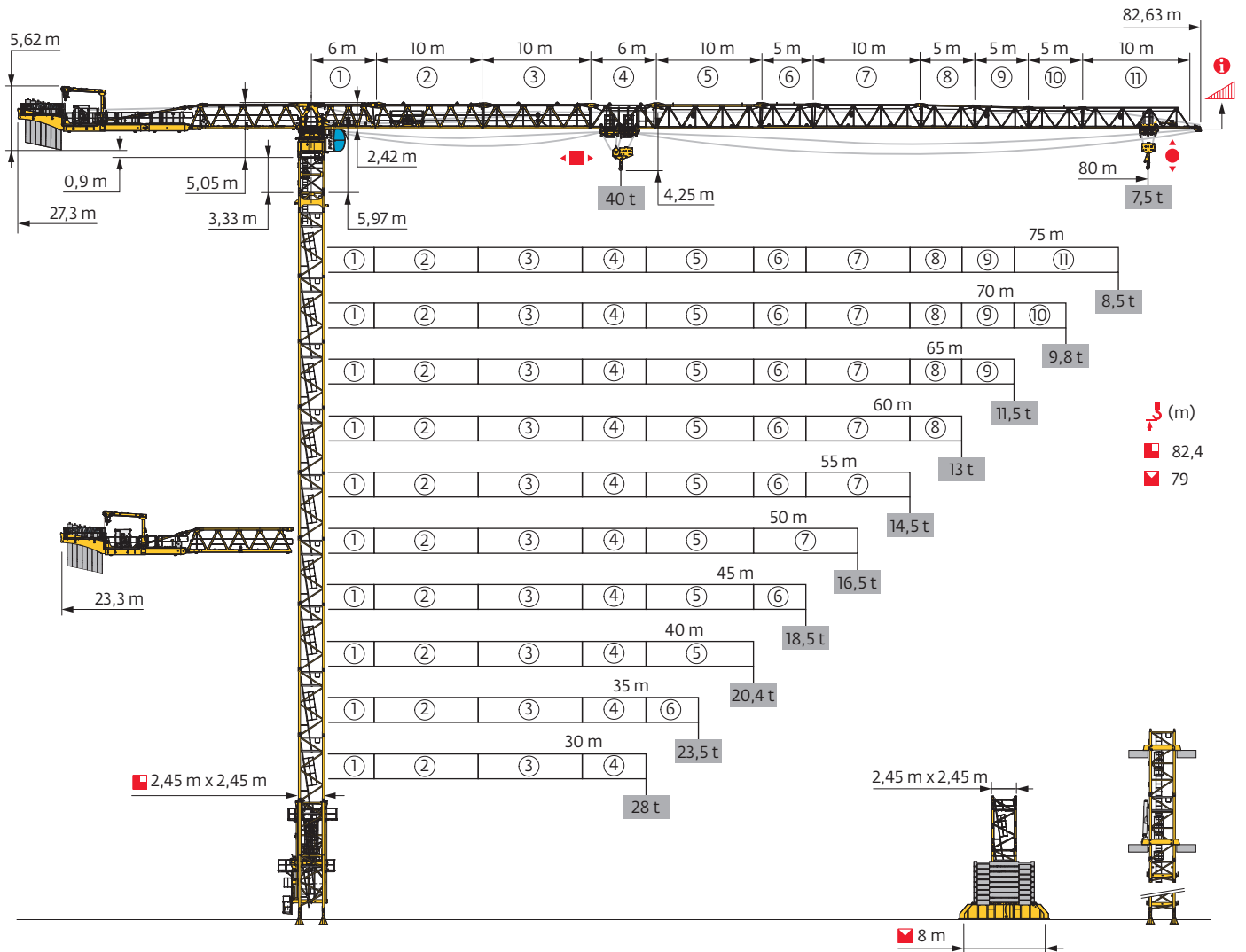
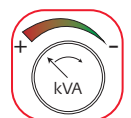


