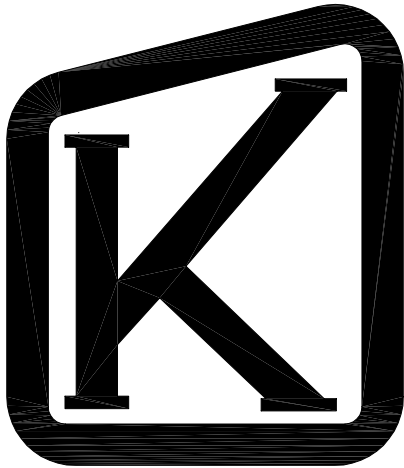
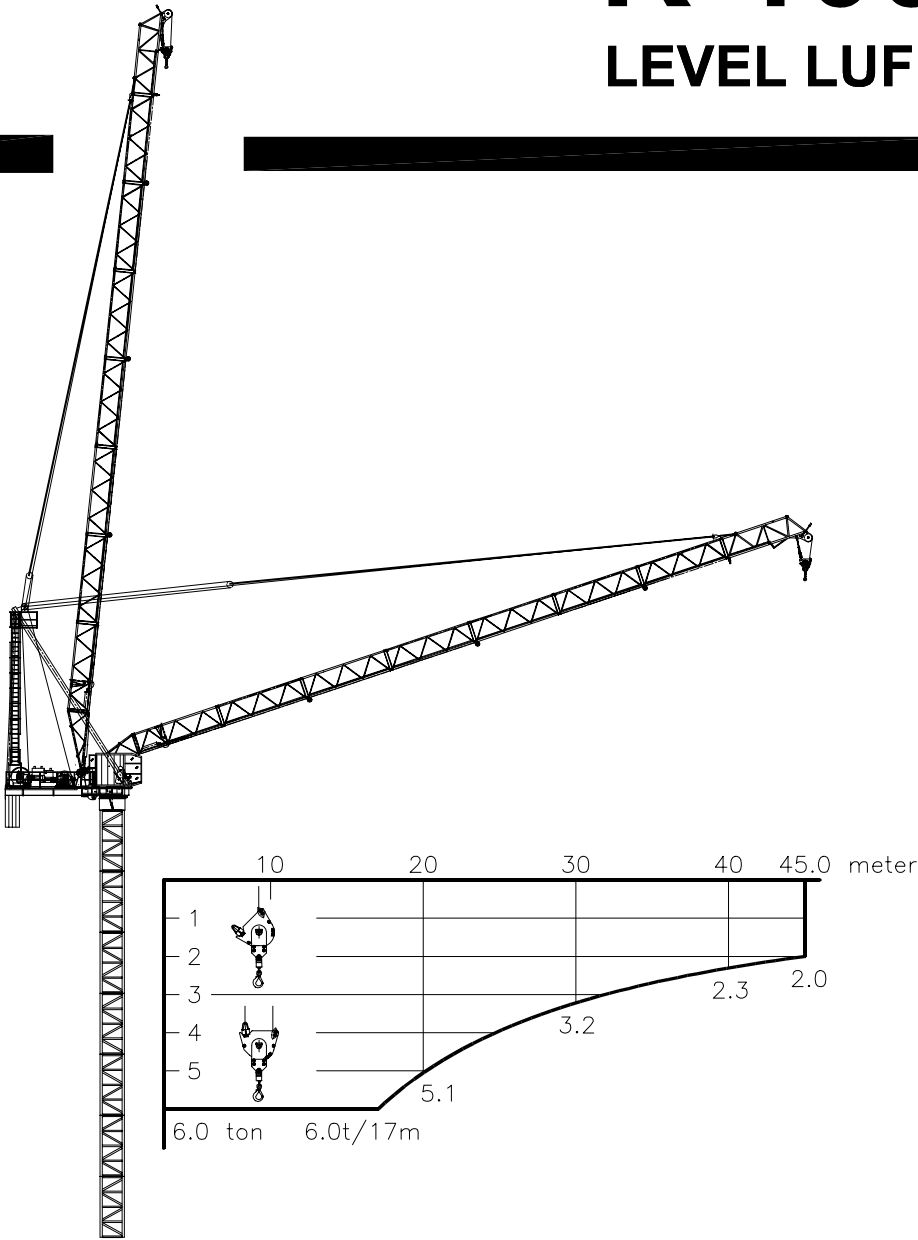


