

Eckkräfte

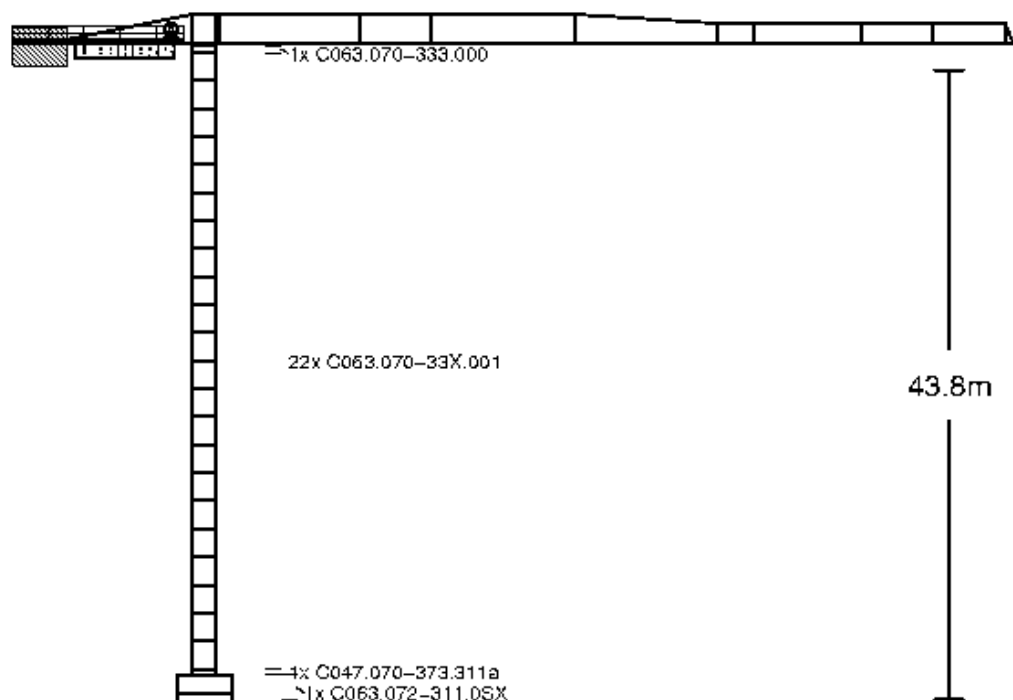
EN14439:2009/FEM1.005-C25

110 EC-B 6, Turmsystem 100LC, Fundamentkreuz
100LC/63LC 3.80 m stat.

Kran stationär, ohne Klettereinrichtung

LIEBHERR-WERK BIBERACH

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1 Allgemeine Sicherheitshinweise

1.1 Sicherheitshinweise für Eckkrafttabellen und Fundamentbelastungstabellen



WARNUNG

Unfallgefahr bei Nichtbeachtung der Bauteilkompatibilitätsliste!

Die statischen Daten dürfen nur verwendet werden, wenn der Kranaufbau der beschriebenen Konfiguration entspricht und die verwendeten Komponenten, unter Beachtung der Bauteilkompatibilitätsliste, ausgewählt wurden.

- ▶ Weitere Informationen siehe „Bauteilkompatibilitätsliste“.



WARNUNG

Gefährdung der Standsicherheit!

Das Fundament bzw. der Zentralballast muss der Aufbauhöhe und der Konfiguration des Krans entsprechen (mit oder ohne Klettereinrichtung). Der nachträgliche An- oder Abbau einer Klettereinrichtung zur Montage oder Demontage des Krans verändert die Standsicherheit des Krans und damit die daraus resultierenden Eckkräfte bzw. Fundamentbelastungen.

- ▶ Bei der Einsatzplanung immer beide Eckkrafttabellen „mit Klettereinrichtung“ und „ohne Klettereinrichtung“ beachten und die jeweils ungünstigeren Werte berücksichtigen.
- ▶ Zentralballast prüfen.



WARNUNG

Gefährdung der Standsicherheit!

Bei bestimmten Auslegerlängen kann der Kran nicht ohne eine zusätzliche Windfläche im Ausleger in den Wind drehen.

- ▶ Falls erforderlich, Windfläche montieren. Weitere Informationen siehe: Betriebsanleitung, Kapitel Montage.



WARNUNG

Gefährdung der Standsicherheit!

Wenn Turmstücke mit montierten Führungsschienen für den Kranführeraufzug in den Turmaufbau integriert werden, gelten abweichende statische Daten. Montierte Führungsschienen können eine Verringerung der maximalen Aufbauhöhe und eine Erhöhung der Fundamentbelastungen, Eckkräfte und des erforderlichen Zentralballasts zur Folge haben.

Kranaufbauten, bei denen die Führungsschienen im Turmstück verbleiben, sind wie Kranaufbauten mit angebautem Kranführeraufzug zu betrachten!

- ▶ Spezielle statische Daten bei der Abteilung Statik beim Liebherr-Werk Biberach GmbH anfragen.
- ▶ Zuverlässigkeit des Kranaufbaus anhand der speziellen statischen Daten prüfen.
- ▶ Im Zweifelsfall Führungsschienen und Einbauten für den Ein- und Ausstieg im gesamten Turmaufbau entfernen.

Die Eckkräfte sind charakteristische Lasten und enthalten keinen Eigenlast- und Hublastbeiwert. Beachten Sie bei Kranen mit mehreren Strang-Ausführungen die minimale und maximale Ausladung.

Bei stationärer Ausführung des Krans, mit Unterwagen oder Fundamentkreuz, können sich die in den Eckkrafttabellen angegebenen Hakenhöhen, je nach Krankonfiguration, verringern.

1.2 Hinweise zur Konformität

Auf Grund der Vielzahl an möglichen Varianten und Einflussparameter beim Aufbau von Turmdrehkränen ist es wichtig zu erkennen, ob der gewählte Kranaufbau und/oder die vorliegende Dokumentation die örtlichen Sicherheitsanforderungen erfüllt und damit Konformität gegeben ist.

In den Ländern des Europäischen Wirtschaftsraums (EWR) helfen Eckkrafttabellen und Fundamentbelastungstabellen nach EN 14439 die Einhaltung des geforderten Sicherheitsniveaus zu gewährleisten.

In den Ländern außerhalb des EWR gibt es häufig keine verbindlichen Vorschriften. Mit der Liebherr Werknorm LN 303 wurden geeignete Mindestanforderungen für diese Länder definiert. Die Datenblätter und die Statik-Tabellen, bei denen diese Spezifikation angewendet wird, sind mit dem Kürzel LN 303 gekennzeichnet.

Kranaufbauten unter Berücksichtigung von Sicherheitsanforderungen und/oder Windlastannahmen, die auf anderen Normen und Richtlinien basieren, stellen gegebenenfalls kein geeignetes Schutzniveau dar.

Die Anwendbarkeit der bereitgestellten Unterlagen ist vom Betreiber zu prüfen. Wir empfehlen hierzu, eine baustellenbezogene Gefährdungsanalyse zu erstellen, in der insbesondere die Windexposition berücksichtigt wird.

1.3 Hinweise für Krane mit Kletterturmstück

Beachten Sie bei Kranen, die für den Einsatz einer Klettereinrichtung ein Kletterturmstück benötigen, Folgendes:

- Die angegebene Hakenhöhe in den Eckkrafttabellen und Fundamentbelastungstabellen beinhalten immer das Kletterturmstück.
- Bei einer Kranmontage ohne Klettereinrichtung kann das Kletterturmstück durch ein Standard-Turmstück ersetzt werden.

1.4 Verwendete Symbole in Eckkrafttabellen und Fundamentbelastungstabellen

| Symbol | Bedeutung |
|--------|--|
| * | Bei dieser Hakenhöhe muss die Klettereinrichtung nach der Montage abgelassen werden! |
| xx | Bei dieser Hakenhöhe ist das Umschalten auf die LM2-Lastkurve nicht zulässig! Weitere Informationen siehe: „Bedienungsanleitung für den Kranführer“, „Steuerpult“. |
| & | Bei dieser Hakenhöhe ist während des Kranfahrens das Anheben und Senken der Last, sowie Drehen und Katzfahren nicht zulässig! |

| Symbol | Bedeutung |
|--------|--|
| + | Bei dieser Hakenhöhe ist der Einsatz mit fahrbarem Unterwagen bzw. Fundamentkreuz nicht zulässig! Nur stationär, ohne Fahrwerke, möglich. |
| ° | Bei dieser Hakenhöhe ist der Anbau einer Kabine nicht zulässig! Nur möglich "ohne Kabine". |
| @ | Bei dieser Hakenhöhe ist der Einsatz mit Kletterturmstück nicht zulässig! Das Kletterturmstück muss durch ein Standard-Turmstück ersetzt werden. |

Tab. 1: Verwendete Symbole in Eckkrafttabellen und Fundamentbelastungstabellen

1.5 Verwendete Symbole in Bauteilkompatibilitätsliste

| Symbol | Bedeutung |
|--------|----------------------|
| * | nicht kletterbar |
| + | nur einmal verwenden |

Tab. 2: Verwendete Symbole in Bauteilkompatibilitätsliste

2 Erläuterungen zur Standsicherheitsberechnung nach EN 14439:2009

2.1 Standsicherheit - Kran außer Betrieb (Sturm)

Mit der Anwendung der Produktnorm EN 14439 „Krane - Sicherheit - Turmdrehkrane“ wird hinsichtlich der Standsicherheitsberechnung und der Windbelastungen für den Zustand „Kran außer Betrieb“ auf die FEM 1.005 verwiesen. Damit wurden europaweit regional unterschiedliche Windgeschwindigkeiten eingeführt. Für den Zustand „Kran in Betrieb“ gelten für die Standsicherheitsberechnung weiterhin die Regeln der DIN 15019.

Wichtigste Neuerung ist die realistische Berücksichtigung der Sturmwindbelastungen im Zustand „Kran außer Betrieb“. Länder und Regionen werden dabei in Windzonen (siehe: [Fig. 1, Seite 7](#)) mit unterschiedlichen Bezugswindgeschwindigkeiten gemäß FEM 1.005 (bzw. EN 13001-2) eingeteilt. Für Turmdrehkrane wurde darin als Mindestanforderung die Windregion C und ein Wiederholintervall von 25 Jahren - abgekürzt C25 - festgelegt.

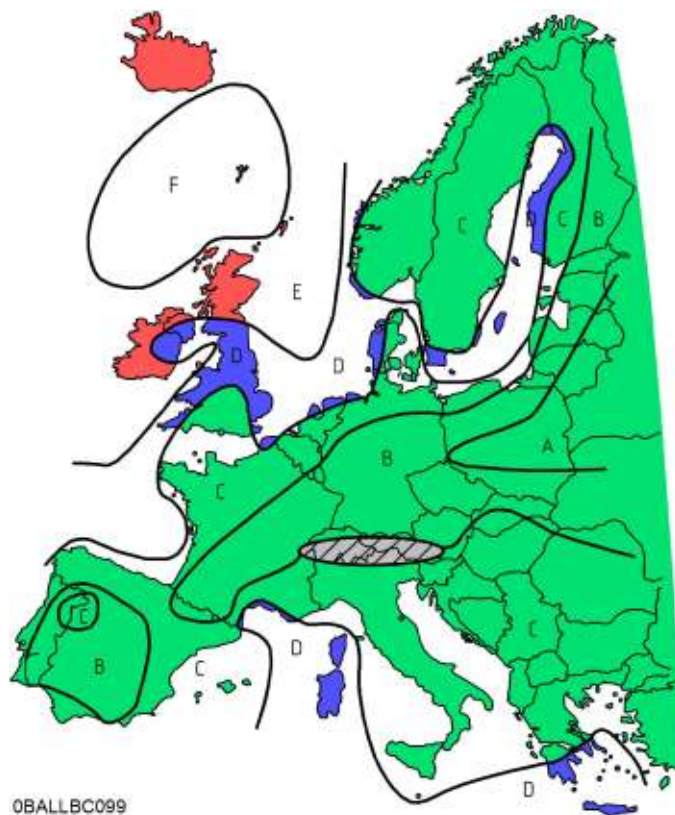


Fig. 1: Europäische Windregionenkarte aus EN 13001 (nur zur Orientierung)

**Hinweis**

Die europäische Windregionenkarte aus EN 13001 (siehe: Fig. 1, Seite 7) dient nur zur Orientierung!

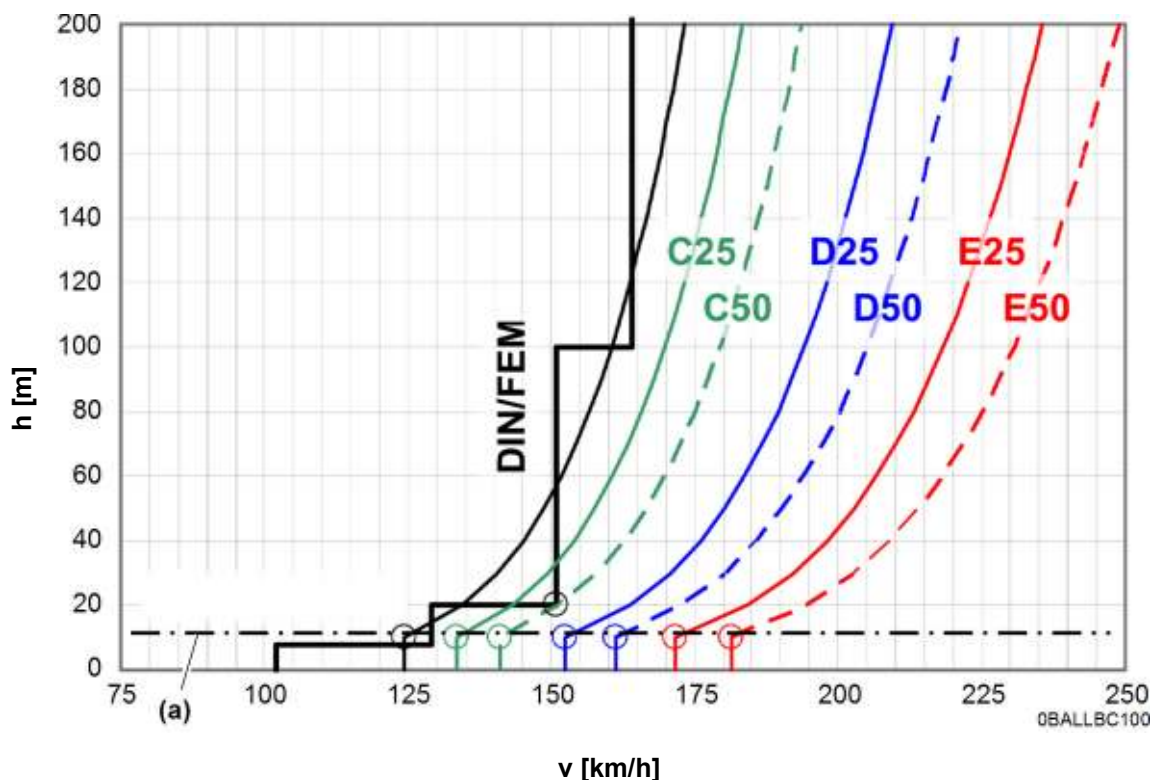
Maßgebend sind die nationalen Windkarten.

► Nationale Anhänge zur EN 1991-1-4 oder nationale meteorologische Karten beachten.

**Hinweis**

In verschiedenen Gegenden muss mit erhöhten Windgeschwindigkeiten gerechnet werden (z.B. aufgrund der Topographie oder örtlichen Gegebenheiten)!

► Passendes Windprofil für diese Gegenden wählen, basierend auf lokalen meteorologischen Daten.



Tab. 3: Böen-Windgeschwindigkeitsprofile nach FEM 1.005 bzw. EN 13001

Bezugshöhe 10 m (a)

Aufgrund schwerer Sturmwindereignisse in den letzten Jahren und der allgemeinen Erhöhung der Sicherheitsanforderungen im Bauwesen - aber auch im Kranbau - sind insbesondere die anzusetzenden Windlastannahmen erhöht worden. Aus „Böen-Windgeschwindigkeitsprofile nach FEM 1.005 bzw. EN 13001“ (siehe: Fig. 1, Seite 7) ist ersichtlich, dass die Windzone C25 die Windbelastung nach DIN 1055-4 sicher abdeckt.

In diesem Diagramm sind aber auch die verschiedenen Bezugswindgeschwindigkeiten mit der zugehörigen Bezugshöhe (a) markiert. Auffällig ist, dass in der Vergangenheit beim stufigen Windprofil nach DIN 1055-4 üblicherweise eine Bezugswindgeschwindigkeit von 151 km/h angegeben wurde. Führt man das vereinfachte Treppenfunktionprofil auf seine ursprüngliche Kurvenform zurück, so erhält man eine, mit der FEM 1.005 vergleichbare, Bezugswindgeschwindigkeit in einer Höhe von 10 m über flachem offenem Gelände. Die abgebildeten Windprofile entsprechen bereits der sogenannten 3-Sekunden- Böe und nicht mehr dem häufig angegebenen, niedrigeren 10-Minuten-Mittelwind.

| DIN 1055-T4:1986 | Bezugsböenwindgeschwindigkeit |
|------------------|-------------------------------|
| | $vg(10) = 125 \text{ km/h}$ |

Tab. 4: Bezugsböenwindgeschwindigkeit

| FEM 1.005 bzw. EN 13001-2:2004 | Bezugsböenwindgeschwindigkeit |
|--|-------------------------------|
| - Windregion C, Wiederholintervall 25 Jahre: | $vg(10) = 134 \text{ km/h}$ |
| - Windregion D, Wiederholintervall 25 Jahre: | $vg(10) = 153 \text{ km/h}$ |
| - Windregion E, Wiederholintervall 25 Jahre: | $vg(10) = 171 \text{ km/h}$ |

Tab. 5: Bezugsböenwindgeschwindigkeit

Im Zuge dieser Entwicklung wird jetzt gefordert, dass an jedem beliebigen Ort in Europa das gleiche Sicherheitsniveau erreicht werden muss, weshalb in der Produktnorm EN 14439 für Turmdrehkrane zunächst ein einheitliches Wiederholintervall von 25 Jahren festgelegt wurde. Um hier dennoch eine gewisse Standardisierung zu erreichen, wurden in der FEM 1.005 fünf Windregionen (A/B, C, D, E, F) definiert. Da aus Vereinheitlichungsgründen die Region A/B ausgeschlossen wurde und die Region F ohne praktische Bedeutung ist, verbleiben die Windregionen C, D und E, für die entsprechende Angaben gemacht werden.