## MCT 805 M40



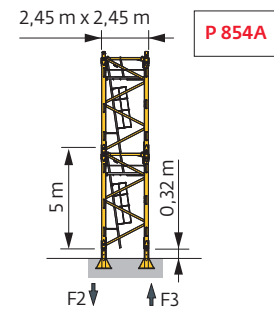
Power Control



Mât - Réactions / Mast - Reaktionskräfte / Mast - Reactions / Mástil - Reacciones / Torre - Reazioni  
 Tramo - Reações / Реакция опор мачты

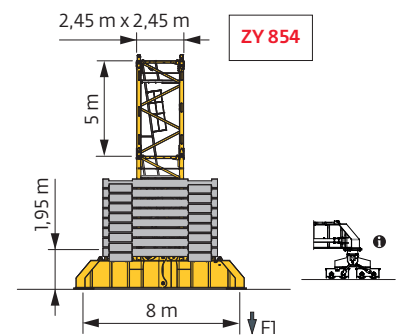
**2,45 m - P 854A**

| Δ (m)  | 30    | 35   | 40  | 45   | 50   | 55   | 60   | 65  | 70  | 75  | 80   |
|--------|-------|------|-----|------|------|------|------|-----|-----|-----|------|
| Δ (m)  | 82,4  | 80,7 | 79  | 82,4 | 80,7 | 80,7 | 80,7 | 79  | 79  | 79  | 77,4 |
| 3,33 m | 1     | 1    | 1   | 1    | 1    | 1    | 1    | 1   | 1   | 1   | 1    |
| 1,9 m  | 1     | 1    | 1   | 1    | 1    | 1    | 1    | 1   | 1   | 1   | 1    |
| 3,33 m | 1     | 2    | 0   | 1    | 2    | 2    | 2    | 0   | 0   | 0   | 1    |
| 5 m    | 15    | 14   | 15  | 15   | 14   | 14   | 14   | 15  | 15  | 15  | 14   |
| F2 (t) | ● 377 | 380  | 377 | 383  | 378  | 380  | 383  | 367 | 355 | 360 | 360  |
|        | ■ 432 | 423  | 390 | 445  | 429  | 438  | 443  | 421 | 424 | 437 | 430  |
| F3 (t) | ● 248 | 248  | 243 | 244  | 238  | 241  | 242  | 227 | 215 | 219 | 218  |
|        | ■ 323 | 311  | 285 | 326  | 309  | 319  | 322  | 293 | 303 | 316 | 308  |



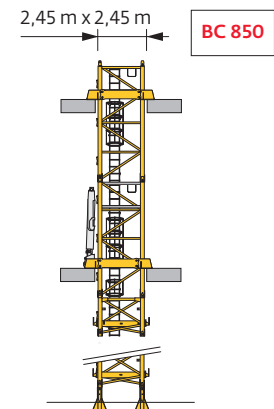
**2,45 m - ZY 854**

| Δ (m)  | 30    | 35  | 40  | 45  | 50  | 55   | 60  | 65   | 70   | 75   | 80  |
|--------|-------|-----|-----|-----|-----|------|-----|------|------|------|-----|
| Δ (m)  | 79    | 79  | 74  | 79  | 79  | 77,3 | 74  | 75,7 | 75,7 | 75,7 | 74  |
| 3,33 m | 1     | 1   | 1   | 1   | 1   | 1    | 1   | 1    | 1    | 1    | 1   |
| 1,9 m  | 1     | 1   | 1   | 1   | 1   | 1    | 1   | 1    | 1    | 1    | 1   |
| 3,33 m | 1     | 1   | 1   | 1   | 1   | 2    | 1   | 0    | 0    | 0    | 1   |
| 5 m    | 14    | 14  | 13  | 14  | 14  | 13   | 13  | 14   | 14   | 14   | 13  |
| F1 (t) | ● 217 | 221 | 211 | 222 | 223 | 220  | 216 | 217  | 218  | 219  | 219 |
|        | ■ 212 | 216 | 184 | 221 | 220 | 216  | 197 | 201  | 212  | 219  | 216 |