TECHNICAL  
DATA

K-100L  
LEVEL LUFFER

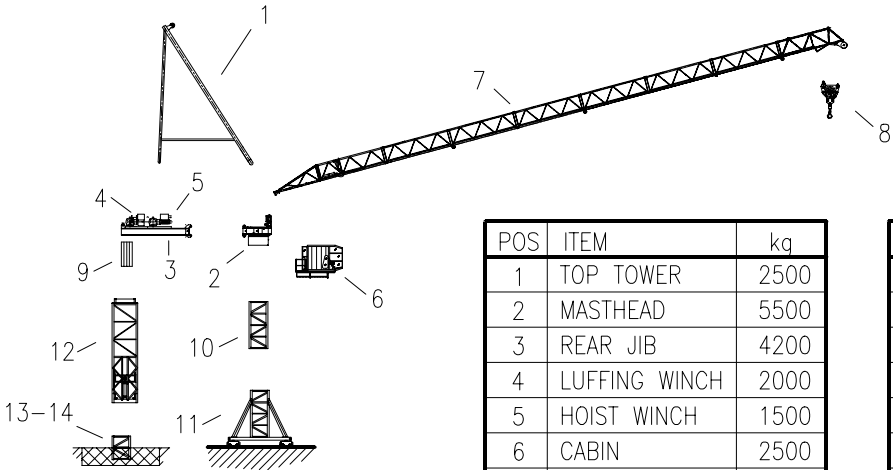


**KRØLL CRANES A/S**

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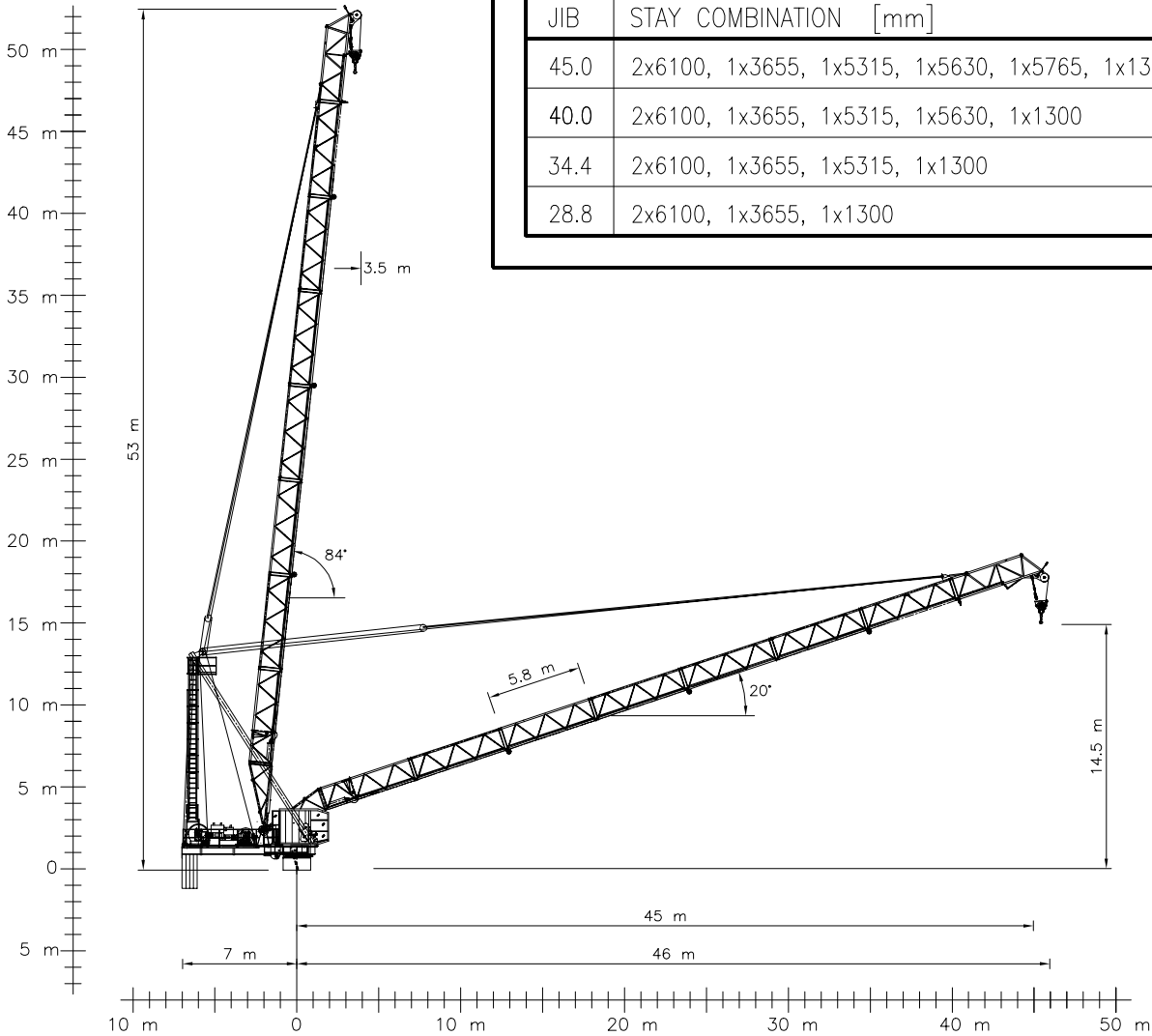
E-mail: [krollcranes@krollcranes.dk](mailto:krollcranes@krollcranes.dk) · [www.krollcranes.com](http://www.krollcranes.com)

APPROX. ERECTION WEIGHTS  
UNGEFÄHRE MONTAGEGEWICHTE



| POS | ITEM          | kg   |
|-----|---------------|------|
| 1   | TOP TOWER     | 2500 |
| 2   | MASTHEAD      | 5500 |
| 3   | REAR JIB      | 4200 |
| 4   | LUFFING WINCH | 2000 |
| 5   | HOIST WINCH   | 1500 |
| 6   | CABIN         | 2500 |
| 7   | JIB           | 5350 |
| 8   | HOOK          | 360  |

| POS | ITEM          | kg   |
|-----|---------------|------|
| 9   | COUNTERWEIGHT | 8000 |
| 10  | M16           | 1680 |
| 11  | B16           | 2200 |
| 12  | CT16          | 5700 |
| 13  | N16 (2m)      | 900  |
| 14  | BASEPADS(4)   | 888  |
| 15  |               |      |
| 16  |               |      |



EXTRA EQUIPMENT AVAILABLE

WALL TIE FRAMES, CABLE DRUMS, CURVE RUNNING AND 90° TURN BOGIES, ELEVATOR, FLOOD LIGHTING

ZUSÄTZLICHE AUSRÜSTUNG VERFÜGBAR

EINSPANNRAHMEN, KABELTROMMEL, KURVENFAHRENDE UND 90° DREHSCHEMEL, AUFZUG, SCHEINWERFER

THE DESIGN AND TECHNICAL SPECIFICATIONS GIVEN ARE APPLICABLE TO THE STANDARD MACHINE OF CRANE K-100L. MODIFICATIONS ACCORDING TO SPECIAL REQUIREMENTS REGARDING FOR EXAMPLE HOOK HEIGHT, JIB LENGTH, RAIL GAUGE, ETC.. ARE AVAILABLE. PLEASE CONTACT KRØLL CRANES A/S.