Wie schon in der Vergangenheit liegt die Verantwortung, hinsichtlich der korrekten Bewertung und Einstufen des Aufstellortes, beim Kranbetreiber. Dabei kann es vorkommen, dass die notwendigen Angaben, passend zur ermittelten Windregion, nicht in der Betriebsanleitung des Krans zu finden sind. In diesen Fällen ist die Firma Liebherr zu konsultieren und es sind die erforderlichen Ergänzungen anzufordern.

3 Eckkräfte

Folgende Hubwerke wurden in der Berechnung berücksichtigt:

- WIW 230MZ402
- WIW 230MZ402 (ohne Kabine)
- WIW 230MZ404
- WIW 230MZ404 (ohne Kabine)
- WIW 230MZ414
- WIW 240MZ403
- WIW 240MZ403 (ohne Kabine)

Katzstellung außer Betrieb:

| Ausleger | Ausladung |
|-----------------|------------------|
| 55,00 m | 2,50 m |
| 52,50 m | 2,50 m |
| 50,00 m | 2,50 m |
| 47,50 m | 2,50 m |
| 45,00 m | 2,50 m |
| 42,50 m | 2,50 m |
| 40,00 m | 2,50 m |
| 37,50 m | 2,50 m |
| 35,00 m | 2,50 m |
| 32,50 m | 2,50 m |
| 30,00 m | 2,50 m |
| 27,50 m | 2,50 m |
| 25,00 m | 2,50 m |
| 22,50 m | 2,50 m |
| 20,00 m | 2,50 m |

3.1 Bauteilkompatibilitätsliste

C063.070-333.000

KUD-Auflage+KUD 110EC-B - Turmsystem 100LC

- C063.070-333.111 901089930 l=0,51 m
- C063.074-333.000 901256530 l=0,51 m

C063.070-33X.001

insgesamt max. l=42,90 m

Ersatz-Turmstück 100LC 1.95 m

- C063.070-332.000 901063430 l=3,90 m
- C063.073-332.000 901239230 l=3,90 m
- C063.074-332.000 901254630 l=3,90 m
- C063.070-336.000 901137530 l=5,85 m
- C063.072-336.000 901257030 l=5,85 m
- C063.070-331.000 901063930 l=11,70 m
- C063.072-331.000 901257730 l=11,70 m

C047.070-373.311a

Turmadapter 100LC 0.42

- C047.070-373.300 900292430 l=0,42 m

C063.072-311.0SX

Fundamentkreuz 100LC/63LC 3.80 m stat.

- C063.072-311.000 901214530 l=1,73 m

3.2 Ausleger 55,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 55,00 m

Turmsystem: 100LC

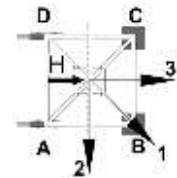
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=182 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 2 | 4,80 | 30 | A | 183 | 288 | 78 | 27 | A | 165 | 113 | 216 | 34 |
| | | | B | 331 | 288 | 288 | | B | 93 | 113 | 113 | |
| | | | C | 183 | 78 | 288 | | C | 165 | 216 | 113 | |
| | | | D | 34 | 78 | 78 | | D | 236 | 216 | 216 | |
| 3 | 6,75 | 30 | A | 184 | 292 | 76 | 28 | A | 166 | 120 | 212 | 37 |
| | | | B | 337 | 292 | 292 | | B | 102 | 120 | 120 | |
| | | | C | 184 | 76 | 292 | | C | 166 | 212 | 120 | |
| | | | D | 30 | 76 | 76 | | D | 230 | 212 | 212 | |
| 4 | 8,70 | 30 | A | 185 | 297 | 74 | 29 | A | 167 | 127 | 207 | 39 |
| | | | B | 343 | 297 | 297 | | B | 112 | 127 | 127 | |
| | | | C | 185 | 74 | 297 | | C | 167 | 207 | 127 | |
| | | | D | 27 | 74 | 74 | | D | 222 | 207 | 207 | |
| 5 | 10,65 | 30 | A | 186 | 301 | 71 | 30 | A | 168 | 136 | 201 | 42 |
| | | | B | 350 | 301 | 301 | | B | 124 | 136 | 136 | |
| | | | C | 186 | 71 | 301 | | C | 168 | 201 | 136 | |
| | | | D | 23 | 71 | 71 | | D | 212 | 201 | 201 | |
| 6 | 12,60 | 30 | A | 188 | 306 | 69 | 30 | A | 169 | 145 | 194 | 45 |
| | | | B | 356 | 306 | 306 | | B | 138 | 145 | 145 | |
| | | | C | 188 | 69 | 306 | | C | 169 | 194 | 145 | |
| | | | D | 19 | 69 | 69 | | D | 201 | 194 | 194 | |
| 7 | 14,55 | 30 | A | 189 | 311 | 66 | 31 | A | 171 | 155 | 186 | 48 |
| | | | B | 363 | 311 | 311 | | B | 152 | 155 | 155 | |
| | | | C | 189 | 66 | 311 | | C | 171 | 186 | 155 | |
| | | | D | 14 | 66 | 66 | | D | 189 | 186 | 186 | |
| 8 | 16,50 | 30 | A | 190 | 317 | 63 | 32 | A | 173 | 177 | 169 | 55 |
| | | | B | 370 | 317 | 317 | | B | 184 | 177 | 177 | |
| | | | C | 190 | 63 | 317 | | C | 173 | 169 | 177 | |
| | | | D | 10 | 63 | 63 | | D | 163 | 169 | 169 | |
| 9 | 18,45 | 30 | A | 191 | 322 | 60 | 32 | A | 175 | 191 | 159 | 58 |
| | | | B | 378 | 322 | 322 | | B | 203 | 191 | 191 | |
| | | | C | 191 | 60 | 322 | | C | 175 | 159 | 191 | |
| | | | D | 4 | 60 | 60 | | D | 146 | 159 | 159 | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=182 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 30 | A | 192 | 328 | 57 | 33 | A | 176 | 205 | 147 | 61 |
| | | | B | 386 | 328 | 328 | | B | 224 | 205 | 205 | |
| | | | C | 192 | 57 | 328 | | C | 176 | 147 | 205 | |
| | | | D | 0 | 57 | 57 | | D | 128 | 147 | 147 | |
| 11 | 22,35 | 35 | A | 206 | 346 | 66 | 34 | A | 190 | 232 | 147 | 64 |
| | | | B | 406 | 346 | 346 | | B | 258 | 232 | 232 | |
| | | | C | 206 | 66 | 346 | | C | 190 | 147 | 232 | |
| | | | D | 6 | 66 | 66 | | D | 121 | 147 | 147 | |
| 12 | 24,30 | 35 | A | 207 | 352 | 63 | 34 | A | 191 | 249 | 133 | 67 |
| | | | B | 414 | 352 | 352 | | B | 282 | 249 | 249 | |
| | | | C | 207 | 63 | 352 | | C | 191 | 133 | 249 | |
| | | | D | 0 | 63 | 63 | | D | 100 | 133 | 133 | |
| 13 | 26,25 | 35 | A | 203 | 358 | 59 | 35 | A | 192 | 266 | 118 | 70 |
| | | | B | 429 | 358 | 358 | | B | 307 | 266 | 266 | |
| | | | C | 203 | 59 | 358 | | C | 192 | 118 | 266 | |
| | | | D | 0 | 59 | 59 | | D | 77 | 118 | 118 | |
| 14 | 28,20 | 35 | A | 198 | 365 | 55 | 36 | A | 193 | 284 | 102 | 74 |
| | | | B | 444 | 365 | 365 | | B | 334 | 284 | 284 | |
| | | | C | 198 | 55 | 365 | | C | 193 | 102 | 284 | |
| | | | D | 0 | 55 | 55 | | D | 52 | 102 | 102 | |
| 15 | 30,15 | 40 | A | 217 | 384 | 63 | 36 | A | 207 | 316 | 98 | 77 |
| | | | B | 460 | 384 | 384 | | B | 375 | 316 | 316 | |
| | | | C | 217 | 63 | 384 | | C | 207 | 98 | 316 | |
| | | | D | 0 | 63 | 63 | | D | 39 | 98 | 98 | |
| 16 | 32,10 | 45 | A | 236 | 403 | 72 | 37 | A | 221 | 348 | 93 | 80 |
| | | | B | 476 | 403 | 403 | | B | 417 | 348 | 348 | |
| | | | C | 236 | 72 | 403 | | C | 221 | 93 | 348 | |
| | | | D | 0 | 72 | 72 | | D | 24 | 93 | 93 | |
| 17 | 34,05 | 50 | A | 251 | 422 | 80 | 38 | A | 234 | 382 | 87 | 84 |
| | | | B | 498 | 422 | 422 | | B | 462 | 382 | 382 | |
| | | | C | 251 | 80 | 422 | | C | 234 | 87 | 382 | |
| | | | D | 4 | 80 | 80 | | D | 7 | 87 | 87 | |
| 18 | 36,00 | 55 | A | 265 | 442 | 88 | 39 | A | 237 | 417 | 79 | 87 |
| | | | B | 520 | 442 | 442 | | B | 518 | 417 | 417 | |
| | | | C | 265 | 88 | 442 | | C | 237 | 79 | 417 | |
| | | | D | 9 | 88 | 88 | | D | 0 | 79 | 79 | |
| 19 | 37,95 | 65 | A | 291 | 474 | 108 | 39 | A | 256 | 465 | 83 | 90 |
| | | | B | 555 | 474 | 474 | | B | 585 | 465 | 465 | |
| | | | C | 291 | 108 | 474 | | C | 256 | 83 | 465 | |
| | | | D | 27 | 108 | 108 | | D | 0 | 83 | 83 | |
| 20 | 39,90 | 70 | A | 305 | 494 | 115 | 40 | A | 248 | 502 | 74 | 94 |
| | | | B | 578 | 494 | 494 | | B | 656 | 502 | 502 | |
| | | | C | 305 | 115 | 494 | | C | 248 | 74 | 502 | |
| | | | D | 31 | 115 | 115 | | D | 0 | 74 | 74 | |
| 21 | 41,85 | 75 | A | 318 | 522 | 115 | 41 | A | 239 | 540 | 63 | 97 |
| | | | B | 603 | 522 | 522 | | B | 730 | 540 | 540 | |
| | | | C | 318 | 115 | 522 | | C | 239 | 63 | 540 | |
| | | | D | 34 | 115 | 115 | | D | 0 | 63 | 63 | |
| 22 | 43,80 | 90 | A | 357 | 569 | 145 | 41 | A | 278 | 604 | 77 | 101 |
| | | | B | 654 | 569 | 569 | | B | 807 | 604 | 604 | |
| | | | C | 357 | 145 | 569 | | C | 278 | 77 | 604 | |
| | | | D | 61 | 145 | 145 | | D | 0 | 77 | 77 | |

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3.3 Ausleger 52,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 52,50 m

Turmsystem: 100LC

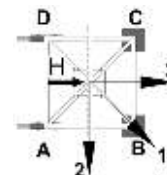
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=174 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|------------|------------|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 2 | 4,80 | 30 | A | 181 | 289 | 73 | 27 | A | 163 | 107 | 219 | 34 |
| | | | B | 334 | 289 | 289 | | B | 84 | 107 | 107 | |
| | | | C | 181 | 73 | 289 | | C | 163 | 219 | 107 | |
| | | | D | 28 | 73 | 73 | | D | 241 | 219 | 219 | |
| 3 | 6,75 | 30 | A | 182 | 293 | 71 | 28 | A | 164 | 113 | 215 | 37 |
| | | | B | 340 | 293 | 293 | | B | 93 | 113 | 113 | |
| | | | C | 182 | 71 | 293 | | C | 164 | 215 | 113 | |
| | | | D | 25 | 71 | 71 | | D | 235 | 215 | 215 | |
| 4 | 8,70 | 30 | A | 183 | 298 | 69 | 28 | A | 165 | 120 | 210 | 39 |
| | | | B | 346 | 298 | 298 | | B | 104 | 120 | 120 | |
| | | | C | 183 | 69 | 298 | | C | 165 | 210 | 120 | |
| | | | D | 21 | 69 | 69 | | D | 227 | 210 | 210 | |
| 5 | 10,65 | 30 | A | 185 | 303 | 67 | 29 | A | 166 | 129 | 204 | 42 |
| | | | B | 352 | 303 | 303 | | B | 116 | 129 | 129 | |
| | | | C | 185 | 67 | 303 | | C | 166 | 204 | 129 | |
| | | | D | 17 | 67 | 67 | | D | 217 | 204 | 204 | |
| 6 | 12,60 | 35 | A | 198 | 320 | 77 | 30 | A | 180 | 151 | 210 | 45 |
| | | | B | 371 | 320 | 320 | | B | 141 | 151 | 151 | |
| | | | C | 198 | 77 | 320 | | C | 180 | 210 | 151 | |
| | | | D | 25 | 77 | 77 | | D | 219 | 210 | 210 | |
| 7 | 14,55 | 35 | A | 200 | 325 | 74 | 31 | A | 181 | 161 | 202 | 48 |
| | | | B | 378 | 325 | 325 | | B | 156 | 161 | 161 | |
| | | | C | 200 | 74 | 325 | | C | 181 | 202 | 161 | |
| | | | D | 21 | 74 | 74 | | D | 207 | 202 | 202 | |
| 8 | 16,50 | 35 | A | 201 | 330 | 71 | 31 | A | 183 | 172 | 193 | 51 |
| | | | B | 385 | 330 | 330 | | B | 172 | 172 | 172 | |
| | | | C | 201 | 71 | 330 | | C | 183 | 193 | 172 | |
| | | | D | 16 | 71 | 71 | | D | 193 | 193 | 193 | |
| 9 | 18,45 | 35 | A | 202 | 336 | 68 | 32 | A | 185 | 196 | 174 | 58 |
| | | | B | 393 | 336 | 336 | | B | 207 | 196 | 196 | |
| | | | C | 202 | 68 | 336 | | C | 185 | 174 | 196 | |
| | | | D | 11 | 68 | 68 | | D | 164 | 174 | 174 | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=174 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
| 10 | 20,40 | 35 | A | 203 | 341 | 65 | 33 | A | 187 | 211 | 162 | 61 |
| | | | B | 400 | 341 | 341 | | B | 227 | 211 | 211 | |
| | | | C | 203 | 65 | 341 | | C | 187 | 162 | 211 | |
| | | | D | 6 | 65 | 65 | | D | 146 | 162 | 162 | |
| 11 | 22,35 | 35 | A | 204 | 347 | 62 | 33 | A | 188 | 226 | 150 | 64 |
| | | | B | 408 | 347 | 347 | | B | 250 | 226 | 226 | |
| | | | C | 204 | 62 | 347 | | C | 188 | 150 | 226 | |
| | | | D | 0 | 62 | 62 | | D | 126 | 150 | 150 | |
| 12 | 24,30 | 35 | A | 200 | 353 | 58 | 34 | A | 189 | 242 | 136 | 67 |
| | | | B | 422 | 353 | 353 | | B | 273 | 242 | 242 | |
| | | | C | 200 | 58 | 353 | | C | 189 | 136 | 242 | |
| | | | D | 0 | 58 | 58 | | D | 105 | 136 | 136 | |
| 13 | 26,25 | 40 | A | 219 | 372 | 67 | 35 | A | 203 | 272 | 134 | 70 |
| | | | B | 438 | 372 | 372 | | B | 311 | 272 | 272 | |
| | | | C | 219 | 67 | 372 | | C | 203 | 134 | 272 | |
| | | | D | 1 | 67 | 67 | | D | 94 | 134 | 134 | |
| 14 | 28,20 | 40 | A | 215 | 378 | 63 | 35 | A | 204 | 290 | 118 | 74 |
| | | | B | 452 | 378 | 378 | | B | 338 | 290 | 290 | |
| | | | C | 215 | 63 | 378 | | C | 204 | 118 | 290 | |
| | | | D | 0 | 63 | 63 | | D | 70 | 118 | 118 | |
| 15 | 30,15 | 45 | A | 234 | 397 | 71 | 36 | A | 218 | 322 | 114 | 77 |
| | | | B | 468 | 397 | 397 | | B | 379 | 322 | 322 | |
| | | | C | 234 | 71 | 397 | | C | 218 | 114 | 322 | |
| | | | D | 0 | 71 | 71 | | D | 57 | 114 | 114 | |
| 16 | 32,10 | 50 | A | 248 | 416 | 80 | 37 | A | 231 | 354 | 109 | 80 |
| | | | B | 490 | 416 | 416 | | B | 421 | 354 | 354 | |
| | | | C | 248 | 80 | 416 | | C | 231 | 109 | 354 | |
| | | | D | 6 | 80 | 80 | | D | 42 | 109 | 109 | |
| 17 | 34,05 | 55 | A | 262 | 436 | 88 | 37 | A | 245 | 388 | 102 | 84 |
| | | | B | 512 | 436 | 436 | | B | 465 | 388 | 388 | |
| | | | C | 262 | 88 | 436 | | C | 245 | 102 | 388 | |
| | | | D | 11 | 88 | 88 | | D | 25 | 102 | 102 | |
| 18 | 36,00 | 60 | A | 275 | 455 | 96 | 38 | A | 259 | 423 | 95 | 87 |
| | | | B | 535 | 455 | 455 | | B | 511 | 423 | 423 | |
| | | | C | 275 | 96 | 455 | | C | 259 | 95 | 423 | |
| | | | D | 16 | 96 | 96 | | D | 7 | 95 | 95 | |
| 19 | 37,95 | 65 | A | 289 | 475 | 103 | 39 | A | 259 | 459 | 87 | 90 |
| | | | B | 558 | 475 | 475 | | B | 572 | 459 | 459 | |
| | | | C | 289 | 103 | 475 | | C | 259 | 87 | 459 | |
| | | | D | 21 | 103 | 103 | | D | 0 | 87 | 87 | |
| 20 | 39,90 | 70 | A | 303 | 495 | 111 | 40 | A | 252 | 496 | 77 | 94 |
| | | | B | 581 | 495 | 495 | | B | 642 | 496 | 496 | |
| | | | C | 303 | 111 | 495 | | C | 252 | 77 | 496 | |
| | | | D | 25 | 111 | 111 | | D | 0 | 77 | 77 | |
| 21 | 41,85 | 80 | A | 329 | 528 | 131 | 40 | A | 267 | 546 | 79 | 97 |
| | | | B | 616 | 528 | 528 | | B | 716 | 546 | 546 | |
| | | | C | 329 | 131 | 528 | | C | 267 | 79 | 546 | |
| | | | D | 42 | 131 | 131 | | D | 0 | 79 | 79 | |
| 22 | 43,80 | 85 | A | 343 | 548 | 138 | 41 | A | 256 | 585 | 67 | 101 |
| | | | B | 640 | 548 | 548 | | B | 793 | 585 | 585 | |
| | | | C | 343 | 138 | 548 | | C | 256 | 67 | 585 | |
| | | | D | 46 | 138 | 138 | | D | 0 | 67 | 67 | |