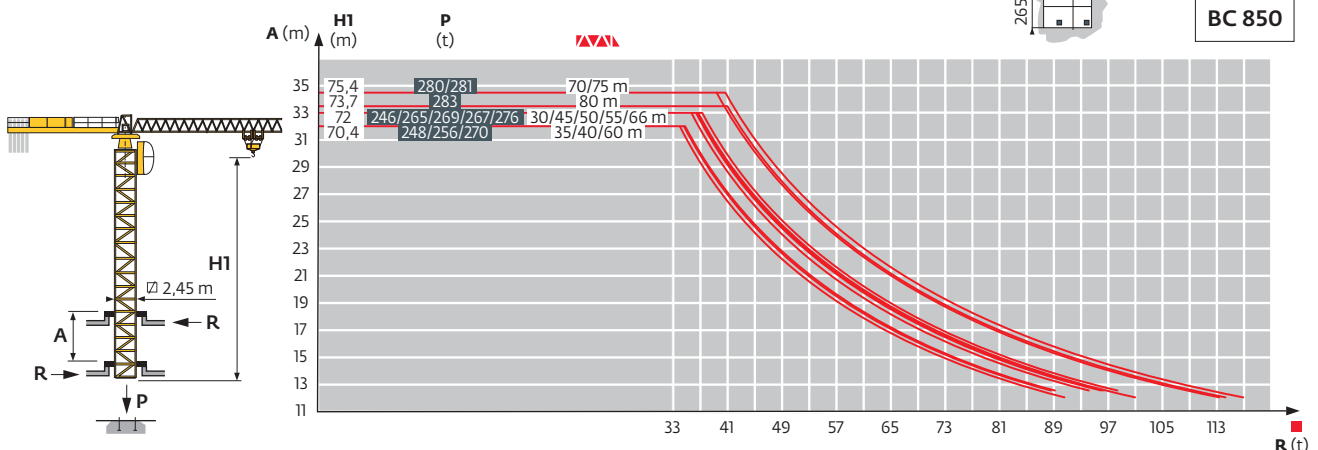


**2,45 m - BC 850**

| Δ (m)  | 30 | 35   | 40   | 45 | 50 | 55 | 60   | 65 | 70   | 75   | 80   |
|--------|----|------|------|----|----|----|------|----|------|------|------|
| Δ (m)  | 72 | 70,4 | 70,4 | 72 | 72 | 72 | 70,4 | 72 | 75,4 | 75,4 | 73,7 |
| 3,33 m | 3  | 1    | 1    | 3  | 3  | 3  | 1    | 3  | 1    | 1    | 2    |
| 1,9 m  | 1  | 1    | 1    | 1  | 1  | 1  | 1    | 1  | 1    | 1    | 1    |
| 5 m    | 12 | 13   | 13   | 12 | 12 | 12 | 13   | 12 | 14   | 14   | 13   |
| 1,67 m | 1  | 1    | 1    | 1  | 1  | 1  | 1    | 1  | 1    | 1    | 1    |



Télescopage sur dalles / Kletterkrane im Gebäude / Climbing Crane / Telescopage grua trepadora / Gru in cavedio  
 Telescopagem sobre lajes / Кран, ползущий внутри здания





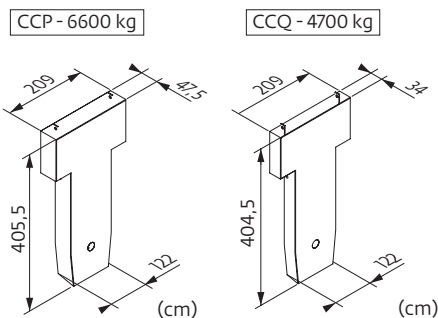
Lest de base / Grundballast / Base ballast / Lastre de base / Zavorra di base  
 Lastro da base / Базовый Балласт

