                         | 5/20                                                 | 0.18/0.80         | 44500                                     |                                  |
|                         | 10/40                                                | 0.14/0.65         | 21000                                     |                                  |
|                         | 10/40                                                | 0.18/0.80         | 26000                                     |                                  |
|                         | 10/40                                                | 0.25/1.10         | 39000                                     |                                  |
| 350                     | 5/20                                                 | 0.18/0.75         | 53100                                     | 700                              |
|                         | 5/20                                                 | 0.25/1.10         | 69900                                     |                                  |
|                         | 10/40                                                | 0.25/1.10         | 39900                                     |                                  |
|                         | 10/40                                                | 0.37/1.50         | 50900                                     |                                  |
| 420                     | 5/20                                                 | 0.25/1.10         | 67100                                     | 700                              |
|                         | 5/20                                                 | 0.37/1.50         | 77000                                     |                                  |
|                         | 10/40                                                | 0.37/1.50         | 51000                                     |                                  |
|                         | 10/40                                                | 0.55/2.20         | 77100                                     |                                  |
| 500                     | 5/20                                                 | 0.37/1.50         | 95000                                     | 890                              |
|                         | 5/20                                                 | 0.55/2.20         | 142500                                    |                                  |
|                         | 10/40                                                | 0.55/2.20         | 78600                                     |                                  |
|                         | 10/40                                                | 0.75/3.00         | 111000                                    |                                  |
| 112                     | 5/20                                                 | 0.06/0.25         | 6000                                      | 460                              |
|                         | 7.5/30                                               | 0.06/0.25         | 6000                                      |                                  |
| 140                     | 5/20                                                 | 0.09/0.37         | 11300                                     | 480                              |
|                         | 7.5/30                                               | 0.09/0.37         | 11300                                     |                                  |

1) Antriebsdaten für 7,5/30 m/min; 12,5/50 m/min und 15/60 m/min und andere Leistungen auf Anfrage

2) Gesamtmasse welche von 2 Motoren maximal bewegt werden kann; reduzierte Gesamtmasse durch den jeweiligen Einsatzfall möglich

1) Antriebsdaten für 7,5/30 m/min; 12,5/50 m/min und 15/60 m/min und andere Leistungen auf Anfrage

2) Gesamtmasse welche von 2 Motoren maximal bewegt werden kann; reduzierte Gesamtmasse durch den jeweiligen Einsatzfall möglich

1) Drive data for speeds 7.5/30 m/min, 12.5/50 m/min and 15/60 m/min and other motor powers available on application

2) Total mass which can be moved by 2 motors, reduced total mass by respective case of application possible

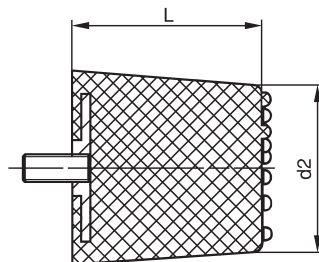
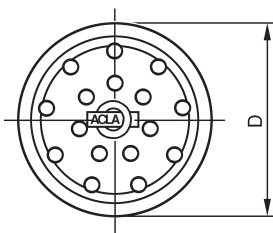
1) Drive data for speeds 7.5/30 m/min, 12.5/50 m/min and 15/60 m/min and other motor powers available on application

2) Total mass which can be moved by 2 motors, reduced total mass by respective case of application possible

## Kranpuffer zum Anschrauben

Crane buffer to fasten with screws

| Typ<br>Type | Puffer-Ø<br>Buffer-Ø<br>mm |     | Gewinde-<br>stift<br>Set screw<br>mm | Puffer-Länge<br>Buffer length<br>L mm | Max. Federweg<br>Max. compression<br>length<br>mm | Bestell-Nr.<br>Ref. |
|-------------|----------------------------|-----|--------------------------------------|---------------------------------------|---------------------------------------------------|---------------------|
| ZP 80       | 80                         | 75  | M 12 x 35                            | 80                                    | 48                                                | 10431               |
| ZP 100      | 100                        | 95  | M 12 x 35                            | 100                                   | 63                                                | 10432               |
| ZP 125      | 125                        | 120 | M 12 x 35                            | 125                                   | 82                                                | 10433               |
| ZP 160      | 160                        | 150 | M 12 x 35                            | 160                                   | 109                                               | 10434               |
| ZP 200      | 200                        | 185 | M 12 x 35                            | 215                                   | 135                                               | 10435               |
| ZP 250      | 250                        | 250 | M 24 x 45                            | 250                                   | 170                                               | 10436               |



Zugehörige Preisliste P-Z-102-

Complementary price list P-Z-102-

## Notes