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3.4 Ausleger 50,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 50,00 m

Turmsystem: 100LC

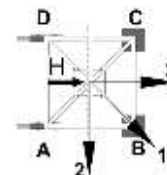
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=171 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|------------|------------|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 2 | 4,80 | 30 | A | 181 | 293 | 69 | 27 | A | 163 | 105 | 221 | 34 |
| | | | B | 340 | 293 | 293 | | B | 82 | 105 | 105 | |
| | | | C | 181 | 69 | 293 | | C | 163 | 221 | 105 | |
| | | | D | 22 | 69 | 69 | | D | 244 | 221 | 221 | |
| 3 | 6,75 | 30 | A | 182 | 298 | 67 | 28 | A | 164 | 111 | 217 | 37 |
| | | | B | 346 | 298 | 298 | | B | 91 | 111 | 111 | |
| | | | C | 182 | 67 | 298 | | C | 164 | 217 | 111 | |
| | | | D | 18 | 67 | 67 | | D | 237 | 217 | 217 | |
| 4 | 8,70 | 30 | A | 183 | 302 | 65 | 28 | A | 165 | 119 | 212 | 39 |
| | | | B | 352 | 302 | 302 | | B | 101 | 119 | 119 | |
| | | | C | 183 | 65 | 302 | | C | 165 | 212 | 119 | |
| | | | D | 15 | 65 | 65 | | D | 229 | 212 | 212 | |
| 5 | 10,65 | 30 | A | 185 | 307 | 62 | 29 | A | 166 | 127 | 206 | 42 |
| | | | B | 358 | 307 | 307 | | B | 113 | 127 | 127 | |
| | | | C | 185 | 62 | 307 | | C | 166 | 206 | 127 | |
| | | | D | 11 | 62 | 62 | | D | 220 | 206 | 206 | |
| 6 | 12,60 | 30 | A | 186 | 312 | 60 | 30 | A | 168 | 136 | 199 | 45 |
| | | | B | 365 | 312 | 312 | | B | 126 | 136 | 136 | |
| | | | C | 186 | 60 | 312 | | C | 168 | 199 | 136 | |
| | | | D | 7 | 60 | 60 | | D | 209 | 199 | 199 | |
| 7 | 14,55 | 30 | A | 187 | 317 | 57 | 30 | A | 169 | 147 | 191 | 48 |
| | | | B | 372 | 317 | 317 | | B | 141 | 147 | 147 | |
| | | | C | 187 | 57 | 317 | | C | 169 | 191 | 147 | |
| | | | D | 2 | 57 | 57 | | D | 197 | 191 | 191 | |
| 8 | 16,50 | 35 | A | 201 | 335 | 67 | 31 | A | 184 | 181 | 187 | 55 |
| | | | B | 391 | 335 | 335 | | B | 185 | 181 | 181 | |
| | | | C | 201 | 67 | 335 | | C | 184 | 187 | 181 | |
| | | | D | 10 | 67 | 67 | | D | 183 | 187 | 187 | |
| 9 | 18,45 | 35 | A | 202 | 340 | 64 | 32 | A | 185 | 195 | 176 | 58 |
| | | | B | 399 | 340 | 340 | | B | 204 | 195 | 195 | |
| | | | C | 202 | 64 | 340 | | C | 185 | 176 | 195 | |
| | | | D | 5 | 64 | 64 | | D | 167 | 176 | 176 | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=171 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 35 | A | 203 | 346 | 61 | 32 | A | 187 | 209 | 164 | 61 |
| | | | B | 407 | 346 | 346 | | B | 225 | 209 | 209 | |
| | | | C | 203 | 61 | 346 | | C | 187 | 164 | 209 | |
| | | | D | 0 | 61 | 61 | | D | 148 | 164 | 164 | |
| 11 | 22,35 | 35 | A | 198 | 352 | 57 | 33 | A | 188 | 224 | 152 | 64 |
| | | | B | 421 | 352 | 352 | | B | 247 | 224 | 224 | |
| | | | C | 198 | 57 | 352 | | C | 188 | 152 | 224 | |
| | | | D | 0 | 57 | 57 | | D | 129 | 152 | 152 | |
| 12 | 24,30 | 35 | A | 194 | 358 | 54 | 34 | A | 189 | 240 | 138 | 67 |
| | | | B | 435 | 358 | 358 | | B | 271 | 240 | 240 | |
| | | | C | 194 | 54 | 358 | | C | 189 | 138 | 240 | |
| | | | D | 0 | 54 | 54 | | D | 107 | 138 | 138 | |
| 13 | 26,25 | 35 | A | 189 | 364 | 50 | 35 | A | 190 | 257 | 123 | 70 |
| | | | B | 449 | 364 | 364 | | B | 296 | 257 | 257 | |
| | | | C | 189 | 50 | 364 | | C | 190 | 123 | 257 | |
| | | | D | 0 | 50 | 50 | | D | 84 | 123 | 123 | |
| 14 | 28,20 | 40 | A | 209 | 383 | 58 | 35 | A | 204 | 288 | 120 | 74 |
| | | | B | 465 | 383 | 383 | | B | 335 | 288 | 288 | |
| | | | C | 209 | 58 | 383 | | C | 204 | 120 | 288 | |
| | | | D | 0 | 58 | 58 | | D | 73 | 120 | 120 | |
| 15 | 30,15 | 45 | A | 228 | 402 | 67 | 36 | A | 218 | 320 | 116 | 77 |
| | | | B | 481 | 402 | 402 | | B | 376 | 320 | 320 | |
| | | | C | 228 | 67 | 402 | | C | 218 | 116 | 320 | |
| | | | D | 0 | 67 | 67 | | D | 59 | 116 | 116 | |
| 16 | 32,10 | 50 | A | 248 | 421 | 75 | 37 | A | 231 | 353 | 110 | 80 |
| | | | B | 497 | 421 | 421 | | B | 419 | 353 | 353 | |
| | | | C | 248 | 75 | 421 | | C | 231 | 110 | 353 | |
| | | | D | 0 | 75 | 75 | | D | 44 | 110 | 110 | |
| 17 | 34,05 | 55 | A | 262 | 440 | 83 | 37 | A | 245 | 386 | 104 | 84 |
| | | | B | 519 | 440 | 440 | | B | 463 | 386 | 386 | |
| | | | C | 262 | 83 | 440 | | C | 245 | 104 | 386 | |
| | | | D | 5 | 83 | 83 | | D | 27 | 104 | 104 | |
| 18 | 36,00 | 60 | A | 275 | 460 | 91 | 38 | A | 259 | 421 | 97 | 87 |
| | | | B | 541 | 460 | 460 | | B | 509 | 421 | 421 | |
| | | | C | 275 | 91 | 460 | | C | 259 | 97 | 421 | |
| | | | D | 10 | 91 | 91 | | D | 9 | 97 | 97 | |
| 19 | 37,95 | 65 | A | 289 | 480 | 99 | 39 | A | 262 | 457 | 88 | 90 |
| | | | B | 564 | 480 | 480 | | B | 567 | 457 | 457 | |
| | | | C | 289 | 99 | 480 | | C | 262 | 88 | 457 | |
| | | | D | 15 | 99 | 99 | | D | 0 | 88 | 88 | |
| 20 | 39,90 | 70 | A | 303 | 500 | 106 | 39 | A | 254 | 494 | 79 | 94 |
| | | | B | 587 | 500 | 500 | | B | 637 | 494 | 494 | |
| | | | C | 303 | 106 | 500 | | C | 254 | 79 | 494 | |
| | | | D | 19 | 106 | 106 | | D | 0 | 79 | 79 | |
| 21 | 41,85 | 80 | A | 329 | 532 | 126 | 40 | A | 270 | 544 | 81 | 97 |
| | | | B | 623 | 532 | 532 | | B | 711 | 544 | 544 | |
| | | | C | 329 | 126 | 532 | | C | 270 | 81 | 544 | |
| | | | D | 36 | 126 | 126 | | D | 0 | 81 | 81 | |
| 22 | 43,80 | 85 | A | 343 | 552 | 133 | 41 | A | 259 | 583 | 69 | 101 |
| | | | B | 646 | 552 | 552 | | B | 788 | 583 | 583 | |
| | | | C | 343 | 133 | 552 | | C | 259 | 69 | 583 | |
| | | | D | 40 | 133 | 133 | | D | 0 | 69 | 69 | |

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3.5 Ausleger 47,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 47,50 m

Turmsystem: 100LC

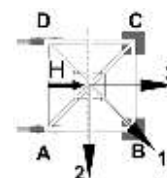
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=162 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 35 | A | 192 | 305 | 79 | 26 | A | 174 | 111 | 236 | 34 | |
| | | | B | 352 | 305 | 305 | | B | 87 | 111 | 111 | | |
| | | | C | 192 | 79 | 305 | | C | 174 | 236 | 111 | | |
| | | | D | 32 | 79 | 79 | | D | 260 | 236 | 236 | | |
| 3 | 6,75 | 35 | A | 193 | 309 | 77 | 27 | A | 175 | 118 | 232 | 37 | |
| | | | B | 357 | 309 | 309 | | B | 96 | 118 | 118 | | |
| | | | C | 193 | 77 | 309 | | C | 175 | 232 | 118 | | |
| | | | D | 28 | 77 | 77 | | D | 254 | 232 | 232 | | |
| 4 | 8,70 | 35 | A | 194 | 314 | 75 | 28 | A | 176 | 125 | 227 | 39 | |
| | | | B | 363 | 314 | 314 | | B | 106 | 125 | 125 | | |
| | | | C | 194 | 75 | 314 | | C | 176 | 227 | 125 | | |
| | | | D | 25 | 75 | 75 | | D | 246 | 227 | 227 | | |
| 5 | 10,65 | 35 | A | 195 | 318 | 72 | 29 | A | 177 | 134 | 221 | 42 | |
| | | | B | 370 | 318 | 318 | | B | 118 | 134 | 134 | | |
| | | | C | 195 | 72 | 318 | | C | 177 | 221 | 134 | | |
| | | | D | 21 | 72 | 72 | | D | 237 | 221 | 221 | | |
| 6 | 12,60 | 35 | A | 197 | 323 | 70 | 29 | A | 178 | 143 | 214 | 45 | |
| | | | B | 376 | 323 | 323 | | B | 131 | 143 | 143 | | |
| | | | C | 197 | 70 | 323 | | C | 178 | 214 | 143 | | |
| | | | D | 17 | 70 | 70 | | D | 226 | 214 | 214 | | |
| 7 | 14,55 | 35 | A | 198 | 328 | 67 | 30 | A | 180 | 153 | 206 | 48 | |
| | | | B | 383 | 328 | 328 | | B | 146 | 153 | 153 | | |
| | | | C | 198 | 67 | 328 | | C | 180 | 206 | 153 | | |
| | | | D | 12 | 67 | 67 | | D | 213 | 206 | 206 | | |
| 8 | 16,50 | 35 | A | 199 | 334 | 64 | 31 | A | 181 | 164 | 197 | 51 | |
| | | | B | 391 | 334 | 334 | | B | 162 | 164 | 164 | | |
| | | | C | 199 | 64 | 334 | | C | 181 | 197 | 164 | | |
| | | | D | 7 | 64 | 64 | | D | 200 | 197 | 197 | | |
| 9 | 18,45 | 35 | A | 200 | 339 | 61 | 31 | A | 184 | 189 | 179 | 58 | |
| | | | B | 398 | 339 | 339 | | B | 196 | 189 | 189 | | |
| | | | C | 200 | 61 | 339 | | C | 184 | 179 | 189 | | |
| | | | D | 2 | 61 | 61 | | D | 171 | 179 | 179 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=162 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
| 10 | 20,40 | 35 | A | 198 | 345 | 58 | 32 | A | 185 | 203 | 167 | 61 |
| | | | B | 409 | 345 | 345 | | B | 217 | 203 | 203 | |
| | | | C | 198 | 58 | 345 | | C | 185 | 167 | 203 | |
| | | | D | 0 | 58 | 58 | | D | 153 | 167 | 167 | |
| 11 | 22,35 | 40 | A | 215 | 363 | 67 | 33 | A | 199 | 231 | 167 | 64 |
| | | | B | 426 | 363 | 363 | | B | 252 | 231 | 231 | |
| | | | C | 215 | 67 | 363 | | C | 199 | 167 | 231 | |
| | | | D | 4 | 67 | 67 | | D | 145 | 167 | 167 | |
| 12 | 24,30 | 40 | A | 214 | 369 | 64 | 33 | A | 200 | 247 | 153 | 67 |
| | | | B | 437 | 369 | 369 | | B | 276 | 247 | 247 | |
| | | | C | 214 | 64 | 369 | | C | 200 | 153 | 247 | |
| | | | D | 0 | 64 | 64 | | D | 124 | 153 | 153 | |
| 13 | 26,25 | 40 | A | 210 | 375 | 60 | 34 | A | 201 | 264 | 138 | 70 |
| | | | B | 451 | 375 | 375 | | B | 301 | 264 | 264 | |
| | | | C | 210 | 60 | 375 | | C | 201 | 138 | 264 | |
| | | | D | 0 | 60 | 60 | | D | 101 | 138 | 138 | |
| 14 | 28,20 | 40 | A | 204 | 382 | 56 | 35 | A | 202 | 282 | 122 | 74 |
| | | | B | 467 | 382 | 382 | | B | 328 | 282 | 282 | |
| | | | C | 204 | 56 | 382 | | C | 202 | 122 | 282 | |
| | | | D | 0 | 56 | 56 | | D | 77 | 122 | 122 | |
| 15 | 30,15 | 45 | A | 224 | 401 | 64 | 35 | A | 216 | 314 | 118 | 77 |
| | | | B | 482 | 401 | 401 | | B | 369 | 314 | 314 | |
| | | | C | 224 | 64 | 401 | | C | 216 | 118 | 314 | |
| | | | D | 0 | 64 | 64 | | D | 63 | 118 | 118 | |
| 16 | 32,10 | 50 | A | 243 | 420 | 73 | 36 | A | 230 | 346 | 113 | 80 |
| | | | B | 499 | 420 | 420 | | B | 411 | 346 | 346 | |
| | | | C | 243 | 73 | 420 | | C | 230 | 113 | 346 | |
| | | | D | 0 | 73 | 73 | | D | 48 | 113 | 113 | |
| 17 | 34,05 | 55 | A | 260 | 439 | 81 | 37 | A | 243 | 380 | 107 | 84 |
| | | | B | 518 | 439 | 439 | | B | 455 | 380 | 380 | |
| | | | C | 260 | 81 | 439 | | C | 243 | 107 | 380 | |
| | | | D | 2 | 81 | 81 | | D | 32 | 107 | 107 | |
| 18 | 36,00 | 60 | A | 274 | 459 | 89 | 38 | A | 257 | 415 | 99 | 87 |
| | | | B | 540 | 459 | 459 | | B | 501 | 415 | 415 | |
| | | | C | 274 | 89 | 459 | | C | 257 | 99 | 415 | |
| | | | D | 7 | 89 | 89 | | D | 13 | 99 | 99 | |
| 19 | 37,95 | 70 | A | 300 | 491 | 109 | 38 | A | 283 | 463 | 103 | 90 |
| | | | B | 575 | 491 | 491 | | B | 561 | 463 | 463 | |
| | | | C | 300 | 109 | 491 | | C | 283 | 103 | 463 | |
| | | | D | 24 | 109 | 109 | | D | 6 | 103 | 103 | |
| 20 | 39,90 | 75 | A | 314 | 511 | 116 | 39 | A | 282 | 500 | 94 | 94 |
| | | | B | 598 | 511 | 511 | | B | 625 | 500 | 500 | |
| | | | C | 314 | 116 | 511 | | C | 282 | 94 | 500 | |
| | | | D | 29 | 116 | 116 | | D | 0 | 94 | 94 | |
| 21 | 41,85 | 80 | A | 327 | 531 | 124 | 40 | A | 272 | 538 | 83 | 97 |
| | | | B | 622 | 531 | 531 | | B | 699 | 538 | 538 | |
| | | | C | 327 | 124 | 531 | | C | 272 | 83 | 538 | |
| | | | D | 33 | 124 | 124 | | D | 0 | 83 | 83 | |
| 22 | 43,80 | 90 | A | 354 | 564 | 143 | 40 | A | 286 | 590 | 84 | 101 |
| | | | B | 658 | 564 | 564 | | B | 776 | 590 | 590 | |
| | | | C | 354 | 143 | 564 | | C | 286 | 84 | 590 | |
| | | | D | 49 | 143 | 143 | | D | 0 | 84 | 84 | |

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3.6 Ausleger 45,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 45,00 m