**⚖️ (t) / 📏 2,45 m - ZY 854 - 🏠**

| 📏 (m) | 30  | 35  | 40  | 45  | 50  | 55  | 60  | 65  | 70  | 75  | 80  |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 79    | 144 | 144 |     | 132 | 120 |     |     |     |     |     |     |
| 77,3  | 132 | 132 |     | 132 | 120 | 132 |     |     |     |     |     |
| 75,7  | 132 | 132 |     | 120 | 120 | 132 |     | 144 | 156 | 156 |     |
| 74    | 132 | 132 | 132 | 120 | 120 | 132 | 144 | 144 | 156 | 156 | 156 |
| 72,3  | 132 | 132 | 120 | 120 | 108 | 132 | 144 | 144 | 156 | 156 | 156 |
| 67,3  | 108 | 108 | 108 | 108 | 96  | 132 | 132 | 144 | 144 | 144 | 144 |
| 62,3  | 96  | 96  | 96  | 84  | 84  | 132 | 132 | 132 | 144 | 144 | 144 |
| 57,3  | 84  | 72  | 84  | 84  | 84  | 120 | 132 | 132 | 132 | 132 | 144 |
| 52,3  | 84  | 72  | 72  | 72  | 84  | 120 | 120 | 120 | 132 | 132 | 132 |
| 47,3  | 72  | 60  | 72  | 72  | 72  | 108 | 120 | 120 | 132 | 120 | 132 |
| 42,3  | 60  | 60  | 60  | 72  | 72  | 108 | 108 | 120 | 120 | 120 | 120 |
| 37,3  | 60  | 60  | 60  | 72  | 72  | 108 | 108 | 108 | 120 | 108 | 120 |
| 32,3  | 60  | 60  | 60  | 60  | 60  | 96  | 108 | 108 | 108 | 108 | 120 |
| 27,3  | 60  | 60  | 60  | 60  | 60  | 96  | 96  | 96  | 108 | 96  | 120 |
| 22,3  | 48  | 60  | 48  | 60  | 60  | 96  | 96  | 96  | 96  | 96  | 120 |
| 17,3  | 48  | 60  | 48  | 48  | 48  | 84  | 84  | 84  | 96  | 96  | 120 |




Poids de flèche & lest de contre-flèche / Auslegergewicht & Gegenauslegerballast / Jib weight & counter-jib ballast / Peso de flecha y lastre de contra-flecha / Peso del braccio & zavorra di contro-braccio / Peso da lança & lastro da contra lança  
 Вес стрелы и балласт контр-стрелы

| 📏 (m) | 270 LVF 100 🏠 |         |         | 270 LVF 100 FS 🏠 |         |         | 270 LVF 100 GH 🏠 |         |         | 270 LVF 100 GH FS 🏠 |         |         |
|-------|---------------|---------|---------|------------------|---------|---------|------------------|---------|---------|---------------------|---------|---------|
|       | 6600 kg       | 4700 kg | ⚖️ (kg) | 6600 kg          | 4700 kg | ⚖️ (kg) | 6600 kg          | 4700 kg | ⚖️ (kg) | 6600 kg             | 4700 kg | ⚖️ (kg) |
| 80 m  | 6             | 1       | 44300   | 6                | 1       | 44300   | 5                | 2       | 42400   | 5                   | 2       | 42400   |
| 75 m  | 5             | 2       | 42400   | 5                | 2       | 42400   | 4                | 3       | 40500   | 4                   | 3       | 40500   |
| 70 m  | 5             | 3       | 42400   | 5                | 2       | 42400   | 6                | 0       | 39600   | 6                   | 0       | 39600   |
| 65 m  | 4             | 3       | 40500   | 4                | 3       | 40500   | 6                | 0       | 39600   | 5                   | 1       | 37700   |
| 60 m  | 6             | 0       | 39600   | 6                | 0       | 39600   | 4                | 2       | 35800   | 4                   | 2       | 35800   |
| 55 m  | 4             | 2       | 35800   | 4                | 2       | 35800   | 5                | 0       | 33000   | 5                   | 0       | 33000   |
| 50 m  | 6             | 1       | 44300   | 6                | 1       | 44300   | 5                | 2       | 42400   | 4                   | 3       | 40500   |
| 45 m  | 5             | 2       | 42400   | 4                | 3       | 40500   | 6                | 0       | 39600   | 5                   | 1       | 37700   |
| 40 m  | 5             | 1       | 37700   | 5                | 1       | 37700   | 4                | 2       | 35800   | 3                   | 3       | 33900   |
| 35 m  | 4             | 1       | 31100   | 4                | 1       | 31100   | 3                | 2       | 29200   | 3                   | 2       | 29200   |
| 30 m  | 3             | 2       | 29200   | 3                | 2       | 29200   | 4                | 0       | 26400   | 4                   | 0       | 26400   |