DIE KONSTRUKTIONS- UND TECHNISCHEN DATEN BEZIEHEN SICH AUF DIE STANDARD AUSFÜHRUNG DES KRANTYPS K-100L. INDIVIDUELLE FORDERUNGEN Z.B. AN HAKENHÖHE, AUSLEGERLÄNGE, SPURWEITE USW. KÖNNEN BERÜCKSICHTIGT WERDEN. NEHMEN SIE MIT KRØLL CRANES A/S KONTAKT AUF.

CONVERSION OF THE UNITS FOR FORCES  
UMRECHNUNG DER EINHEITEN FÜR KRÄFTE

10 N = 1 kg  
10 kN = 1 ton

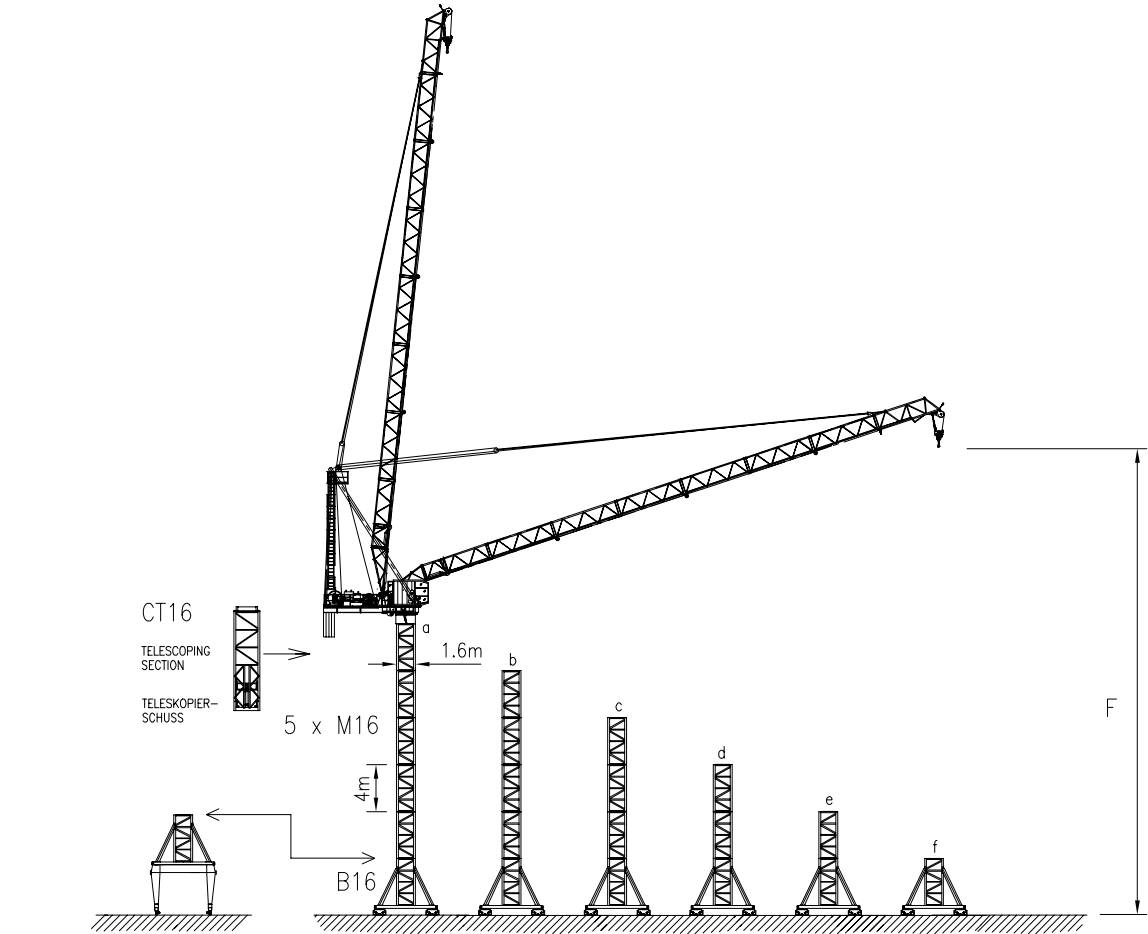
SUBJECT TO ALTERATIONS  
ÄNDERUNGEN VORBEHALTEN

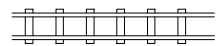
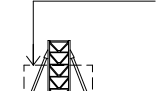
F.E.M

DATA SHEET  
DATABLATT

K-100L  
010401

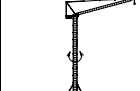
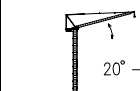
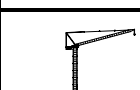
K-100L ON RAILS / AUF SCHIENEN



| HOOK HEIGHT / HAKENHÖHE                                                             | F                                                 | m  | a   | b   | c   | d   | e   | f   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|----|-----|-----|-----|-----|-----|-----|
|  | RAIL GAUGE<br>SPURWEITE                           | m  | 6   |     |     |     |     |     |
|  | BALLAST                                           | t  | 30  | 25  | 25  | 25  | 25  | 25  |
|  | PARKING FOUNDATIONS<br>PARKIERUNGSFUNDAMENTE * x4 | t  | 0   | 0   | 0   | 0   | 0   | 0   |
|  | IN SERVICE<br>IM BETRIEB                          | kN | 530 | 500 | 480 | 460 | 440 | 430 |
|                                                                                     | OUT OF SERVICE<br>AUSSER BETRIEB                  | kN | 530 | 440 | 350 | 280 | 220 | 180 |

|                                                                                     |                                        |                                                       |
|-------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------|
|  | 3 x 400 V - 50 Hz<br>3 x 440 V - 60 Hz | CONTROL VOLTAGE / STEUER SPANNUNG<br>24 VDC - 220 VAC |
|-------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------|