Turmsystem: 100LC

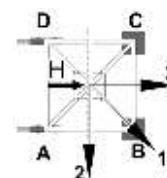
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=155 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 35 | A | 192 | 305 | 78 | 26 | A | 173 | 108 | 239 | 34 | |
| | | | B | 352 | 305 | 305 | | B | 82 | 108 | 108 | | |
| | | | C | 192 | 78 | 305 | | C | 173 | 239 | 108 | | |
| | | | D | 31 | 78 | 78 | | D | 265 | 239 | 239 | | |
| 3 | 6,75 | 35 | A | 193 | 309 | 76 | 27 | A | 175 | 115 | 235 | 37 | |
| | | | B | 358 | 309 | 309 | | B | 91 | 115 | 115 | | |
| | | | C | 193 | 76 | 309 | | C | 175 | 235 | 115 | | |
| | | | D | 28 | 76 | 76 | | D | 258 | 235 | 235 | | |
| 4 | 8,70 | 30 | A | 181 | 301 | 62 | 28 | A | 163 | 109 | 217 | 39 | |
| | | | B | 351 | 301 | 301 | | B | 89 | 109 | 109 | | |
| | | | C | 181 | 62 | 301 | | C | 163 | 217 | 109 | | |
| | | | D | 12 | 62 | 62 | | D | 238 | 217 | 217 | | |
| 5 | 10,65 | 35 | A | 195 | 319 | 72 | 28 | A | 179 | 138 | 219 | 45 | |
| | | | B | 370 | 319 | 319 | | B | 124 | 138 | 138 | | |
| | | | C | 195 | 72 | 319 | | C | 179 | 219 | 138 | | |
| | | | D | 20 | 72 | 72 | | D | 233 | 219 | 219 | | |
| 6 | 12,60 | 35 | A | 196 | 323 | 69 | 29 | A | 178 | 140 | 217 | 45 | |
| | | | B | 377 | 323 | 323 | | B | 127 | 140 | 140 | | |
| | | | C | 196 | 69 | 323 | | C | 178 | 217 | 140 | | |
| | | | D | 16 | 69 | 69 | | D | 230 | 217 | 217 | | |
| 7 | 14,55 | 35 | A | 198 | 329 | 67 | 30 | A | 180 | 150 | 209 | 48 | |
| | | | B | 384 | 329 | 329 | | B | 142 | 150 | 150 | | |
| | | | C | 198 | 67 | 329 | | C | 180 | 209 | 150 | | |
| | | | D | 12 | 67 | 67 | | D | 218 | 209 | 209 | | |
| 8 | 16,50 | 35 | A | 199 | 334 | 64 | 30 | A | 181 | 161 | 200 | 51 | |
| | | | B | 391 | 334 | 334 | | B | 158 | 161 | 161 | | |
| | | | C | 199 | 64 | 334 | | C | 181 | 200 | 161 | | |
| | | | D | 7 | 64 | 64 | | D | 204 | 200 | 200 | | |
| 9 | 18,45 | 35 | A | 200 | 339 | 61 | 31 | A | 184 | 186 | 181 | 58 | |
| | | | B | 398 | 339 | 339 | | B | 192 | 186 | 186 | | |
| | | | C | 200 | 61 | 339 | | C | 184 | 181 | 186 | | |
| | | | D | 2 | 61 | 61 | | D | 175 | 181 | 181 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=155 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
| 10 | 20,40 | 35 | A | 198 | 345 | 58 | 32 | A | 185 | 200 | 170 | 61 |
| | | | B | 410 | 345 | 345 | | B | 213 | 200 | 200 | |
| | | | C | 198 | 58 | 345 | | C | 185 | 170 | 200 | |
| | | | D | 0 | 58 | 58 | | D | 157 | 170 | 170 | |
| 11 | 22,35 | 35 | A | 193 | 351 | 54 | 32 | A | 186 | 215 | 157 | 64 |
| | | | B | 423 | 351 | 351 | | B | 235 | 215 | 215 | |
| | | | C | 193 | 54 | 351 | | C | 186 | 157 | 215 | |
| | | | D | 0 | 54 | 54 | | D | 137 | 157 | 157 | |
| 12 | 24,30 | 35 | A | 189 | 357 | 51 | 33 | A | 187 | 231 | 143 | 67 |
| | | | B | 438 | 357 | 357 | | B | 259 | 231 | 231 | |
| | | | C | 189 | 51 | 357 | | C | 187 | 143 | 231 | |
| | | | D | 0 | 51 | 51 | | D | 116 | 143 | 143 | |
| 13 | 26,25 | 40 | A | 209 | 375 | 60 | 34 | A | 201 | 261 | 141 | 70 |
| | | | B | 452 | 375 | 375 | | B | 296 | 261 | 261 | |
| | | | C | 209 | 60 | 375 | | C | 201 | 141 | 261 | |
| | | | D | 0 | 60 | 60 | | D | 105 | 141 | 141 | |
| 14 | 28,20 | 40 | A | 204 | 382 | 56 | 35 | A | 202 | 279 | 125 | 74 |
| | | | B | 468 | 382 | 382 | | B | 323 | 279 | 279 | |
| | | | C | 204 | 56 | 382 | | C | 202 | 125 | 279 | |
| | | | D | 0 | 56 | 56 | | D | 81 | 125 | 125 | |
| 15 | 30,15 | 45 | A | 223 | 401 | 64 | 35 | A | 216 | 311 | 121 | 77 |
| | | | B | 483 | 401 | 401 | | B | 364 | 311 | 311 | |
| | | | C | 223 | 64 | 401 | | C | 216 | 121 | 311 | |
| | | | D | 0 | 64 | 64 | | D | 68 | 121 | 121 | |
| 16 | 32,10 | 55 | A | 259 | 433 | 85 | 36 | A | 242 | 356 | 128 | 80 |
| | | | B | 509 | 433 | 433 | | B | 419 | 356 | 356 | |
| | | | C | 259 | 85 | 433 | | C | 242 | 128 | 356 | |
| | | | D | 9 | 85 | 85 | | D | 65 | 128 | 128 | |
| 17 | 34,05 | 60 | A | 272 | 452 | 93 | 37 | A | 256 | 390 | 122 | 84 |
| | | | B | 531 | 452 | 452 | | B | 463 | 390 | 390 | |
| | | | C | 272 | 93 | 452 | | C | 256 | 122 | 390 | |
| | | | D | 14 | 93 | 93 | | D | 48 | 122 | 122 | |
| 18 | 36,00 | 65 | A | 286 | 471 | 101 | 37 | A | 270 | 424 | 115 | 87 |
| | | | B | 553 | 471 | 471 | | B | 509 | 424 | 424 | |
| | | | C | 286 | 101 | 471 | | C | 270 | 115 | 424 | |
| | | | D | 19 | 101 | 101 | | D | 30 | 115 | 115 | |
| 19 | 37,95 | 70 | A | 300 | 491 | 108 | 38 | A | 283 | 460 | 106 | 90 |
| | | | B | 576 | 491 | 491 | | B | 556 | 460 | 460 | |
| | | | C | 300 | 108 | 491 | | C | 283 | 106 | 460 | |
| | | | D | 24 | 108 | 108 | | D | 10 | 106 | 106 | |
| 20 | 39,90 | 75 | A | 314 | 511 | 116 | 39 | A | 286 | 497 | 97 | 94 |
| | | | B | 599 | 511 | 511 | | B | 617 | 497 | 497 | |
| | | | C | 314 | 116 | 511 | | C | 286 | 97 | 497 | |
| | | | D | 28 | 116 | 116 | | D | 0 | 97 | 97 | |
| 21 | 41,85 | 80 | A | 327 | 531 | 123 | 39 | A | 276 | 535 | 86 | 97 |
| | | | B | 622 | 531 | 531 | | B | 690 | 535 | 535 | |
| | | | C | 327 | 123 | 531 | | C | 276 | 86 | 535 | |
| | | | D | 32 | 123 | 123 | | D | 0 | 86 | 86 | |
| 22 | 43,80 | 90 | A | 354 | 564 | 143 | 40 | A | 290 | 587 | 87 | 101 |
| | | | B | 658 | 564 | 564 | | B | 767 | 587 | 587 | |
| | | | C | 354 | 143 | 564 | | C | 290 | 87 | 587 | |
| | | | D | 49 | 143 | 143 | | D | 0 | 87 | 87 | |

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3.7 Ausleger 42,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 42,50 m

Turmsystem: 100LC

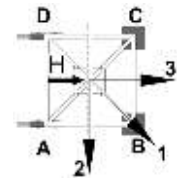
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=145 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|------------|------------|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 35 | A | 190 | 305 | 75 | 26 | A | 172 | 103 | 240 | 34 | |
| | | | B | 352 | 305 | 305 | | B | 76 | 103 | 103 | | |
| | | | C | 190 | 75 | 305 | | C | 172 | 240 | 103 | | |
| | | | D | 27 | 75 | 75 | | D | 268 | 240 | 240 | | |
| 3 | 6,75 | 35 | A | 191 | 309 | 73 | 26 | A | 173 | 110 | 236 | 37 | |
| | | | B | 358 | 309 | 309 | | B | 85 | 110 | 110 | | |
| | | | C | 191 | 73 | 309 | | C | 173 | 236 | 110 | | |
| | | | D | 24 | 73 | 73 | | D | 261 | 236 | 236 | | |
| 4 | 8,70 | 35 | A | 192 | 314 | 71 | 27 | A | 174 | 117 | 231 | 39 | |
| | | | B | 364 | 314 | 314 | | B | 95 | 117 | 117 | | |
| | | | C | 192 | 71 | 314 | | C | 174 | 231 | 117 | | |
| | | | D | 20 | 71 | 71 | | D | 253 | 231 | 231 | | |
| 5 | 10,65 | 35 | A | 193 | 318 | 69 | 28 | A | 175 | 125 | 225 | 42 | |
| | | | B | 371 | 318 | 318 | | B | 107 | 125 | 125 | | |
| | | | C | 193 | 69 | 318 | | C | 175 | 225 | 125 | | |
| | | | D | 16 | 69 | 69 | | D | 244 | 225 | 225 | | |
| 6 | 12,60 | 35 | A | 195 | 323 | 66 | 29 | A | 177 | 135 | 219 | 45 | |
| | | | B | 377 | 323 | 323 | | B | 120 | 135 | 135 | | |
| | | | C | 195 | 66 | 323 | | C | 177 | 219 | 135 | | |
| | | | D | 12 | 66 | 66 | | D | 233 | 219 | 219 | | |
| 7 | 14,55 | 35 | A | 196 | 328 | 63 | 29 | A | 178 | 145 | 211 | 48 | |
| | | | B | 384 | 328 | 328 | | B | 135 | 145 | 145 | | |
| | | | C | 196 | 63 | 328 | | C | 178 | 211 | 145 | | |
| | | | D | 8 | 63 | 63 | | D | 221 | 211 | 211 | | |
| 8 | 16,50 | 35 | A | 200 | 334 | 61 | 30 | A | 179 | 156 | 202 | 51 | |
| | | | B | 389 | 334 | 334 | | B | 151 | 156 | 156 | | |
| | | | C | 200 | 61 | 334 | | C | 179 | 202 | 156 | | |
| | | | D | 0 | 61 | 61 | | D | 207 | 202 | 202 | | |
| 9 | 18,45 | 30 | A | 171 | 327 | 45 | 31 | A | 168 | 156 | 180 | 54 | |
| | | | B | 401 | 327 | 327 | | B | 156 | 156 | 156 | | |
| | | | C | 171 | 45 | 327 | | C | 168 | 180 | 156 | | |
| | | | D | 0 | 45 | 45 | | D | 179 | 180 | 180 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=145 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 30 | A | 167 | 332 | 42 | 31 | A | 170 | 182 | 159 | 61 |
| | | | B | 414 | 332 | 332 | | B | 194 | 182 | 182 | |
| | | | C | 167 | 42 | 332 | | C | 170 | 159 | 182 | |
| | | | D | 0 | 42 | 42 | | D | 147 | 159 | 159 | |
| 11 | 22,35 | 30 | A | 163 | 338 | 39 | 32 | A | 172 | 197 | 146 | 64 |
| | | | B | 428 | 338 | 338 | | B | 216 | 197 | 197 | |
| | | | C | 163 | 39 | 338 | | C | 172 | 146 | 197 | |
| | | | D | 0 | 39 | 39 | | D | 128 | 146 | 146 | |
| 12 | 24,30 | 35 | A | 183 | 357 | 47 | 33 | A | 185 | 226 | 145 | 67 |
| | | | B | 442 | 357 | 357 | | B | 252 | 226 | 226 | |
| | | | C | 183 | 47 | 357 | | C | 185 | 145 | 226 | |
| | | | D | 0 | 47 | 47 | | D | 119 | 145 | 145 | |
| 13 | 26,25 | 40 | A | 203 | 375 | 56 | 33 | A | 199 | 256 | 143 | 70 |
| | | | B | 457 | 375 | 375 | | B | 290 | 256 | 256 | |
| | | | C | 203 | 56 | 375 | | C | 199 | 143 | 256 | |
| | | | D | 0 | 56 | 56 | | D | 108 | 143 | 143 | |
| 14 | 28,20 | 45 | A | 223 | 394 | 65 | 34 | A | 213 | 286 | 139 | 74 |
| | | | B | 472 | 394 | 394 | | B | 329 | 286 | 286 | |
| | | | C | 223 | 65 | 394 | | C | 213 | 139 | 286 | |
| | | | D | 0 | 65 | 65 | | D | 97 | 139 | 139 | |
| 15 | 30,15 | 50 | A | 243 | 413 | 73 | 35 | A | 227 | 318 | 135 | 77 |
| | | | B | 488 | 413 | 413 | | B | 370 | 318 | 318 | |
| | | | C | 243 | 73 | 413 | | C | 227 | 135 | 318 | |
| | | | D | 0 | 73 | 73 | | D | 83 | 135 | 135 | |
| 16 | 32,10 | 55 | A | 257 | 432 | 82 | 36 | A | 240 | 351 | 130 | 80 |
| | | | B | 509 | 432 | 432 | | B | 413 | 351 | 351 | |
| | | | C | 257 | 82 | 432 | | C | 240 | 130 | 351 | |
| | | | D | 5 | 82 | 82 | | D | 68 | 130 | 130 | |
| 17 | 34,05 | 60 | A | 271 | 452 | 90 | 36 | A | 254 | 384 | 124 | 84 |
| | | | B | 531 | 452 | 452 | | B | 457 | 384 | 384 | |
| | | | C | 271 | 90 | 452 | | C | 254 | 124 | 384 | |
| | | | D | 10 | 90 | 90 | | D | 51 | 124 | 124 | |
| 18 | 36,00 | 65 | A | 284 | 471 | 97 | 37 | A | 268 | 419 | 116 | 87 |
| | | | B | 554 | 471 | 471 | | B | 502 | 419 | 419 | |
| | | | C | 284 | 97 | 471 | | C | 268 | 116 | 419 | |
| | | | D | 15 | 97 | 97 | | D | 33 | 116 | 116 | |
| 19 | 37,95 | 70 | A | 298 | 491 | 105 | 38 | A | 282 | 455 | 108 | 90 |
| | | | B | 576 | 491 | 491 | | B | 550 | 455 | 455 | |
| | | | C | 298 | 105 | 491 | | C | 282 | 108 | 455 | |
| | | | D | 20 | 105 | 105 | | D | 13 | 108 | 108 | |
| 20 | 39,90 | 80 | A | 324 | 523 | 125 | 38 | A | 308 | 505 | 111 | 94 |
| | | | B | 612 | 523 | 523 | | B | 611 | 505 | 505 | |
| | | | C | 324 | 125 | 523 | | C | 308 | 111 | 505 | |
| | | | D | 37 | 125 | 125 | | D | 4 | 111 | 111 | |
| 21 | 41,85 | 85 | A | 338 | 544 | 133 | 39 | A | 303 | 543 | 100 | 97 |
| | | | B | 635 | 544 | 544 | | B | 681 | 543 | 543 | |
| | | | C | 338 | 133 | 544 | | C | 303 | 100 | 543 | |
| | | | D | 41 | 133 | 133 | | D | 0 | 100 | 100 | |
| 22 | 43,80 | 90 | A | 352 | 564 | 140 | 40 | A | 291 | 582 | 89 | 101 |
| | | | B | 659 | 564 | 564 | | B | 758 | 582 | 582 | |
| | | | C | 352 | 140 | 564 | | C | 291 | 89 | 582 | |
| | | | D | 45 | 140 | 140 | | D | 0 | 89 | 89 | |

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3.8 Ausleger 40,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 40,00 m