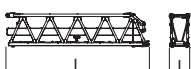



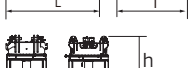








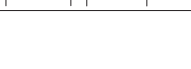


Encombremet et poids / Abmessungen und Gewicht / Dimensions and weight / Dimensiones y peso / Ingombro e peso  
dimensões e pesos / габаритные размеры и вес

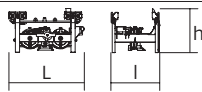
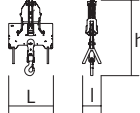
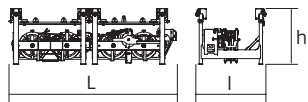
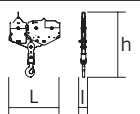
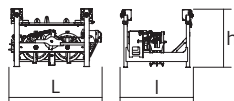
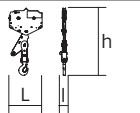

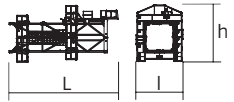
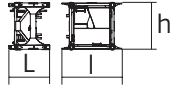
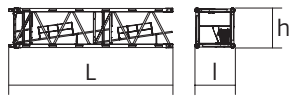
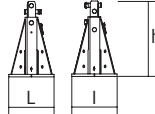
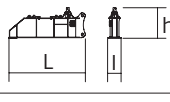
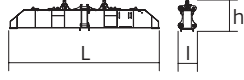
Partie tournante / Drehender Kranteil / Slewing crane part / Parte giratoria

Parte rotante / Parte rotativa / Поворотная часть :  80 m -  -  - 270/320 LVF

 x 10

 x 10

| Partie tournante / Drehender Kranteil / Slewing crane part<br>Parte giratoria / Parte rotante / Parte rotativa<br>Поворотная часть  | L (m)   | l (m)  | h (m)                        | kg<br>(+/-5%)                |                              |                                |
|---|---|--|------------------------------|------------------------------|------------------------------|--------------------------------|
|    | 7,89  | 2,27   | 2,25                         | 10408                        |                              |                                |
|    | 12  | 2,27   | 2,25                         | 14403                        |                              |                                |
| Contre-flèche / Gegenausleger<br>Counter-jib / Contra-flecha<br>Controbraccio / Contra-lança<br>Контр-стрела  |    | 10,36  | 1,9                          | 2,46                         | 9680                         |                                |
|    | 270/320 LVF   | 12,2   | 6,69                         | 4,19                         | 12160                        |                                |
|    | 270/320 LVF   | 16,2   | 6,69                         | 4,19                         | 16130                        |                                |
| cabine / Kabine<br>cab / cabina<br>cabina / cabina<br>кабина  |   | V140S  | 4,32                         | 3,34                         | 3,73                         | 1962                           |
| Pivot / Krankopf<br>Towerhead / Pivote<br>Portaralla / Pivot<br>Секция поворотной части   |  | □2,45 m  | 2,49                         | 2,64                         | 2,95                         | 14222                          |
|    |   | 4,33   | 6,67                         | 4,12                         | 16184                        |                                |
| Treuil de levage (+ câble) / Hubwerk (+ Seil)<br>Hoisting winch (+ rope) / Mecanismo<br>de elevación (+ cabo)<br>Argano di sollevamento (+ fune)<br>Guincho de elevação (+ cabo)<br>Подъемная лебедка (+ канатом) |  | 270/320 LVF<br>270/320 LVF FS<br>270/320 LVF GH<br>270/320 LVF GH FS | 5,16<br>5,16<br>5,16<br>5,16 | 2,31<br>2,31<br>2,31<br>2,31 | 2,24<br>2,24<br>2,24<br>2,24 | 8169<br>8695<br>10542<br>11536 |
| Elément de flèche / Auslegerement<br>Jib section / Elemento de flecha<br>Elemento di braccio / Elemento de lança<br>Секция стрелы   |  | ①  | 7,79                         | 1,55                         | 2,49                         | 12175                          |
|   |  | ②  | 10,52                        | 2,21                         | 2,49                         | 12282                          |
|   |  | ③  | 10,4                         | 1,47                         | 2,48                         | 8444                           |
|   |  | ④  | 6,38                         | 1,38                         | 2,42                         | 3970                           |
|   |  | ⑤  | 10,49                        | 1,38                         | 2,37                         | 4990                           |
|   |  | ⑦  | 10,33                        | 1,38                         | 2,28                         | 3172                           |
|   |  | ⑧  | 10,11                        | 1,38                         | 1,95                         | 1407                           |
|   |  | ⑨  | 5,42                         | 1,38                         | 2,34                         | 2201                           |
|   |  | ⑩  | 5,27                         | 1,38                         | 2,24                         | 1356                           |
|   |  | ⑪  | 5,27                         | 1,38                         | 2,08                         | 986                            |
|  | ⑫   | 5,26   | 1,38                         | 2,03                         | 886                          |                                |
|  |   | 1,68   | 1,57                         | 0,6                          | 343                          |                                |