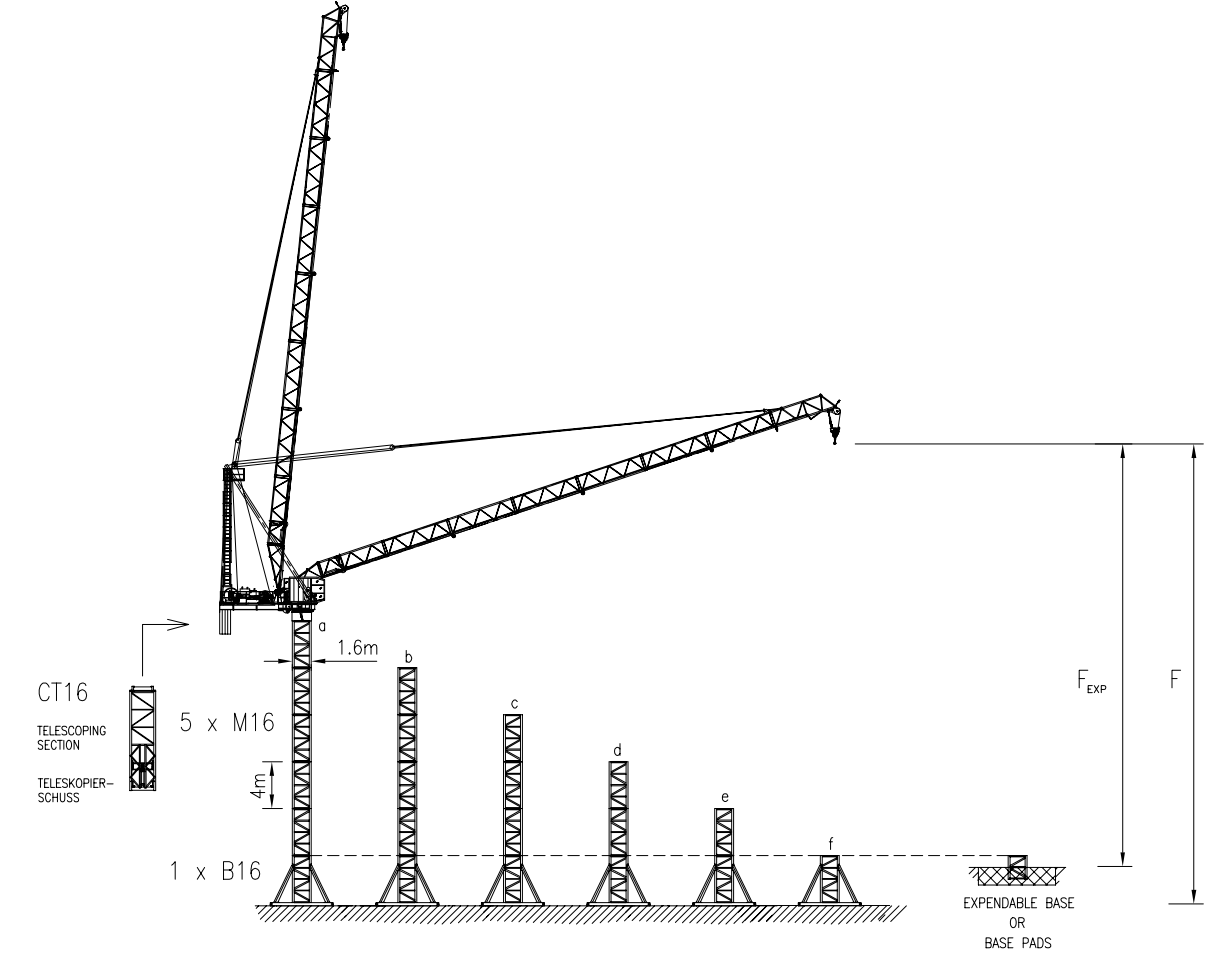
|                                                                                     |                                    |                                                     |
|-------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------|
|  | HOIST WINCH / HUBWERK              | 30 kW                                               |
|                                                                                     | POWER CONSUMPTION / STROMVERBRAUCH | 90 kVA<br>160 Amps                                  |
|  | POWER CABLE / HAUPTKABEL           | 0-100 m: 4G50<br>100-175 m: 4G75<br>175-250 m: 4G95 |
|  | 0-1500 kg                          | 0 - 100 m/min                                       |
|                                                                                     | 0-3000 kg                          | 0 - 50 m/min                                        |
|  | 0-3000 kg                          | 0 - 50 m/min                                        |
|                                                                                     | 0-6000 kg                          | 0 - 25 m/min                                        |

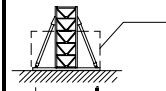
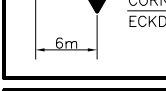
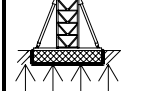
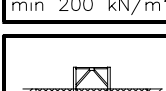
|                                                                                     |          |                                   |
|-------------------------------------------------------------------------------------|----------|-----------------------------------|
|  | 1 x 5 kW | 0 - 0.7 RPM                       |
|  | 30 kW    | STEPLESS<br>STUFENLOS<br>1:30 min |
|  | 4 x 5 kW | 25 m/min                          |

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| HOIST ROPE / HUB-SEIL      | ø18 mm - FILL FACTOR 0.65 - 1770 MPa BREAKING STRESS / BRUCHSPANNUNG |
|                            | 30 kW HOIST WINCH                                                    |
|                            | 350 m                                                                |
|                            | >350 m *                                                             |
| LUFFING WIRE / EINZIEHSEIL | ø18 mm - FILL FACTOR 0.65 - 1770 MPa BREAKING STRESS / BRUCHSPANNUNG |