Turmsystem: 100LC

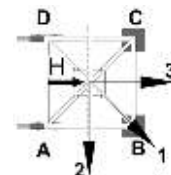
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=133 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|------------|------------|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 40 | A | 199 | 318 | 81 | 25 | A | 181 | 113 | 249 | 34 | |
| | | | B | 367 | 318 | 318 | | B | 86 | 113 | 113 | | |
| | | | C | 199 | 81 | 318 | | C | 181 | 249 | 113 | | |
| | | | D | 31 | 81 | 81 | | D | 276 | 249 | 249 | | |
| 3 | 6,75 | 40 | A | 200 | 322 | 79 | 26 | A | 182 | 120 | 245 | 37 | |
| | | | B | 373 | 322 | 322 | | B | 95 | 120 | 120 | | |
| | | | C | 200 | 79 | 322 | | C | 182 | 245 | 120 | | |
| | | | D | 28 | 79 | 79 | | D | 270 | 245 | 245 | | |
| 4 | 8,70 | 40 | A | 202 | 327 | 76 | 27 | A | 184 | 127 | 240 | 39 | |
| | | | B | 379 | 327 | 327 | | B | 105 | 127 | 127 | | |
| | | | C | 202 | 76 | 327 | | C | 184 | 240 | 127 | | |
| | | | D | 24 | 76 | 76 | | D | 262 | 240 | 240 | | |
| 5 | 10,65 | 35 | A | 190 | 319 | 62 | 27 | A | 172 | 123 | 222 | 42 | |
| | | | B | 373 | 319 | 319 | | B | 105 | 123 | 123 | | |
| | | | C | 190 | 62 | 319 | | C | 172 | 222 | 123 | | |
| | | | D | 8 | 62 | 62 | | D | 240 | 222 | 222 | | |
| 6 | 12,60 | 35 | A | 192 | 324 | 59 | 28 | A | 174 | 132 | 215 | 45 | |
| | | | B | 380 | 324 | 324 | | B | 118 | 132 | 132 | | |
| | | | C | 192 | 59 | 324 | | C | 174 | 215 | 132 | | |
| | | | D | 3 | 59 | 59 | | D | 229 | 215 | 215 | | |
| 7 | 14,55 | 35 | A | 192 | 329 | 56 | 29 | A | 175 | 143 | 207 | 48 | |
| | | | B | 388 | 329 | 329 | | B | 133 | 143 | 143 | | |
| | | | C | 192 | 56 | 329 | | C | 175 | 207 | 143 | | |
| | | | D | 0 | 56 | 56 | | D | 217 | 207 | 207 | | |
| 8 | 16,50 | 35 | A | 188 | 335 | 54 | 29 | A | 176 | 154 | 198 | 51 | |
| | | | B | 400 | 335 | 335 | | B | 149 | 154 | 154 | | |
| | | | C | 188 | 54 | 335 | | C | 176 | 198 | 154 | | |
| | | | D | 0 | 54 | 54 | | D | 203 | 198 | 198 | | |
| 9 | 18,45 | 35 | A | 184 | 340 | 51 | 30 | A | 177 | 166 | 189 | 54 | |
| | | | B | 412 | 340 | 340 | | B | 167 | 166 | 166 | | |
| | | | C | 184 | 51 | 340 | | C | 177 | 189 | 166 | | |
| | | | D | 0 | 51 | 51 | | D | 188 | 189 | 189 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=133 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | |
| 10 | 20,40 | 35 | A | 180 | 346 | 47 | 31 | A | 180 | 192 | 168 | 61 |
| | | | B | 425 | 346 | 346 | | B | 204 | 192 | 192 | |
| | | | C | 180 | 47 | 346 | | C | 180 | 168 | 192 | |
| | | | D | 0 | 47 | 47 | | D | 156 | 168 | 168 | |
| 11 | 22,35 | 35 | A | 176 | 351 | 44 | 32 | A | 181 | 207 | 155 | 64 |
| | | | B | 439 | 351 | 351 | | B | 226 | 207 | 207 | |
| | | | C | 176 | 44 | 351 | | C | 181 | 155 | 207 | |
| | | | D | 0 | 44 | 44 | | D | 136 | 155 | 155 | |
| 12 | 24,30 | 35 | A | 171 | 357 | 40 | 32 | A | 182 | 224 | 141 | 67 |
| | | | B | 453 | 357 | 357 | | B | 250 | 224 | 224 | |
| | | | C | 171 | 40 | 357 | | C | 182 | 141 | 224 | |
| | | | D | 0 | 40 | 40 | | D | 115 | 141 | 141 | |
| 13 | 26,25 | 40 | A | 191 | 376 | 49 | 33 | A | 196 | 253 | 139 | 70 |
| | | | B | 468 | 376 | 376 | | B | 288 | 253 | 253 | |
| | | | C | 191 | 49 | 376 | | C | 196 | 139 | 253 | |
| | | | D | 0 | 49 | 49 | | D | 104 | 139 | 139 | |
| 14 | 28,20 | 45 | A | 211 | 395 | 58 | 34 | A | 210 | 284 | 136 | 74 |
| | | | B | 483 | 395 | 395 | | B | 327 | 284 | 284 | |
| | | | C | 211 | 58 | 395 | | C | 210 | 136 | 284 | |
| | | | D | 0 | 58 | 58 | | D | 92 | 136 | 136 | |
| 15 | 30,15 | 50 | A | 231 | 414 | 66 | 34 | A | 224 | 316 | 131 | 77 |
| | | | B | 499 | 414 | 414 | | B | 368 | 316 | 316 | |
| | | | C | 231 | 66 | 414 | | C | 224 | 131 | 316 | |
| | | | D | 0 | 66 | 66 | | D | 79 | 131 | 131 | |
| 16 | 32,10 | 55 | A | 250 | 433 | 74 | 35 | A | 237 | 348 | 126 | 80 |
| | | | B | 515 | 433 | 433 | | B | 411 | 348 | 348 | |
| | | | C | 250 | 74 | 433 | | C | 237 | 126 | 348 | |
| | | | D | 0 | 74 | 74 | | D | 64 | 126 | 126 | |
| 17 | 34,05 | 60 | A | 268 | 453 | 83 | 36 | A | 251 | 382 | 120 | 84 |
| | | | B | 534 | 453 | 453 | | B | 455 | 382 | 382 | |
| | | | C | 268 | 83 | 453 | | C | 251 | 120 | 382 | |
| | | | D | 1 | 83 | 83 | | D | 47 | 120 | 120 | |
| 18 | 36,00 | 65 | A | 281 | 472 | 90 | 36 | A | 265 | 417 | 112 | 87 |
| | | | B | 556 | 472 | 472 | | B | 500 | 417 | 417 | |
| | | | C | 281 | 90 | 472 | | C | 265 | 112 | 417 | |
| | | | D | 6 | 90 | 90 | | D | 29 | 112 | 112 | |
| 19 | 37,95 | 75 | A | 308 | 504 | 111 | 37 | A | 291 | 465 | 117 | 90 |
| | | | B | 591 | 504 | 504 | | B | 560 | 465 | 465 | |
| | | | C | 308 | 111 | 504 | | C | 291 | 117 | 465 | |
| | | | D | 24 | 111 | 111 | | D | 22 | 117 | 117 | |
| 20 | 39,90 | 80 | A | 321 | 524 | 118 | 38 | A | 305 | 502 | 107 | 94 |
| | | | B | 614 | 524 | 524 | | B | 609 | 502 | 502 | |
| | | | C | 321 | 118 | 524 | | C | 305 | 107 | 502 | |
| | | | D | 28 | 118 | 118 | | D | 0 | 107 | 107 | |
| 21 | 41,85 | 85 | A | 335 | 544 | 125 | 38 | A | 295 | 540 | 97 | 97 |
| | | | B | 638 | 544 | 544 | | B | 683 | 540 | 540 | |
| | | | C | 335 | 125 | 544 | | C | 295 | 97 | 540 | |
| | | | D | 32 | 125 | 125 | | D | 0 | 97 | 97 | |
| 22 | 43,80 | 90 | A | 349 | 565 | 133 | 39 | A | 284 | 579 | 85 | 101 |
| | | | B | 661 | 565 | 565 | | B | 760 | 579 | 579 | |
| | | | C | 349 | 133 | 565 | | C | 284 | 85 | 579 | |
| | | | D | 36 | 133 | 133 | | D | 0 | 85 | 85 | |

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3.9 Ausleger 37,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 37,50 m

Turmsystem: 100LC

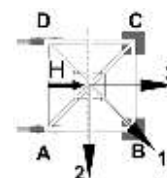
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=128 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|------------|------------|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 40 | A | 199 | 319 | 79 | 25 | A | 181 | 111 | 251 | 34 | |
| | | | B | 370 | 319 | 319 | | B | 83 | 111 | 111 | | |
| | | | C | 199 | 79 | 319 | | C | 181 | 251 | 111 | | |
| | | | D | 29 | 79 | 79 | | D | 279 | 251 | 251 | | |
| 3 | 6,75 | 40 | A | 200 | 324 | 77 | 26 | A | 182 | 117 | 247 | 37 | |
| | | | B | 375 | 324 | 324 | | B | 92 | 117 | 117 | | |
| | | | C | 200 | 77 | 324 | | C | 182 | 247 | 117 | | |
| | | | D | 25 | 77 | 77 | | D | 273 | 247 | 247 | | |
| 4 | 8,70 | 40 | A | 202 | 328 | 75 | 26 | A | 183 | 125 | 242 | 39 | |
| | | | B | 382 | 328 | 328 | | B | 102 | 125 | 125 | | |
| | | | C | 202 | 75 | 328 | | C | 183 | 242 | 125 | | |
| | | | D | 22 | 75 | 75 | | D | 265 | 242 | 242 | | |
| 5 | 10,65 | 40 | A | 203 | 333 | 72 | 27 | A | 185 | 133 | 236 | 42 | |
| | | | B | 388 | 333 | 333 | | B | 114 | 133 | 133 | | |
| | | | C | 203 | 72 | 333 | | C | 185 | 236 | 133 | | |
| | | | D | 18 | 72 | 72 | | D | 256 | 236 | 236 | | |
| 6 | 12,60 | 40 | A | 204 | 338 | 70 | 28 | A | 186 | 142 | 229 | 45 | |
| | | | B | 395 | 338 | 338 | | B | 127 | 142 | 142 | | |
| | | | C | 204 | 70 | 338 | | C | 186 | 229 | 142 | | |
| | | | D | 13 | 70 | 70 | | D | 245 | 229 | 229 | | |
| 7 | 14,55 | 40 | A | 204 | 339 | 68 | 27 | A | 187 | 153 | 222 | 48 | |
| | | | B | 396 | 339 | 339 | | B | 142 | 153 | 153 | | |
| | | | C | 204 | 68 | 339 | | C | 187 | 222 | 153 | | |
| | | | D | 11 | 68 | 68 | | D | 232 | 222 | 222 | | |
| 8 | 16,50 | 35 | A | 186 | 336 | 52 | 29 | A | 176 | 151 | 200 | 51 | |
| | | | B | 405 | 336 | 336 | | B | 146 | 151 | 151 | | |
| | | | C | 186 | 52 | 336 | | C | 176 | 200 | 151 | | |
| | | | D | 0 | 52 | 52 | | D | 206 | 200 | 200 | | |
| 9 | 18,45 | 35 | A | 182 | 342 | 49 | 30 | A | 177 | 163 | 191 | 54 | |
| | | | B | 417 | 342 | 342 | | B | 163 | 163 | 163 | | |
| | | | C | 182 | 49 | 342 | | C | 177 | 191 | 163 | | |
| | | | D | 0 | 49 | 49 | | D | 191 | 191 | 191 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=128 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 35 | A | 178 | 347 | 46 | 31 | A | 180 | 190 | 170 | 61 |
| | | | B | 430 | 347 | 347 | | B | 201 | 190 | 190 | |
| | | | C | 178 | 46 | 347 | | C | 180 | 170 | 190 | |
| | | | D | 0 | 46 | 46 | | D | 159 | 170 | 170 | |
| 11 | 22,35 | 35 | A | 173 | 353 | 42 | 31 | A | 181 | 205 | 157 | 64 |
| | | | B | 444 | 353 | 353 | | B | 223 | 205 | 205 | |
| | | | C | 173 | 42 | 353 | | C | 181 | 157 | 205 | |
| | | | D | 0 | 42 | 42 | | D | 139 | 157 | 157 | |
| 12 | 24,30 | 35 | A | 169 | 359 | 39 | 32 | A | 182 | 221 | 143 | 67 |
| | | | B | 458 | 359 | 359 | | B | 247 | 221 | 221 | |
| | | | C | 169 | 39 | 359 | | C | 182 | 143 | 221 | |
| | | | D | 0 | 39 | 39 | | D | 118 | 143 | 143 | |
| 13 | 26,25 | 40 | A | 189 | 378 | 47 | 33 | A | 196 | 251 | 141 | 70 |
| | | | B | 473 | 378 | 378 | | B | 284 | 251 | 251 | |
| | | | C | 189 | 47 | 378 | | C | 196 | 141 | 251 | |
| | | | D | 0 | 47 | 47 | | D | 108 | 141 | 141 | |
| 14 | 28,20 | 45 | A | 209 | 397 | 56 | 33 | A | 210 | 282 | 138 | 74 |
| | | | B | 488 | 397 | 397 | | B | 324 | 282 | 282 | |
| | | | C | 209 | 56 | 397 | | C | 210 | 138 | 282 | |
| | | | D | 0 | 56 | 56 | | D | 96 | 138 | 138 | |
| 15 | 30,15 | 50 | A | 228 | 416 | 64 | 34 | A | 223 | 313 | 134 | 77 |
| | | | B | 504 | 416 | 416 | | B | 365 | 313 | 313 | |
| | | | C | 228 | 64 | 416 | | C | 223 | 134 | 313 | |
| | | | D | 0 | 64 | 64 | | D | 82 | 134 | 134 | |
| 16 | 32,10 | 55 | A | 247 | 435 | 73 | 35 | A | 237 | 346 | 128 | 80 |
| | | | B | 520 | 435 | 435 | | B | 407 | 346 | 346 | |
| | | | C | 247 | 73 | 435 | | C | 237 | 128 | 346 | |
| | | | D | 0 | 73 | 73 | | D | 67 | 128 | 128 | |
| 17 | 34,05 | 60 | A | 266 | 454 | 81 | 35 | A | 251 | 380 | 122 | 84 |
| | | | B | 537 | 454 | 454 | | B | 451 | 380 | 380 | |
| | | | C | 266 | 81 | 454 | | C | 251 | 122 | 380 | |
| | | | D | 0 | 81 | 81 | | D | 51 | 122 | 122 | |
| 18 | 36,00 | 70 | A | 294 | 486 | 101 | 36 | A | 277 | 427 | 127 | 87 |
| | | | B | 571 | 486 | 486 | | B | 509 | 427 | 427 | |
| | | | C | 294 | 101 | 486 | | C | 277 | 127 | 427 | |
| | | | D | 16 | 101 | 101 | | D | 45 | 127 | 127 | |
| 19 | 37,95 | 75 | A | 307 | 506 | 109 | 37 | A | 291 | 463 | 119 | 90 |
| | | | B | 594 | 506 | 506 | | B | 557 | 463 | 463 | |
| | | | C | 307 | 109 | 506 | | C | 291 | 119 | 463 | |
| | | | D | 21 | 109 | 109 | | D | 25 | 119 | 119 | |
| 20 | 39,90 | 80 | A | 321 | 526 | 116 | 38 | A | 305 | 500 | 109 | 94 |
| | | | B | 617 | 526 | 526 | | B | 606 | 500 | 500 | |
| | | | C | 321 | 116 | 526 | | C | 305 | 109 | 500 | |
| | | | D | 26 | 116 | 116 | | D | 3 | 109 | 109 | |
| 21 | 41,85 | 85 | A | 335 | 546 | 124 | 38 | A | 299 | 538 | 99 | 97 |
| | | | B | 640 | 546 | 546 | | B | 676 | 538 | 538 | |
| | | | C | 335 | 124 | 546 | | C | 299 | 99 | 538 | |
| | | | D | 30 | 124 | 124 | | D | 0 | 99 | 99 | |
| 22 | 43,80 | 95 | A | 361 | 579 | 143 | 39 | A | 312 | 589 | 100 | 101 |
| | | | B | 676 | 579 | 579 | | B | 753 | 589 | 589 | |
| | | | C | 361 | 143 | 579 | | C | 312 | 100 | 589 | |
| | | | D | 46 | 143 | 143 | | D | 0 | 100 | 100 | |

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3.10 Ausleger 35,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 35,00 m

Turmsystem: 100LC

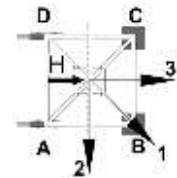
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=120 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 45 | A | 210 | 333 | 87 | 25 | A | 192 | 120 | 264 | 34 | |
| | | | B | 384 | 333 | 333 | | B | 91 | 120 | 120 | | |
| | | | C | 210 | 87 | 333 | | C | 192 | 264 | 120 | | |
| | | | D | 36 | 87 | 87 | | D | 293 | 264 | 264 | | |
| 3 | 6,75 | 40 | A | 199 | 325 | 73 | 25 | A | 181 | 114 | 247 | 37 | |
| | | | B | 377 | 325 | 325 | | B | 87 | 114 | 114 | | |
| | | | C | 199 | 73 | 325 | | C | 181 | 247 | 114 | | |
| | | | D | 20 | 73 | 73 | | D | 274 | 247 | 247 | | |
| 4 | 8,70 | 40 | A | 200 | 329 | 71 | 26 | A | 182 | 121 | 243 | 39 | |
| | | | B | 383 | 329 | 329 | | B | 97 | 121 | 121 | | |
| | | | C | 200 | 71 | 329 | | C | 182 | 243 | 121 | | |
| | | | D | 16 | 71 | 71 | | D | 266 | 243 | 243 | | |
| 5 | 10,65 | 40 | A | 201 | 334 | 68 | 27 | A | 183 | 129 | 237 | 42 | |
| | | | B | 390 | 334 | 334 | | B | 109 | 129 | 129 | | |
| | | | C | 201 | 68 | 334 | | C | 183 | 237 | 129 | | |
| | | | D | 13 | 68 | 68 | | D | 257 | 237 | 237 | | |
| 6 | 12,60 | 40 | A | 202 | 339 | 66 | 27 | A | 184 | 139 | 230 | 45 | |
| | | | B | 396 | 339 | 339 | | B | 123 | 139 | 139 | | |
| | | | C | 202 | 66 | 339 | | C | 184 | 230 | 139 | | |
| | | | D | 8 | 66 | 66 | | D | 246 | 230 | 230 | | |
| 7 | 14,55 | 40 | A | 203 | 344 | 63 | 28 | A | 185 | 149 | 222 | 48 | |
| | | | B | 403 | 344 | 344 | | B | 138 | 149 | 149 | | |
| | | | C | 203 | 63 | 344 | | C | 185 | 222 | 149 | | |
| | | | D | 4 | 63 | 63 | | D | 233 | 222 | 222 | | |
| 8 | 16,50 | 40 | A | 204 | 349 | 60 | 29 | A | 187 | 160 | 213 | 51 | |
| | | | B | 411 | 349 | 349 | | B | 154 | 160 | 160 | | |
| | | | C | 204 | 60 | 349 | | C | 187 | 213 | 160 | | |
| | | | D | 0 | 60 | 60 | | D | 220 | 213 | 213 | | |
| 9 | 18,45 | 40 | A | 200 | 355 | 57 | 30 | A | 188 | 172 | 203 | 54 | |
| | | | B | 424 | 355 | 355 | | B | 171 | 172 | 172 | | |
| | | | C | 200 | 57 | 355 | | C | 188 | 203 | 172 | | |
| | | | D | 0 | 57 | 57 | | D | 204 | 203 | 203 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=120 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 40 | A | 196 | 360 | 54 | 30 | A | 191 | 199 | 182 | 61 |
| | | | B | 437 | 360 | 360 | | B | 209 | 199 | 199 | |
| | | | C | 196 | 54 | 360 | | C | 191 | 182 | 199 | |
| | | | D | 0 | 54 | 54 | | D | 172 | 182 | 182 | |
| 11 | 22,35 | 40 | A | 191 | 366 | 51 | 31 | A | 192 | 214 | 170 | 64 |
| | | | B | 451 | 366 | 366 | | B | 231 | 214 | 214 | |
| | | | C | 191 | 51 | 366 | | C | 192 | 170 | 214 | |
| | | | D | 0 | 51 | 51 | | D | 153 | 170 | 170 | |
| 12 | 24,30 | 40 | A | 187 | 372 | 47 | 32 | A | 193 | 230 | 156 | 67 |
| | | | B | 465 | 372 | 372 | | B | 255 | 230 | 230 | |
| | | | C | 187 | 47 | 372 | | C | 193 | 156 | 230 | |
| | | | D | 0 | 47 | 47 | | D | 131 | 156 | 156 | |
| 13 | 26,25 | 45 | A | 207 | 391 | 56 | 32 | A | 207 | 260 | 154 | 70 |
| | | | B | 479 | 391 | 391 | | B | 292 | 260 | 260 | |
| | | | C | 207 | 56 | 391 | | C | 207 | 154 | 260 | |
| | | | D | 0 | 56 | 56 | | D | 121 | 154 | 154 | |
| 14 | 28,20 | 50 | A | 227 | 410 | 64 | 33 | A | 220 | 290 | 151 | 74 |
| | | | B | 495 | 410 | 410 | | B | 332 | 290 | 290 | |
| | | | C | 227 | 64 | 410 | | C | 220 | 151 | 290 | |
| | | | D | 0 | 64 | 64 | | D | 109 | 151 | 151 | |
| 15 | 30,15 | 55 | A | 246 | 429 | 73 | 34 | A | 234 | 322 | 146 | 77 |
| | | | B | 511 | 429 | 429 | | B | 373 | 322 | 322 | |
| | | | C | 246 | 73 | 429 | | C | 234 | 146 | 322 | |
| | | | D | 0 | 73 | 73 | | D | 96 | 146 | 146 | |
| 16 | 32,10 | 60 | A | 265 | 448 | 81 | 34 | A | 248 | 355 | 141 | 80 |
| | | | B | 528 | 448 | 448 | | B | 415 | 355 | 355 | |
| | | | C | 265 | 81 | 448 | | C | 248 | 141 | 355 | |
| | | | D | 1 | 81 | 81 | | D | 81 | 141 | 141 | |
| 17 | 34,05 | 65 | A | 278 | 467 | 89 | 35 | A | 262 | 389 | 135 | 84 |
| | | | B | 550 | 467 | 467 | | B | 459 | 389 | 389 | |
| | | | C | 278 | 89 | 467 | | C | 262 | 135 | 389 | |
| | | | D | 6 | 89 | 89 | | D | 64 | 135 | 135 | |
| 18 | 36,00 | 70 | A | 292 | 487 | 97 | 36 | A | 275 | 423 | 127 | 87 |
| | | | B | 573 | 487 | 487 | | B | 505 | 423 | 423 | |
| | | | C | 292 | 97 | 487 | | C | 275 | 127 | 423 | |
| | | | D | 11 | 97 | 97 | | D | 46 | 127 | 127 | |
| 19 | 37,95 | 75 | A | 306 | 507 | 105 | 36 | A | 289 | 459 | 119 | 90 |
| | | | B | 595 | 507 | 507 | | B | 552 | 459 | 459 | |
| | | | C | 306 | 105 | 507 | | C | 289 | 119 | 459 | |
| | | | D | 16 | 105 | 105 | | D | 26 | 119 | 119 | |
| 20 | 39,90 | 80 | A | 319 | 527 | 112 | 37 | A | 303 | 496 | 110 | 94 |
| | | | B | 618 | 527 | 527 | | B | 601 | 496 | 496 | |
| | | | C | 319 | 112 | 527 | | C | 303 | 110 | 496 | |
| | | | D | 20 | 112 | 112 | | D | 4 | 110 | 110 | |
| 21 | 41,85 | 90 | A | 346 | 559 | 132 | 38 | A | 323 | 547 | 112 | 97 |
| | | | B | 654 | 559 | 559 | | B | 671 | 547 | 547 | |
| | | | C | 346 | 132 | 559 | | C | 323 | 112 | 547 | |
| | | | D | 37 | 132 | 132 | | D | 0 | 112 | 112 | |
| 22 | 43,80 | 95 | A | 359 | 580 | 139 | 39 | A | 312 | 586 | 100 | 101 |
| | | | B | 678 | 580 | 580 | | B | 748 | 586 | 586 | |
| | | | C | 359 | 139 | 580 | | C | 312 | 100 | 586 | |
| | | | D | 41 | 139 | 139 | | D | 0 | 100 | 100 | |