| Partie tournante / Drehender Kranteil / Slewing crane part<br>Parte giratoria / Parte rotante / Parte rotativa<br>Поворотная часть  |   | L (m)   | l (m)                | h (m)                | kg<br>(+/-5%)        |                      |
|---|---|---------|----------------------|----------------------|----------------------|----------------------|
| Chariot / Laufkatze<br>Trolley / Carrello<br>Carro / Carro-distribuidor<br>Тележка  |    | 40 t    | 2,72                 | 1,75                 | 1,58                 | 1215                 |
| Moufle / Hubflasche<br>Pulley block / Aparejo<br>Bozzello / Cadernal<br>Полиспаст   |    | 40 t    | 1,89                 | 0,8                  | 3,24                 | 1415                 |
| Chariot / Laufkatze<br>Trolley / Carrello<br>Carro / Carro-distribuidor<br>Тележка  |    | 40 t    | 4,2                  | 1,75                 | 1,5                  | 1460                 |
| Moufle / Hubflasche<br>Pulley block / Aparejo<br>Bozzello / Cadernal<br>Полиспаст   |    | 40 t    | 2,3                  | 0,34                 | 2,95                 | 1308                 |
| Chariot / Laufkatze<br>Trolley / Carrello<br>Carro / Carro-distribuidor<br>Тележка  |    | 20 t    | 2,23                 | 1,75                 | 1,53                 | 777                  |
| Moufle / Hubflasche<br>Pulley block / Aparejo<br>Bozzello / Cadernal<br>Полиспаст   |    | 20 t    | 1,52                 | 0,26                 | 3,05                 | 811                  |
| Nacelle de chariot/ Arbeitsbühne an der Laufkatze<br>Trolley inspection platform / Gondola de carro<br>Navicella-carrelino/ Cesta do carro<br>Платформа тележки   |  |         | 0,96                 | 1,05                 | 2,12                 | 57                   |
| <b>Equipement de télescopage / Teleskopierausrüstung / Telescoping equipment<br/>Equipo de telescopaje / Equipaggiamento di telescopaggio / Equipamento de telescopagem<br/>Оборудование для телескопирования</b> |   |         |                      |                      |                      |                      |
| TC 851  |  | □2,45 m | 11,18                | 4,84                 | 5,8                  | 15750                |
| <b>Mâture / Mastwerk / Masts<br/>Mástil / Torre / Coluna<br/>Мачты</b>  |   |         |                      |                      |                      |                      |
| K 850/K 850   |  | □2,45 m | 2,22                 | 3,25                 | 2,5                  | 3600                 |
| KM 850.10A<br>KM 850.14A<br>KM 850.10C  |  | □2,45 m | 5,32<br>5,32<br>3,65 | 2,54<br>2,54<br>2,54 | 2,51<br>2,51<br>2,51 | 5450<br>5990<br>4230 |
| <b>Bases / Kranbasen / Crane bases<br/>Bases / Basi / Bases<br/>фундамент под кран</b>  |   |         |                      |                      |                      |                      |
| Pieds de scellement / VerankerungsfüÙe<br>Fixing angles / Pie de empotramiento<br>Montante da annegare / Angulos fixadores<br>анкера  |  | P 854A  | 0,9                  | 0,9                  | 1,5                  | 940                  |
| 1/2 Bras de croix / 1/2 Fundamentkruzträger<br>1/2 Cross girder / 1/2 Braço en cruz<br>1/2 Braccio croce / 1/2 Braço da cruz<br>1/2 Поперечная балка  |  | ZY 854  | 5,66                 | 0,98                 | 2,27                 | 5940                 |
| Bras de croix / Fundamentkruzträger<br>Cross girder / Braço en cruz<br>Braccio croce / Braço da cruz<br>Поперечная балка  |  | ZY 854  | 11,9                 | 1,42                 | 2,27                 | 13350                |