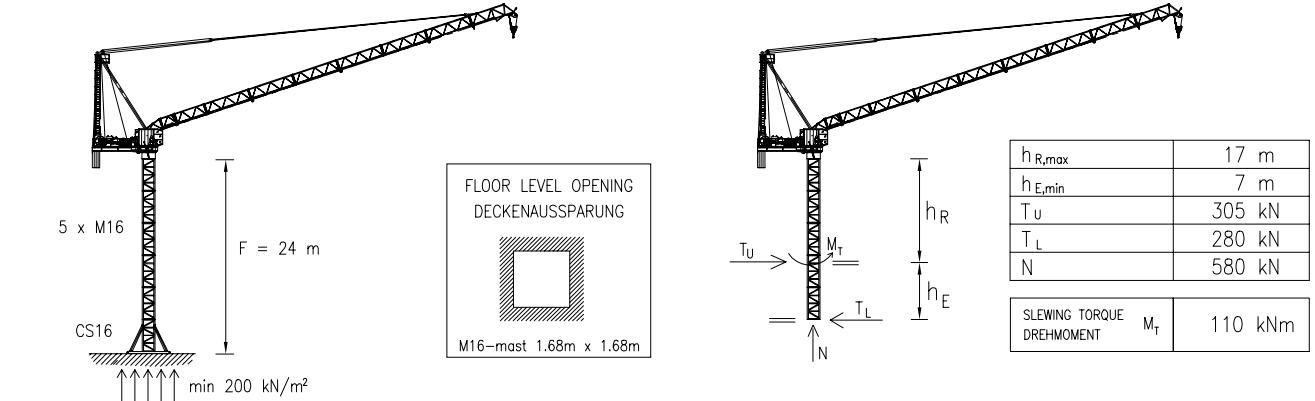
\* CONSULT KRØLL CRANES A/S - NEHMEN SIE MIT KRØLL CRANES A/S KONTAKT AUF

K-100L STATIONARY / STATIONÄR



| HOOK HEIGHT / HAKENHÖHE                                                               | F                                      | m                | a   | b   | c   | d   | e   | f   |
|---------------------------------------------------------------------------------------|----------------------------------------|------------------|-----|-----|-----|-----|-----|-----|
|  | BALLAST                                | t                | 30  | 27  | 25  | 25  | 25  | 25  |
|  | IN SERVICE<br>IM BETRIEB               | kN               | 520 | 490 | 470 | 450 | 440 | 430 |
|                                                                                       | OUT OF SERVICE<br>AUSSER BETRIEB       | kN               | 520 | 430 | 340 | 270 | 210 | 170 |
|  | B x B x H                              | F                | 39  | 35  | 31  | 27  | 23  | 19  |
|                                                                                       | H=1.0m                                 | B                | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
|                                                                                       | FOUNDATION WEIGHT<br>FUNDAMENTSGEWICHT | ton              | 117 | 117 | 117 | 117 | 117 | 117 |
|  | B x B x H                              | F <sub>EXP</sub> | 35  | 31  | 27  | 23  | 19  |     |
|                                                                                       | H=1.4m                                 | B                | 5.7 | 5.3 | 5.2 | 5.1 | 5.1 |     |
|                                                                                       | FOUNDATION WEIGHT<br>FUNDAMENTSGEWICHT | ton              | 109 | 94  | 91  | 87  | 87  |     |

K-100L CLIMBER / KLETTERKRAN



|                              |                        |
|------------------------------|------------------------|
| h <sub>R,max</sub>           | 17 m                   |
| h <sub>E,min</sub>           | 7 m                    |
| T <sub>U</sub>               | 305 kN                 |
| T <sub>L</sub>               | 280 kN                 |
| N                            | 580 kN                 |
| SLEWING TORQUE<br>DREHMOMENT | M <sub>t</sub> 110 kNm |