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3.11 Ausleger 32,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 32,50 m

Turmsystem: 100LC

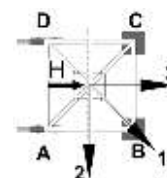
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=108 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 45 | A | 206 | 327 | 85 | 24 | A | 188 | 112 | 264 | 34 | |
| | | | B | 378 | 327 | 327 | | B | 82 | 112 | 112 | | |
| | | | C | 206 | 85 | 327 | | C | 188 | 264 | 112 | | |
| | | | D | 35 | 85 | 85 | | D | 294 | 264 | 264 | | |
| 3 | 6,75 | 45 | A | 207 | 332 | 83 | 25 | A | 189 | 119 | 260 | 37 | |
| | | | B | 384 | 332 | 332 | | B | 91 | 119 | 119 | | |
| | | | C | 207 | 83 | 332 | | C | 189 | 260 | 119 | | |
| | | | D | 31 | 83 | 83 | | D | 287 | 260 | 260 | | |
| 4 | 8,70 | 45 | A | 209 | 336 | 81 | 25 | A | 190 | 126 | 255 | 39 | |
| | | | B | 390 | 336 | 336 | | B | 101 | 126 | 126 | | |
| | | | C | 209 | 81 | 336 | | C | 190 | 255 | 126 | | |
| | | | D | 28 | 81 | 81 | | D | 280 | 255 | 255 | | |
| 5 | 10,65 | 40 | A | 197 | 329 | 66 | 26 | A | 179 | 122 | 236 | 42 | |
| | | | B | 383 | 329 | 329 | | B | 101 | 122 | 122 | | |
| | | | C | 197 | 66 | 329 | | C | 179 | 236 | 122 | | |
| | | | D | 11 | 66 | 66 | | D | 258 | 236 | 236 | | |
| 6 | 12,60 | 40 | A | 199 | 333 | 64 | 27 | A | 180 | 132 | 229 | 45 | |
| | | | B | 390 | 333 | 333 | | B | 114 | 132 | 132 | | |
| | | | C | 199 | 64 | 333 | | C | 180 | 229 | 132 | | |
| | | | D | 7 | 64 | 64 | | D | 247 | 229 | 229 | | |
| 7 | 14,55 | 40 | A | 200 | 339 | 61 | 27 | A | 182 | 142 | 222 | 48 | |
| | | | B | 397 | 339 | 339 | | B | 129 | 142 | 142 | | |
| | | | C | 200 | 61 | 339 | | C | 182 | 222 | 142 | | |
| | | | D | 2 | 61 | 61 | | D | 234 | 222 | 222 | | |
| 8 | 16,50 | 40 | A | 199 | 344 | 58 | 28 | A | 183 | 153 | 213 | 51 | |
| | | | B | 407 | 344 | 344 | | B | 145 | 153 | 153 | | |
| | | | C | 199 | 58 | 344 | | C | 183 | 213 | 153 | | |
| | | | D | 0 | 58 | 58 | | D | 221 | 213 | 213 | | |
| 9 | 18,45 | 40 | A | 195 | 349 | 55 | 29 | A | 184 | 165 | 203 | 54 | |
| | | | B | 419 | 349 | 349 | | B | 163 | 165 | 165 | | |
| | | | C | 195 | 55 | 349 | | C | 184 | 203 | 165 | | |
| | | | D | 0 | 55 | 55 | | D | 206 | 203 | 203 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=108 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 40 | A | 191 | 355 | 52 | 29 | A | 187 | 191 | 182 | 61 |
| | | | B | 432 | 355 | 355 | | B | 200 | 191 | 191 | |
| | | | C | 191 | 52 | 355 | | C | 187 | 182 | 191 | |
| | | | D | 0 | 52 | 52 | | D | 174 | 182 | 182 | |
| 11 | 22,35 | 40 | A | 186 | 361 | 48 | 30 | A | 188 | 207 | 169 | 64 |
| | | | B | 446 | 361 | 361 | | B | 222 | 207 | 207 | |
| | | | C | 186 | 48 | 361 | | C | 188 | 169 | 207 | |
| | | | D | 0 | 48 | 48 | | D | 154 | 169 | 169 | |
| 12 | 24,30 | 40 | A | 182 | 367 | 45 | 31 | A | 189 | 223 | 156 | 67 |
| | | | B | 460 | 367 | 367 | | B | 246 | 223 | 223 | |
| | | | C | 182 | 45 | 367 | | C | 189 | 156 | 223 | |
| | | | D | 0 | 45 | 45 | | D | 133 | 156 | 156 | |
| 13 | 26,25 | 45 | A | 202 | 386 | 54 | 32 | A | 203 | 252 | 154 | 70 |
| | | | B | 475 | 386 | 386 | | B | 284 | 252 | 252 | |
| | | | C | 202 | 54 | 386 | | C | 203 | 154 | 252 | |
| | | | D | 0 | 54 | 54 | | D | 122 | 154 | 154 | |
| 14 | 28,20 | 50 | A | 222 | 404 | 62 | 32 | A | 217 | 283 | 150 | 74 |
| | | | B | 490 | 404 | 404 | | B | 323 | 283 | 283 | |
| | | | C | 222 | 62 | 404 | | C | 217 | 150 | 283 | |
| | | | D | 0 | 62 | 62 | | D | 110 | 150 | 150 | |
| 15 | 30,15 | 55 | A | 241 | 423 | 71 | 33 | A | 230 | 315 | 146 | 77 |
| | | | B | 506 | 423 | 423 | | B | 364 | 315 | 315 | |
| | | | C | 241 | 71 | 423 | | C | 230 | 146 | 315 | |
| | | | D | 0 | 71 | 71 | | D | 97 | 146 | 146 | |
| 16 | 32,10 | 60 | A | 260 | 443 | 79 | 34 | A | 244 | 348 | 141 | 80 |
| | | | B | 522 | 443 | 443 | | B | 407 | 348 | 348 | |
| | | | C | 260 | 79 | 443 | | C | 244 | 141 | 348 | |
| | | | D | 0 | 79 | 79 | | D | 82 | 141 | 141 | |
| 17 | 34,05 | 65 | A | 274 | 462 | 87 | 34 | A | 258 | 381 | 134 | 84 |
| | | | B | 544 | 462 | 462 | | B | 451 | 381 | 381 | |
| | | | C | 274 | 87 | 462 | | C | 258 | 134 | 381 | |
| | | | D | 5 | 87 | 87 | | D | 65 | 134 | 134 | |
| 18 | 36,00 | 70 | A | 288 | 482 | 95 | 35 | A | 272 | 416 | 127 | 87 |
| | | | B | 567 | 482 | 482 | | B | 496 | 416 | 416 | |
| | | | C | 288 | 95 | 482 | | C | 272 | 127 | 416 | |
| | | | D | 10 | 95 | 95 | | D | 47 | 127 | 127 | |
| 19 | 37,95 | 80 | A | 314 | 514 | 115 | 36 | A | 298 | 464 | 131 | 90 |
| | | | B | 602 | 514 | 514 | | B | 556 | 464 | 464 | |
| | | | C | 314 | 115 | 514 | | C | 298 | 131 | 464 | |
| | | | D | 27 | 115 | 115 | | D | 40 | 131 | 131 | |
| 20 | 39,90 | 85 | A | 328 | 534 | 123 | 36 | A | 312 | 501 | 122 | 94 |
| | | | B | 625 | 534 | 534 | | B | 605 | 501 | 501 | |
| | | | C | 328 | 123 | 534 | | C | 312 | 122 | 501 | |
| | | | D | 32 | 123 | 123 | | D | 18 | 122 | 122 | |
| 21 | 41,85 | 90 | A | 342 | 554 | 130 | 37 | A | 320 | 539 | 111 | 97 |
| | | | B | 648 | 554 | 554 | | B | 661 | 539 | 539 | |
| | | | C | 342 | 130 | 554 | | C | 320 | 111 | 539 | |
| | | | D | 36 | 130 | 130 | | D | 0 | 111 | 111 | |
| 22 | 43,80 | 95 | A | 356 | 574 | 137 | 38 | A | 309 | 578 | 100 | 101 |
| | | | B | 672 | 574 | 574 | | B | 738 | 578 | 578 | |
| | | | C | 356 | 137 | 574 | | C | 309 | 100 | 578 | |
| | | | D | 40 | 137 | 137 | | D | 0 | 100 | 100 | |

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3.12 Ausleger 30,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 30,00 m

Turmsystem: 100LC

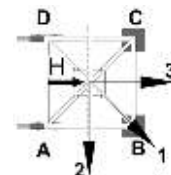
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=100 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 45 | A | 204 | 328 | 81 | 24 | A | 186 | 110 | 263 | 34 | |
| | | | B | 380 | 328 | 328 | | B | 79 | 110 | 110 | | |
| | | | C | 204 | 81 | 328 | | C | 186 | 263 | 110 | | |
| | | | D | 29 | 81 | 81 | | D | 293 | 263 | 263 | | |
| 3 | 6,75 | 45 | A | 206 | 333 | 79 | 24 | A | 188 | 116 | 259 | 37 | |
| | | | B | 386 | 333 | 333 | | B | 88 | 116 | 116 | | |
| | | | C | 206 | 79 | 333 | | C | 188 | 259 | 116 | | |
| | | | D | 26 | 79 | 79 | | D | 287 | 259 | 259 | | |
| 4 | 8,70 | 45 | A | 207 | 337 | 76 | 25 | A | 189 | 124 | 254 | 39 | |
| | | | B | 392 | 337 | 337 | | B | 98 | 124 | 124 | | |
| | | | C | 207 | 76 | 337 | | C | 189 | 254 | 124 | | |
| | | | D | 22 | 76 | 76 | | D | 279 | 254 | 254 | | |
| 5 | 10,65 | 45 | A | 208 | 342 | 74 | 26 | A | 190 | 132 | 248 | 42 | |
| | | | B | 398 | 342 | 342 | | B | 110 | 132 | 132 | | |
| | | | C | 208 | 74 | 342 | | C | 190 | 248 | 132 | | |
| | | | D | 18 | 74 | 74 | | D | 270 | 248 | 248 | | |
| 6 | 12,60 | 45 | A | 209 | 347 | 72 | 26 | A | 191 | 141 | 241 | 45 | |
| | | | B | 405 | 347 | 347 | | B | 124 | 141 | 141 | | |
| | | | C | 209 | 72 | 347 | | C | 191 | 241 | 141 | | |
| | | | D | 14 | 72 | 72 | | D | 259 | 241 | 241 | | |
| 7 | 14,55 | 45 | A | 210 | 352 | 69 | 27 | A | 192 | 152 | 233 | 48 | |
| | | | B | 412 | 352 | 352 | | B | 138 | 152 | 152 | | |
| | | | C | 210 | 69 | 352 | | C | 192 | 233 | 152 | | |
| | | | D | 9 | 69 | 69 | | D | 246 | 233 | 233 | | |
| 8 | 16,50 | 45 | A | 212 | 357 | 66 | 28 | A | 194 | 163 | 224 | 51 | |
| | | | B | 419 | 357 | 357 | | B | 155 | 163 | 163 | | |
| | | | C | 212 | 66 | 357 | | C | 194 | 224 | 163 | | |
| | | | D | 5 | 66 | 66 | | D | 233 | 224 | 224 | | |
| 9 | 18,45 | 40 | A | 187 | 350 | 51 | 28 | A | 182 | 162 | 202 | 54 | |
| | | | B | 427 | 350 | 350 | | B | 160 | 162 | 162 | | |
| | | | C | 187 | 51 | 350 | | C | 182 | 202 | 162 | | |
| | | | D | 0 | 51 | 51 | | D | 205 | 202 | 202 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=100 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|---------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 40 | A | 183 | 356 | 47 | 29 | A | 185 | 189 | 181 | 61 |
| | | | B | 440 | 356 | 356 | | B | 197 | 189 | 189 | |
| | | | C | 183 | 47 | 356 | | C | 185 | 181 | 189 | |
| | | | D | 0 | 47 | 47 | | D | 173 | 181 | 181 | |
| 11 | 22,35 | 40 | A | 179 | 362 | 44 | 30 | A | 186 | 204 | 169 | 64 |
| | | | B | 454 | 362 | 362 | | B | 219 | 204 | 204 | |
| | | | C | 179 | 44 | 362 | | C | 186 | 169 | 204 | |
| | | | D | 0 | 44 | 44 | | D | 153 | 169 | 169 | |
| 12 | 24,30 | 45 | A | 199 | 380 | 53 | 30 | A | 200 | 233 | 167 | 67 |
| | | | B | 468 | 380 | 380 | | B | 256 | 233 | 233 | |
| | | | C | 199 | 53 | 380 | | C | 200 | 167 | 233 | |
| | | | D | 0 | 53 | 53 | | D | 144 | 167 | 167 | |
| 13 | 26,25 | 45 | A | 194 | 386 | 49 | 31 | A | 201 | 250 | 153 | 70 |
| | | | B | 483 | 386 | 386 | | B | 281 | 250 | 250 | |
| | | | C | 194 | 49 | 386 | | C | 201 | 153 | 250 | |
| | | | D | 0 | 49 | 49 | | D | 122 | 153 | 153 | |
| 14 | 28,20 | 50 | A | 214 | 405 | 58 | 32 | A | 215 | 281 | 149 | 74 |
| | | | B | 498 | 405 | 405 | | B | 320 | 281 | 281 | |
| | | | C | 214 | 58 | 405 | | C | 215 | 149 | 281 | |
| | | | D | 0 | 58 | 58 | | D | 110 | 149 | 149 | |
| 15 | 30,15 | 55 | A | 234 | 424 | 66 | 33 | A | 229 | 312 | 145 | 77 |
| | | | B | 514 | 424 | 424 | | B | 361 | 312 | 312 | |
| | | | C | 234 | 66 | 424 | | C | 229 | 145 | 312 | |
| | | | D | 0 | 66 | 66 | | D | 96 | 145 | 145 | |
| 16 | 32,10 | 60 | A | 253 | 444 | 74 | 33 | A | 242 | 345 | 140 | 80 |
| | | | B | 530 | 444 | 444 | | B | 404 | 345 | 345 | |
| | | | C | 253 | 74 | 444 | | C | 242 | 140 | 345 | |
| | | | D | 0 | 74 | 74 | | D | 81 | 140 | 140 | |
| 17 | 34,05 | 65 | A | 272 | 463 | 82 | 34 | A | 256 | 379 | 134 | 84 |
| | | | B | 547 | 463 | 463 | | B | 448 | 379 | 379 | |
| | | | C | 272 | 82 | 463 | | C | 256 | 134 | 379 | |
| | | | D | 0 | 82 | 82 | | D | 65 | 134 | 134 | |
| 18 | 36,00 | 75 | A | 299 | 495 | 103 | 35 | A | 282 | 426 | 139 | 87 |
| | | | B | 581 | 495 | 495 | | B | 506 | 426 | 426 | |
| | | | C | 299 | 103 | 495 | | C | 282 | 139 | 426 | |
| | | | D | 17 | 103 | 103 | | D | 59 | 139 | 139 | |
| 19 | 37,95 | 80 | A | 313 | 515 | 111 | 35 | A | 296 | 462 | 130 | 90 |
| | | | B | 604 | 515 | 515 | | B | 553 | 462 | 462 | |
| | | | C | 313 | 111 | 515 | | C | 296 | 130 | 462 | |
| | | | D | 21 | 111 | 111 | | D | 39 | 130 | 130 | |
| 20 | 39,90 | 85 | A | 326 | 535 | 118 | 36 | A | 310 | 499 | 121 | 94 |
| | | | B | 627 | 535 | 535 | | B | 602 | 499 | 499 | |
| | | | C | 326 | 118 | 535 | | C | 310 | 121 | 499 | |
| | | | D | 26 | 118 | 118 | | D | 18 | 121 | 121 | |
| 21 | 41,85 | 90 | A | 340 | 555 | 125 | 37 | A | 318 | 537 | 110 | 97 |
| | | | B | 650 | 555 | 555 | | B | 658 | 537 | 537 | |
| | | | C | 340 | 125 | 555 | | C | 318 | 110 | 537 | |
| | | | D | 30 | 125 | 125 | | D | 0 | 110 | 110 | |
| 22 | 43,80 | 100 | A | 366 | 588 | 145 | 37 | A | 332 | 588 | 111 | 101 |
| | | | B | 686 | 588 | 588 | | B | 736 | 588 | 588 | |
| | | | C | 366 | 145 | 588 | | C | 332 | 111 | 588 | |
| | | | D | 46 | 145 | 145 | | D | 0 | 111 | 111 | |