Mécanismes / Triebwerke / Mechanisms / Mecanismos / Meccanismi  
Mecanismos / Механизмы

| 400 V - 50 Hz |                       |                        |   |      |    |       |     |      |      |    |      |        | ch - PS<br>hp | kW  |        |
|---------------|-----------------------|------------------------|---|------|----|-------|-----|------|------|----|------|--------|---------------|-----|--------|
|               | 270 LVF 100 Optima    | m/min                  | 51  | 66,5 | 96 | 139   | 162 | 25,5 | 33,5 | 49 | 71   | 81     | 270           | 200 | 532 m  |
|               |                       | t                      | 20  | 15   | 10 | 5     | 3,5 | 40   | 30   | 20 | 10   | 8      |               |     |        |
|               | 270 LVF 100 GH Optima | m/min                  | 53  | 69   | 96 | 125,5 | 133 | 26   | 34,5 | 48 | 66,5 |        | 270           | 200 | 1063 m |
|               |                       | t                      | 20  | 15   | 10 | 5     | 3,5 | 40   | 30   | 20 | 10   |        |               |     |        |
|               | 15 DVFC 16 Optima     | m/min                  | 0 → 33 (40 t) 0 → 50 (20 t) 0 → 67 (10 t) 0 → 100 (2,5 t) |      |    |       |     |      |      |    |      | 15     | 11            |     |        |
|               | 15 DVF 16 Optima      | m/min                  | 0 → 33 (40 t) 0 → 50 (20 t) 0 → 67 (10 t) 0 → 100 (2,5 t) |      |    |       |     |      |      |    |      | 15     | 11            |     |        |
|               | RVF 174 Optima+       | tr/min<br>U/min<br>rpm | 0 → 0,7   |      |    |       |     |      |      |    |      | 4 x 10 | 4 x 7,5       |     |        |
|               |                       |                        |   |      |    |       |     |      |      |    |      |        |               |     |        |

|  | IEC 60204-32            |  | kVA           |
|--|-------------------------|--|---------------|
|  | 400 V (+10% -10%) 50 Hz |  | 266 → 158 kVA |

| 480 V - 60 Hz |                       |                        |   |    |       |     |     |    |    |    |      |        | ch - PS<br>hp | kW  |        |
|---------------|-----------------------|------------------------|---|----|-------|-----|-----|----|----|----|------|--------|---------------|-----|--------|
|               | 320 LVF 100 Optima    | m/min                  | 67  | 86 | 118   | 148 | 162 | 34 | 43 | 60 | 74   | 81     | 320           | 240 | 532 m  |
|               |                       | t                      | 20  | 15 | 10    | 6,8 | 6   | 40 | 30 | 20 | 14,2 | 12,7   |               |     |        |
|               | 320 LVF 100 GH Optima | m/min                  | 67  | 85 | 112,5 | 133 |     | 34 | 43 | 57 | 66,5 |        | 320           | 240 | 1063 m |
|               |                       | t                      | 20  | 15 | 10    | 7,3 |     | 40 | 30 | 20 | 16,4 |        |               |     |        |
|               | 15 DVFC 16 Optima     | m/min                  | 0 → 33 (40 t) 0 → 50 (20 t) 0 → 67 (10 t) 0 → 100 (2,5 t) |    |       |     |     |    |    |    |      | 15     | 11            |     |        |
|               | 15 DVF 16 Optima      | m/min                  | 0 → 33 (40 t) 0 → 50 (20 t) 0 → 67 (10 t) 0 → 100 (2,5 t) |    |       |     |     |    |    |    |      | 15     | 11            |     |        |
|               | RVF 174 Optima+       | tr/min<br>U/min<br>rpm | 0 → 0,7   |    |       |     |     |    |    |    |      | 4 x 10 | 4 x 7,5       |     |        |
|               |                       |                        |   |    |       |     |     |    |    |    |      |        |               |     |        |

|  | IEC 60204-32           |  | kVA           |
|--|------------------------|--|---------------|
|  | 480 V (+6% -10%) 60 Hz |  | 306 → 178 kVA |

|  | FR   | DE   | EN  | ES  | IT  | PT  | RU  |
|--|--|--|---|---|---|---|---|
|  | Appel de flèche  | Auslegerüberhöhung   | Jib elevation   | Elevación de la flecha  | Inclinazione braccio  | Desvio da lança   | подъем стрелы   |
|  | Réactions en service   | Reaktionskräfte in Betrieb   | Reactions in service  | Reacciones en servicio  | Reazioni in servizio  | Reacções em serviço   | Реакция при работе  |
|  | Réactions hors service   | Reaktionskräfte außer Betrieb  | Reactions out of service  | Reacciones fuera de servicio  | Reazioni fuori servizio   | Reacções fora de serviço  | Реакция в покое   |
|  | Poids total du lest  | Ballast-Gesamtgewicht  | Total ballast weight  | Peso total del lastre   | Peso totale della zavorra   | Peso total do lastro  | Общий вес балласта  |
|  | Camion 13,4 m  | Lkw 13,4 m   | Lorry 13,4 m  | Camión 13,4 m   | Camion 13,4 m   | Camião 13,4 m   | Ррузовой автомобиль 13,4 м  |
|  | Conteneur High Cube 40"  | Container High Cube 40"  | Container High Cube 40"   | Contenedor High cube 40"  | Container High Cube 40"   | Contentor 40"   | Контейнер повышенной вместимости длиной 40"   |
|  | Cadre d'ancrage serré  | Fester Verankerungsrahmen  | Tightened anchorage frame   | Marco de anclaje de apriete   | Quadro di ancoraggio stretto  | Quadro de amarração apertado  | Прикрепленная анкерная рама   |
|  | Cadre d'ancrage desserré   | Looser Verankerungsrahmen  | Loosened anchorage frame  | Marco de anclaje de desapriete  | Quadro di ancoraggio allentato  | Quadro de amarração solto   | Отсоединенная анкерная рама   |
|  | Levage   | Heben  | Hoisting  | Elevación   | Sollevamento  | Elevação  | Подъем  |
|  | Distribution   | Katzfahren   | Trolleying  | Distribución  | Distribuzione   | Distribuição  | Перемещение по стреле   |
|  | Orientation  | Schwenken  | Slewing   | Orientación   | Rotazione   | Rotação   | Поворот   |
|  | Tranlation   | Kranfahren   | Travelling  | Traslación  | Traslazione   | Translação  | Перемещение крана   |
|  | Puissance requise  | Erforderliche Leistung   | Required power  | Potencia Necesaria  | Potenza richiesta   | Potência Necessária   | Потребляемая мощность   |
|  | Fonction Power Control : vitesses treuils adaptées à la puissance disponible                                 | Funktion Power Control: Geschwindigkeiten der Triebwerke werden an die verfügbare Leistung angepasst   | Power Control Function: winch speeds adapted to the available power   | Función Power Control: marchas de los cabrestantes adaptadas a la potencia disponible                   | Funzione Power Control: velocità degli argani adattate alla potenza disponibile                                   | Função Power Control: velocidades de guincho adaptadas à potência disponível  | Функция контроля мощности Power Control: регулировка скорости лебедок в зависимости от доступной мощности                             |
|  | Nous consulter   | AufAnfrage   | Consult us  | Consultarnos  | Consultateci  | Consultar-nos   | Проконсультируйтесь у нас   |
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