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3.13 Ausleger 27,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 27,50 m

Turmsystem: 100LC

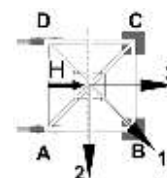
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=90 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 45 | A | 202 | 325 | 80 | 23 | A | 184 | 104 | 264 | 34 | |
| | | | B | 376 | 325 | 325 | | B | 72 | 104 | 104 | | |
| | | | C | 202 | 80 | 325 | | C | 184 | 264 | 104 | | |
| | | | D | 29 | 80 | 80 | | D | 297 | 264 | 264 | | |
| 3 | 6,75 | 45 | A | 204 | 329 | 78 | 24 | A | 186 | 111 | 260 | 37 | |
| | | | B | 382 | 329 | 329 | | B | 81 | 111 | 111 | | |
| | | | C | 204 | 78 | 329 | | C | 186 | 260 | 111 | | |
| | | | D | 26 | 78 | 78 | | D | 290 | 260 | 260 | | |
| 4 | 8,70 | 45 | A | 205 | 334 | 76 | 24 | A | 187 | 118 | 256 | 39 | |
| | | | B | 388 | 334 | 334 | | B | 91 | 118 | 118 | | |
| | | | C | 205 | 76 | 334 | | C | 187 | 256 | 118 | | |
| | | | D | 22 | 76 | 76 | | D | 282 | 256 | 256 | | |
| 5 | 10,65 | 45 | A | 206 | 339 | 74 | 25 | A | 188 | 126 | 250 | 42 | |
| | | | B | 394 | 339 | 339 | | B | 103 | 126 | 126 | | |
| | | | C | 206 | 74 | 339 | | C | 188 | 250 | 126 | | |
| | | | D | 18 | 74 | 74 | | D | 273 | 250 | 250 | | |
| 6 | 12,60 | 45 | A | 207 | 344 | 71 | 26 | A | 189 | 136 | 243 | 45 | |
| | | | B | 401 | 344 | 344 | | B | 116 | 136 | 136 | | |
| | | | C | 207 | 71 | 344 | | C | 189 | 243 | 136 | | |
| | | | D | 14 | 71 | 71 | | D | 262 | 243 | 243 | | |
| 7 | 14,55 | 45 | A | 209 | 349 | 68 | 27 | A | 190 | 146 | 235 | 48 | |
| | | | B | 408 | 349 | 349 | | B | 131 | 146 | 146 | | |
| | | | C | 209 | 68 | 349 | | C | 190 | 235 | 146 | | |
| | | | D | 9 | 68 | 68 | | D | 250 | 235 | 235 | | |
| 8 | 16,50 | 45 | A | 210 | 354 | 66 | 27 | A | 192 | 157 | 226 | 51 | |
| | | | B | 415 | 354 | 354 | | B | 147 | 157 | 157 | | |
| | | | C | 210 | 66 | 354 | | C | 192 | 226 | 157 | | |
| | | | D | 5 | 66 | 66 | | D | 236 | 226 | 226 | | |
| 9 | 18,45 | 45 | A | 211 | 359 | 63 | 28 | A | 193 | 169 | 217 | 54 | |
| | | | B | 423 | 359 | 359 | | B | 165 | 169 | 169 | | |
| | | | C | 211 | 63 | 359 | | C | 193 | 217 | 169 | | |
| | | | D | 0 | 63 | 63 | | D | 221 | 217 | 217 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=90 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|------------|------------|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 40 | A | 181 | 353 | 47 | 29 | A | 182 | 170 | 193 | 57 |
| | | | B | 436 | 353 | 353 | | B | 172 | 170 | 170 | |
| | | | C | 181 | 47 | 353 | | C | 182 | 193 | 170 | |
| | | | D | 0 | 47 | 47 | | D | 192 | 193 | 193 | |
| 11 | 22,35 | 40 | A | 177 | 358 | 43 | 29 | A | 184 | 198 | 170 | 64 |
| | | | B | 450 | 358 | 358 | | B | 212 | 198 | 198 | |
| | | | C | 177 | 43 | 358 | | C | 184 | 170 | 198 | |
| | | | D | 0 | 43 | 43 | | D | 157 | 170 | 170 | |
| 12 | 24,30 | 45 | A | 197 | 377 | 52 | 30 | A | 198 | 227 | 169 | 67 |
| | | | B | 464 | 377 | 377 | | B | 248 | 227 | 227 | |
| | | | C | 197 | 52 | 377 | | C | 198 | 169 | 227 | |
| | | | D | 0 | 52 | 52 | | D | 148 | 169 | 169 | |
| 13 | 26,25 | 50 | A | 218 | 396 | 61 | 31 | A | 212 | 257 | 167 | 70 |
| | | | B | 478 | 396 | 396 | | B | 286 | 257 | 257 | |
| | | | C | 218 | 61 | 396 | | C | 212 | 167 | 257 | |
| | | | D | 0 | 61 | 61 | | D | 137 | 167 | 167 | |
| 14 | 28,20 | 55 | A | 237 | 414 | 70 | 31 | A | 226 | 287 | 164 | 74 |
| | | | B | 494 | 414 | 414 | | B | 325 | 287 | 287 | |
| | | | C | 237 | 70 | 414 | | C | 226 | 164 | 287 | |
| | | | D | 0 | 70 | 70 | | D | 126 | 164 | 164 | |
| 15 | 30,15 | 60 | A | 256 | 434 | 78 | 32 | A | 239 | 319 | 159 | 77 |
| | | | B | 511 | 434 | 434 | | B | 366 | 319 | 319 | |
| | | | C | 256 | 78 | 434 | | C | 239 | 159 | 319 | |
| | | | D | 1 | 78 | 78 | | D | 112 | 159 | 159 | |
| 16 | 32,10 | 65 | A | 270 | 453 | 86 | 33 | A | 253 | 352 | 154 | 80 |
| | | | B | 533 | 453 | 453 | | B | 409 | 352 | 352 | |
| | | | C | 270 | 86 | 453 | | C | 253 | 154 | 352 | |
| | | | D | 7 | 86 | 86 | | D | 97 | 154 | 154 | |
| 17 | 34,05 | 70 | A | 283 | 472 | 94 | 33 | A | 267 | 386 | 148 | 84 |
| | | | B | 555 | 472 | 472 | | B | 453 | 386 | 386 | |
| | | | C | 283 | 94 | 472 | | C | 267 | 148 | 386 | |
| | | | D | 12 | 94 | 94 | | D | 80 | 148 | 148 | |
| 18 | 36,00 | 75 | A | 297 | 492 | 102 | 34 | A | 280 | 420 | 140 | 87 |
| | | | B | 577 | 492 | 492 | | B | 499 | 420 | 420 | |
| | | | C | 297 | 102 | 492 | | C | 280 | 140 | 420 | |
| | | | D | 17 | 102 | 102 | | D | 62 | 140 | 140 | |
| 19 | 37,95 | 80 | A | 311 | 511 | 110 | 35 | A | 294 | 456 | 132 | 90 |
| | | | B | 600 | 511 | 511 | | B | 546 | 456 | 456 | |
| | | | C | 311 | 110 | 511 | | C | 294 | 132 | 456 | |
| | | | D | 22 | 110 | 110 | | D | 42 | 132 | 132 | |
| 20 | 39,90 | 85 | A | 324 | 531 | 118 | 36 | A | 308 | 493 | 123 | 94 |
| | | | B | 623 | 531 | 531 | | B | 595 | 493 | 493 | |
| | | | C | 324 | 118 | 531 | | C | 308 | 123 | 493 | |
| | | | D | 26 | 118 | 118 | | D | 21 | 123 | 123 | |
| 21 | 41,85 | 95 | A | 351 | 564 | 137 | 36 | A | 334 | 544 | 125 | 97 |
| | | | B | 659 | 564 | 564 | | B | 658 | 544 | 544 | |
| | | | C | 351 | 137 | 564 | | C | 334 | 125 | 544 | |
| | | | D | 43 | 137 | 137 | | D | 10 | 125 | 125 | |
| 22 | 43,80 | 100 | A | 364 | 584 | 145 | 37 | A | 333 | 583 | 113 | 101 |
| | | | B | 682 | 584 | 584 | | B | 725 | 583 | 583 | |
| | | | C | 364 | 145 | 584 | | C | 333 | 113 | 583 | |
| | | | D | 46 | 145 | 145 | | D | 0 | 113 | 113 | |

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3.14 Ausleger 25,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 25,00 m

Turmsystem: 100LC

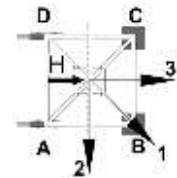
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=83 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 50 | A | 213 | 338 | 88 | 23 | A | 195 | 115 | 275 | 34 | |
| | | | B | 390 | 338 | 338 | | B | 83 | 115 | 115 | | |
| | | | C | 213 | 88 | 338 | | C | 195 | 275 | 115 | | |
| | | | D | 36 | 88 | 88 | | D | 307 | 275 | 275 | | |
| 3 | 6,75 | 45 | A | 202 | 330 | 74 | 23 | A | 184 | 109 | 258 | 37 | |
| | | | B | 383 | 330 | 330 | | B | 80 | 109 | 109 | | |
| | | | C | 202 | 74 | 330 | | C | 184 | 258 | 109 | | |
| | | | D | 20 | 74 | 74 | | D | 288 | 258 | 258 | | |
| 4 | 8,70 | 45 | A | 203 | 335 | 72 | 24 | A | 185 | 116 | 254 | 39 | |
| | | | B | 390 | 335 | 335 | | B | 90 | 116 | 116 | | |
| | | | C | 203 | 72 | 335 | | C | 185 | 254 | 116 | | |
| | | | D | 17 | 72 | 72 | | D | 280 | 254 | 254 | | |
| 5 | 10,65 | 45 | A | 204 | 339 | 69 | 25 | A | 186 | 125 | 248 | 42 | |
| | | | B | 396 | 339 | 339 | | B | 102 | 125 | 125 | | |
| | | | C | 204 | 69 | 339 | | C | 186 | 248 | 125 | | |
| | | | D | 13 | 69 | 69 | | D | 271 | 248 | 248 | | |
| 6 | 12,60 | 45 | A | 206 | 344 | 67 | 25 | A | 187 | 134 | 241 | 45 | |
| | | | B | 403 | 344 | 344 | | B | 115 | 134 | 134 | | |
| | | | C | 206 | 67 | 344 | | C | 187 | 241 | 134 | | |
| | | | D | 8 | 67 | 67 | | D | 260 | 241 | 241 | | |
| 7 | 14,55 | 45 | A | 207 | 349 | 64 | 26 | A | 189 | 145 | 233 | 48 | |
| | | | B | 410 | 349 | 349 | | B | 130 | 145 | 145 | | |
| | | | C | 207 | 64 | 349 | | C | 189 | 233 | 145 | | |
| | | | D | 4 | 64 | 64 | | D | 247 | 233 | 233 | | |
| 8 | 16,50 | 45 | A | 207 | 355 | 61 | 27 | A | 190 | 156 | 224 | 51 | |
| | | | B | 418 | 355 | 355 | | B | 146 | 156 | 156 | | |
| | | | C | 207 | 61 | 355 | | C | 190 | 224 | 156 | | |
| | | | D | 0 | 61 | 61 | | D | 234 | 224 | 224 | | |
| 9 | 18,45 | 45 | A | 203 | 360 | 58 | 27 | A | 191 | 168 | 214 | 54 | |
| | | | B | 430 | 360 | 360 | | B | 164 | 168 | 168 | | |
| | | | C | 203 | 58 | 360 | | C | 191 | 214 | 168 | | |
| | | | D | 0 | 58 | 58 | | D | 219 | 214 | 214 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=83 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|------------|------------|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 45 | A | 199 | 366 | 55 | 28 | A | 192 | 181 | 204 | 57 |
| | | | B | 443 | 366 | 366 | | B | 183 | 181 | 181 | |
| | | | C | 199 | 55 | 366 | | C | 192 | 204 | 181 | |
| | | | D | 0 | 55 | 55 | | D | 202 | 204 | 204 | |
| 11 | 22,35 | 45 | A | 195 | 372 | 52 | 29 | A | 195 | 209 | 181 | 64 |
| | | | B | 457 | 372 | 372 | | B | 223 | 209 | 209 | |
| | | | C | 195 | 52 | 372 | | C | 195 | 181 | 209 | |
| | | | D | 0 | 52 | 52 | | D | 167 | 181 | 181 | |
| 12 | 24,30 | 45 | A | 190 | 378 | 48 | 30 | A | 196 | 226 | 167 | 67 |
| | | | B | 471 | 378 | 378 | | B | 247 | 226 | 226 | |
| | | | C | 190 | 48 | 378 | | C | 196 | 167 | 226 | |
| | | | D | 0 | 48 | 48 | | D | 146 | 167 | 167 | |
| 13 | 26,25 | 50 | A | 210 | 396 | 57 | 30 | A | 210 | 255 | 165 | 70 |
| | | | B | 486 | 396 | 396 | | B | 285 | 255 | 255 | |
| | | | C | 210 | 57 | 396 | | C | 210 | 165 | 255 | |
| | | | D | 0 | 57 | 57 | | D | 135 | 165 | 165 | |
| 14 | 28,20 | 55 | A | 230 | 415 | 65 | 31 | A | 224 | 286 | 162 | 74 |
| | | | B | 501 | 415 | 415 | | B | 324 | 286 | 286 | |
| | | | C | 230 | 65 | 415 | | C | 224 | 162 | 286 | |
| | | | D | 0 | 65 | 65 | | D | 123 | 162 | 162 | |
| 15 | 30,15 | 60 | A | 250 | 434 | 74 | 32 | A | 237 | 318 | 157 | 77 |
| | | | B | 517 | 434 | 434 | | B | 365 | 318 | 318 | |
| | | | C | 250 | 74 | 434 | | C | 237 | 157 | 318 | |
| | | | D | 0 | 74 | 74 | | D | 110 | 157 | 157 | |
| 16 | 32,10 | 65 | A | 268 | 454 | 82 | 32 | A | 251 | 350 | 152 | 80 |
| | | | B | 534 | 454 | 454 | | B | 408 | 350 | 350 | |
| | | | C | 268 | 82 | 454 | | C | 251 | 152 | 350 | |
| | | | D | 1 | 82 | 82 | | D | 95 | 152 | 152 | |
| 17 | 34,05 | 70 | A | 282 | 473 | 90 | 33 | A | 265 | 384 | 146 | 84 |
| | | | B | 557 | 473 | 473 | | B | 452 | 384 | 384 | |
| | | | C | 282 | 90 | 473 | | C | 265 | 146 | 384 | |
| | | | D | 6 | 90 | 90 | | D | 78 | 146 | 146 | |
| 18 | 36,00 | 75 | A | 295 | 493 | 98 | 34 | A | 279 | 419 | 138 | 87 |
| | | | B | 579 | 493 | 493 | | B | 497 | 419 | 419 | |
| | | | C | 295 | 98 | 493 | | C | 279 | 138 | 419 | |
| | | | D | 11 | 98 | 98 | | D | 60 | 138 | 138 | |
| 19 | 37,95 | 80 | A | 309 | 512 | 106 | 34 | A | 292 | 455 | 130 | 90 |
| | | | B | 602 | 512 | 512 | | B | 545 | 455 | 455 | |
| | | | C | 309 | 106 | 512 | | C | 292 | 130 | 455 | |
| | | | D | 16 | 106 | 106 | | D | 40 | 130 | 130 | |
| 20 | 39,90 | 90 | A | 335 | 545 | 126 | 35 | A | 319 | 504 | 133 | 94 |
| | | | B | 637 | 545 | 545 | | B | 606 | 504 | 504 | |
| | | | C | 335 | 126 | 545 | | C | 319 | 133 | 504 | |
| | | | D | 33 | 126 | 126 | | D | 31 | 133 | 133 | |
| 21 | 41,85 | 95 | A | 349 | 565 | 133 | 36 | A | 332 | 542 | 123 | 97 |
| | | | B | 661 | 565 | 565 | | B | 657 | 542 | 542 | |
| | | | C | 349 | 133 | 565 | | C | 332 | 123 | 542 | |
| | | | D | 37 | 133 | 133 | | D | 8 | 123 | 123 | |
| 22 | 43,80 | 100 | A | 363 | 585 | 140 | 36 | A | 329 | 581 | 111 | 101 |
| | | | B | 684 | 585 | 585 | | B | 726 | 581 | 581 | |
| | | | C | 363 | 140 | 585 | | C | 329 | 111 | 581 | |
| | | | D | 41 | 140 | 140 | | D | 0 | 111 | 111 | |

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3.15 Ausleger 22,50 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 22,50 m

Turmsystem: 100LC

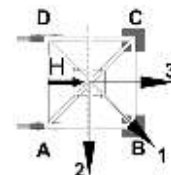
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=81 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|-----|-----|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 50 | A | 209 | 337 | 82 | 22 | A | 191 | 113 | 270 | 34 | |
| | | | B | 390 | 337 | 337 | | B | 81 | 113 | 113 | | |
| | | | C | 209 | 82 | 337 | | C | 191 | 270 | 113 | | |
| | | | D | 29 | 82 | 82 | | D | 301 | 270 | 270 | | |
| 3 | 6,75 | 50 | A | 211 | 341 | 80 | 23 | A | 193 | 119 | 266 | 37 | |
| | | | B | 396 | 341 | 341 | | B | 90 | 119 | 119 | | |
| | | | C | 211 | 80 | 341 | | C | 193 | 266 | 119 | | |
| | | | D | 26 | 80 | 80 | | D | 295 | 266 | 266 | | |
| 4 | 8,70 | 50 | A | 212 | 346 | 78 | 23 | A | 194 | 126 | 261 | 39 | |
| | | | B | 402 | 346 | 346 | | B | 100 | 126 | 126 | | |
| | | | C | 212 | 78 | 346 | | C | 194 | 261 | 126 | | |
| | | | D | 22 | 78 | 78 | | D | 287 | 261 | 261 | | |
| 5 | 10,65 | 50 | A | 213 | 350 | 76 | 24 | A | 195 | 135 | 255 | 42 | |
| | | | B | 408 | 350 | 350 | | B | 112 | 135 | 135 | | |
| | | | C | 213 | 76 | 350 | | C | 195 | 255 | 135 | | |
| | | | D | 18 | 76 | 76 | | D | 278 | 255 | 255 | | |
| 6 | 12,60 | 50 | A | 214 | 355 | 73 | 25 | A | 196 | 144 | 248 | 45 | |
| | | | B | 415 | 355 | 355 | | B | 126 | 144 | 144 | | |
| | | | C | 214 | 73 | 355 | | C | 196 | 248 | 144 | | |
| | | | D | 14 | 73 | 73 | | D | 267 | 248 | 248 | | |
| 7 | 14,55 | 45 | A | 200 | 348 | 58 | 25 | A | 185 | 142 | 228 | 48 | |
| | | | B | 412 | 348 | 348 | | B | 128 | 142 | 142 | | |
| | | | C | 200 | 58 | 348 | | C | 185 | 228 | 142 | | |
| | | | D | 0 | 58 | 58 | | D | 242 | 228 | 228 | | |
| 8 | 16,50 | 45 | A | 196 | 353 | 55 | 26 | A | 186 | 153 | 219 | 51 | |
| | | | B | 424 | 353 | 353 | | B | 144 | 153 | 153 | | |
| | | | C | 196 | 55 | 353 | | C | 186 | 219 | 153 | | |
| | | | D | 0 | 55 | 55 | | D | 228 | 219 | 219 | | |
| 9 | 18,45 | 45 | A | 193 | 359 | 52 | 27 | A | 187 | 165 | 209 | 54 | |
| | | | B | 437 | 359 | 359 | | B | 162 | 165 | 165 | | |
| | | | C | 193 | 52 | 359 | | C | 187 | 209 | 165 | | |
| | | | D | 0 | 52 | 52 | | D | 213 | 209 | 209 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=81 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 45 | A | 188 | 365 | 49 | 27 | A | 190 | 192 | 188 | 61 |
| | | | B | 450 | 365 | 365 | | B | 199 | 192 | 192 | |
| | | | C | 188 | 49 | 365 | | C | 190 | 188 | 192 | |
| | | | D | 0 | 49 | 49 | | D | 181 | 188 | 188 | |
| 11 | 22,35 | 45 | A | 184 | 370 | 46 | 28 | A | 191 | 207 | 176 | 64 |
| | | | B | 464 | 370 | 370 | | B | 221 | 207 | 207 | |
| | | | C | 184 | 46 | 370 | | C | 191 | 176 | 207 | |
| | | | D | 0 | 46 | 46 | | D | 161 | 176 | 176 | |
| 12 | 24,30 | 45 | A | 179 | 376 | 42 | 29 | A | 193 | 223 | 162 | 67 |
| | | | B | 478 | 376 | 376 | | B | 245 | 223 | 223 | |
| | | | C | 179 | 42 | 376 | | C | 193 | 162 | 223 | |
| | | | D | 0 | 42 | 42 | | D | 140 | 162 | 162 | |
| 13 | 26,25 | 50 | A | 200 | 395 | 51 | 30 | A | 206 | 253 | 160 | 70 |
| | | | B | 492 | 395 | 395 | | B | 283 | 253 | 253 | |
| | | | C | 200 | 51 | 395 | | C | 206 | 160 | 253 | |
| | | | D | 0 | 51 | 51 | | D | 130 | 160 | 160 | |
| 14 | 28,20 | 55 | A | 219 | 414 | 59 | 30 | A | 220 | 283 | 157 | 74 |
| | | | B | 508 | 414 | 414 | | B | 322 | 283 | 283 | |
| | | | C | 219 | 59 | 414 | | C | 220 | 157 | 283 | |
| | | | D | 0 | 59 | 59 | | D | 118 | 157 | 157 | |
| 15 | 30,15 | 60 | A | 239 | 433 | 68 | 31 | A | 234 | 315 | 152 | 77 |
| | | | B | 524 | 433 | 433 | | B | 363 | 315 | 315 | |
| | | | C | 239 | 68 | 433 | | C | 234 | 152 | 315 | |
| | | | D | 0 | 68 | 68 | | D | 104 | 152 | 152 | |
| 16 | 32,10 | 65 | A | 258 | 452 | 76 | 32 | A | 247 | 348 | 147 | 80 |
| | | | B | 540 | 452 | 452 | | B | 406 | 348 | 348 | |
| | | | C | 258 | 76 | 452 | | C | 247 | 147 | 348 | |
| | | | D | 0 | 76 | 76 | | D | 89 | 147 | 147 | |
| 17 | 34,05 | 70 | A | 277 | 472 | 84 | 32 | A | 261 | 382 | 141 | 84 |
| | | | B | 557 | 472 | 472 | | B | 450 | 382 | 382 | |
| | | | C | 277 | 84 | 472 | | C | 261 | 141 | 382 | |
| | | | D | 0 | 84 | 84 | | D | 73 | 141 | 141 | |
| 18 | 36,00 | 75 | A | 292 | 491 | 92 | 33 | A | 275 | 416 | 133 | 87 |
| | | | B | 579 | 491 | 491 | | B | 495 | 416 | 416 | |
| | | | C | 292 | 92 | 491 | | C | 275 | 133 | 416 | |
| | | | D | 4 | 92 | 92 | | D | 54 | 133 | 133 | |
| 19 | 37,95 | 85 | A | 318 | 523 | 112 | 34 | A | 301 | 465 | 138 | 90 |
| | | | B | 614 | 523 | 523 | | B | 555 | 465 | 465 | |
| | | | C | 318 | 112 | 523 | | C | 301 | 138 | 465 | |
| | | | D | 21 | 112 | 112 | | D | 47 | 138 | 138 | |
| 20 | 39,90 | 90 | A | 331 | 543 | 120 | 34 | A | 315 | 502 | 128 | 94 |
| | | | B | 637 | 543 | 543 | | B | 604 | 502 | 502 | |
| | | | C | 331 | 120 | 543 | | C | 315 | 128 | 502 | |
| | | | D | 26 | 120 | 120 | | D | 26 | 128 | 128 | |
| 21 | 41,85 | 95 | A | 345 | 563 | 127 | 35 | A | 329 | 540 | 118 | 97 |
| | | | B | 660 | 563 | 563 | | B | 655 | 540 | 540 | |
| | | | C | 345 | 127 | 563 | | C | 329 | 118 | 540 | |
| | | | D | 30 | 127 | 127 | | D | 2 | 118 | 118 | |
| 22 | 43,80 | 100 | A | 359 | 584 | 134 | 36 | A | 320 | 579 | 106 | 101 |
| | | | B | 684 | 584 | 584 | | B | 730 | 579 | 579 | |
| | | | C | 359 | 134 | 584 | | C | 320 | 106 | 579 | |
| | | | D | 34 | 134 | 134 | | D | 0 | 106 | 106 | |

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3.16 Ausleger 20,00 m



WARNUNG

Diese statischen Daten dürfen nur unter Beachtung der „Allgemeinen Sicherheitshinweise für Eckkrafttabellen“ und der Betriebsanleitung des Kranes verwendet werden.

Krantyp: 110 EC-B 6, 110 EC-B 6 FR.tronic
Kran stationär, ohne Klettereinrichtung

Ausleger: 20,00 m

Turmsystem: 100LC

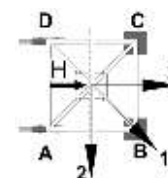
Grundturmstück:

Kranbasis: Fundamentkreuz 100LC/63LC 3.80 m stat.
Kran stationär

Turmstücklänge: 1,95 m

Radstand: 3,80 m

Spur: 3,80 m



| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=74 kNm | | | | | Horizontalkraft [kN] | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|------|----------------------|------------------------------------|------------|------------|----|--|
| | | | Ecke | Auslegerstellung | | | Ecke | | Auslegerstellung | | | | |
| | | | | 1 | 2 | 3 | | | 1 | 2 | 3 | | |
| 2 | 4,80 | 40 | A | 182 | 296 | 67 | 21 | A | 163 | 93 | 234 | 34 | |
| | | | B | 344 | 296 | 296 | | B | 65 | 93 | 93 | | |
| | | | C | 182 | 67 | 296 | | C | 163 | 234 | 93 | | |
| | | | D | 19 | 67 | 67 | | D | 262 | 234 | 234 | | |
| 3 | 6,75 | 40 | A | 183 | 300 | 65 | 22 | A | 165 | 100 | 230 | 37 | |
| | | | B | 350 | 300 | 300 | | B | 74 | 100 | 100 | | |
| | | | C | 183 | 65 | 300 | | C | 165 | 230 | 100 | | |
| | | | D | 16 | 65 | 65 | | D | 256 | 230 | 230 | | |
| 4 | 8,70 | 40 | A | 184 | 305 | 63 | 23 | A | 166 | 107 | 225 | 39 | |
| | | | B | 356 | 305 | 305 | | B | 84 | 107 | 107 | | |
| | | | C | 184 | 63 | 305 | | C | 166 | 225 | 107 | | |
| | | | D | 12 | 63 | 63 | | D | 248 | 225 | 225 | | |
| 5 | 10,65 | 40 | A | 185 | 310 | 61 | 23 | A | 167 | 115 | 219 | 42 | |
| | | | B | 362 | 310 | 310 | | B | 96 | 115 | 115 | | |
| | | | C | 185 | 61 | 310 | | C | 167 | 219 | 115 | | |
| | | | D | 8 | 61 | 61 | | D | 238 | 219 | 219 | | |
| 6 | 12,60 | 40 | A | 186 | 315 | 58 | 24 | A | 168 | 125 | 212 | 45 | |
| | | | B | 369 | 315 | 315 | | B | 109 | 125 | 125 | | |
| | | | C | 186 | 58 | 315 | | C | 168 | 212 | 125 | | |
| | | | D | 4 | 58 | 58 | | D | 227 | 212 | 212 | | |
| 7 | 14,55 | 40 | A | 187 | 320 | 55 | 25 | A | 170 | 135 | 204 | 48 | |
| | | | B | 376 | 320 | 320 | | B | 124 | 135 | 135 | | |
| | | | C | 187 | 55 | 320 | | C | 170 | 204 | 135 | | |
| | | | D | 0 | 55 | 55 | | D | 215 | 204 | 204 | | |
| 8 | 16,50 | 40 | A | 184 | 325 | 53 | 26 | A | 171 | 146 | 196 | 51 | |
| | | | B | 388 | 325 | 325 | | B | 140 | 146 | 146 | | |
| | | | C | 184 | 53 | 325 | | C | 171 | 196 | 146 | | |
| | | | D | 0 | 53 | 53 | | D | 201 | 196 | 196 | | |
| 9 | 18,45 | 40 | A | 180 | 331 | 50 | 26 | A | 172 | 158 | 186 | 54 | |
| | | | B | 400 | 331 | 331 | | B | 158 | 158 | 158 | | |
| | | | C | 180 | 50 | 331 | | C | 172 | 186 | 158 | | |
| | | | D | 0 | 50 | 50 | | D | 186 | 186 | 186 | | |

| Zahl d. Turmstücke | Hakenhöhe [m] | Zentralballast [to] | Eckdrücke in Betrieb [kN], MD=74 kNm | | | | | Eckdrücke außer Betrieb [kN], MD=0 | | | | |
|--------------------|---------------|---------------------|--------------------------------------|------------------|-----|-----|----------------------|------------------------------------|------------------|-----|-----|----------------------|
| | | | Ecke | Auslegerstellung | | | Horizontalkraft [kN] | Ecke | Auslegerstellung | | | Horizontalkraft [kN] |
| 1 | 2 | 3 | | 1 | 2 | 3 | | | | | | |
| 10 | 20,40 | 40 | A | 176 | 336 | 46 | 27 | A | 175 | 185 | 165 | 61 |
| | | | B | 414 | 336 | 336 | | B | 195 | 185 | 185 | |
| | | | C | 176 | 46 | 336 | | C | 175 | 165 | 185 | |
| | | | D | 0 | 46 | 46 | | D | 154 | 165 | 165 | |
| 11 | 22,35 | 40 | A | 172 | 342 | 43 | 28 | A | 176 | 200 | 152 | 64 |
| | | | B | 427 | 342 | 342 | | B | 218 | 200 | 200 | |
| | | | C | 172 | 43 | 342 | | C | 176 | 152 | 200 | |
| | | | D | 0 | 43 | 43 | | D | 134 | 152 | 152 | |
| 12 | 24,30 | 45 | A | 192 | 361 | 52 | 28 | A | 190 | 228 | 151 | 67 |
| | | | B | 441 | 361 | 361 | | B | 254 | 228 | 228 | |
| | | | C | 192 | 52 | 361 | | C | 190 | 151 | 228 | |
| | | | D | 0 | 52 | 52 | | D | 126 | 151 | 151 | |
| 13 | 26,25 | 50 | A | 212 | 379 | 61 | 29 | A | 203 | 258 | 149 | 70 |
| | | | B | 456 | 379 | 379 | | B | 292 | 258 | 258 | |
| | | | C | 212 | 61 | 379 | | C | 203 | 149 | 258 | |
| | | | D | 0 | 61 | 61 | | D | 115 | 149 | 149 | |
| 14 | 28,20 | 55 | A | 232 | 398 | 69 | 30 | A | 217 | 289 | 146 | 74 |
| | | | B | 471 | 398 | 398 | | B | 331 | 289 | 289 | |
| | | | C | 232 | 69 | 398 | | C | 217 | 146 | 289 | |
| | | | D | 0 | 69 | 69 | | D | 103 | 146 | 146 | |
| 15 | 30,15 | 60 | A | 247 | 417 | 78 | 30 | A | 231 | 320 | 141 | 77 |
| | | | B | 491 | 417 | 417 | | B | 372 | 320 | 320 | |
| | | | C | 247 | 78 | 417 | | C | 231 | 141 | 320 | |
| | | | D | 4 | 78 | 78 | | D | 90 | 141 | 141 | |
| 16 | 32,10 | 65 | A | 261 | 436 | 86 | 31 | A | 245 | 353 | 136 | 80 |
| | | | B | 513 | 436 | 436 | | B | 414 | 353 | 353 | |
| | | | C | 261 | 86 | 436 | | C | 245 | 136 | 353 | |
| | | | D | 9 | 86 | 86 | | D | 75 | 136 | 136 | |
| 17 | 34,05 | 70 | A | 275 | 456 | 94 | 32 | A | 258 | 387 | 130 | 84 |
| | | | B | 535 | 456 | 456 | | B | 458 | 387 | 387 | |
| | | | C | 275 | 94 | 456 | | C | 258 | 130 | 387 | |
| | | | D | 15 | 94 | 94 | | D | 58 | 130 | 130 | |
| 18 | 36,00 | 75 | A | 289 | 475 | 102 | 32 | A | 272 | 422 | 122 | 87 |
| | | | B | 558 | 475 | 475 | | B | 504 | 422 | 422 | |
| | | | C | 289 | 102 | 475 | | C | 272 | 122 | 422 | |
| | | | D | 20 | 102 | 102 | | D | 40 | 122 | 122 | |
| 19 | 37,95 | 80 | A | 302 | 495 | 110 | 33 | A | 286 | 458 | 114 | 90 |
| | | | B | 580 | 495 | 495 | | B | 551 | 458 | 458 | |
| | | | C | 302 | 110 | 495 | | C | 286 | 114 | 458 | |
| | | | D | 24 | 110 | 110 | | D | 20 | 114 | 114 | |
| 20 | 39,90 | 85 | A | 316 | 515 | 117 | 34 | A | 298 | 494 | 105 | 94 |
| | | | B | 603 | 515 | 515 | | B | 602 | 494 | 494 | |
| | | | C | 316 | 117 | 515 | | C | 298 | 105 | 494 | |
| | | | D | 29 | 117 | 117 | | D | 0 | 105 | 105 | |
| 21 | 41,85 | 95 | A | 342 | 548 | 137 | 35 | A | 314 | 545 | 106 | 97 |
| | | | B | 639 | 548 | 548 | | B | 676 | 545 | 545 | |
| | | | C | 342 | 137 | 548 | | C | 314 | 106 | 545 | |
| | | | D | 46 | 137 | 137 | | D | 0 | 106 | 106 | |
| 22 | 43,80 | 100 | A | 356 | 568 | 144 | 35 | A | 303 | 584 | 95 | 101 |
| | | | B | 663 | 568 | 568 | | B | 753 | 584 | 584 | |
| | | | C | 356 | 144 | 568 | | C | 303 | 95 | 584 | |
| | | | D | 49 | 144 | 144 | | D | 0 | 95 | 95 | |

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