



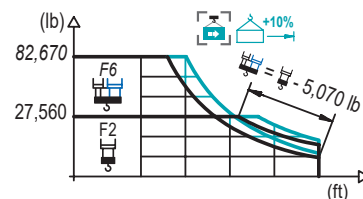
# DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

DTA

EFU6-65-62; EFU5-110-62; EFU6-132-62

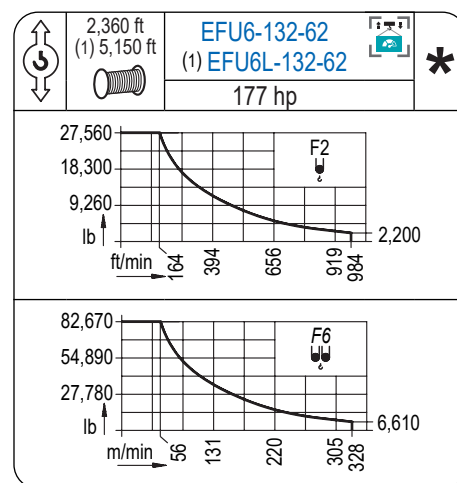
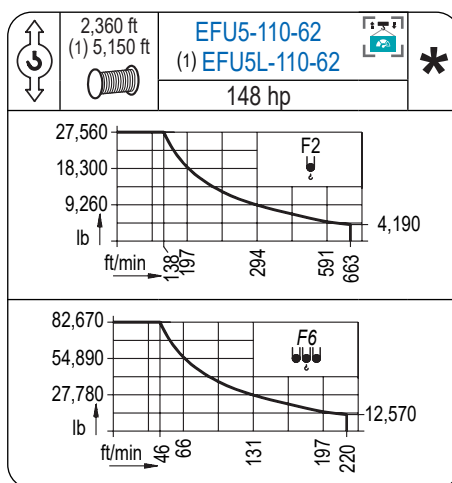
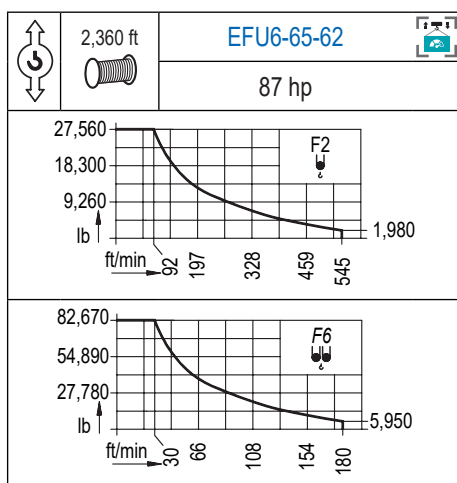
| R     | 82,670 lb     | 27,560 lb      |                | 65.6   | 82.0             | 98.4             | 114.8            | 131.2            | 147.6            | 164.0            | 180.4            | 196.9            | 213.3            | 229.7            | 246.1            | 262.5            | ↔ (ft)<br>↕ (lb) |
|-------|---------------|----------------|----------------|--------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 262.5 | 79.1<br>85.6  | 194.6<br>211.9 | 230.3<br>250.7 | 82,670 | 79,190<br>82,670 | 63,870<br>70,350 | 53,130<br>58,660 | 45,240<br>50,020 | 39,150<br>43,390 | 34,330<br>38,120 | 30,400<br>33,860 | 27,560<br>30,310 | 27,560<br>27,560 | 27,560<br>27,560 | 25,600<br>27,560 | 23,810<br>26,190 |                  |
| 246.1 | 83.7<br>89.6  | 206.4<br>221.5 | 244.4<br>246.1 |        | 82,670<br>82,670 | 68,230<br>73,920 | 56,860<br>61,680 | 48,460<br>52,650 | 42,000<br>45,720 | 36,880<br>40,210 | 32,740<br>35,740 | 29,280<br>32,030 | 27,560<br>28,920 | 27,560<br>27,560 | 27,340<br>27,560 |                  |                  |
| 229.7 | 88.6<br>94.8  | 218.8<br>226.0 | 229.7          |        | 82,670<br>82,670 | 72,930<br>79,210 | 60,850<br>66,180 | 51,940<br>56,570 | 45,060<br>49,160 | 39,640<br>43,320 | 35,230<br>38,560 | 31,570<br>34,610 | 28,480<br>31,280 | 27,560<br>29,100 |                  |                  |                  |
| 213.3 | 92.2<br>99.1  | 209.6<br>209.6 |                |        | 82,670<br>82,670 | 76,630<br>82,670 | 64,000<br>69,750 | 54,670<br>59,680 | 47,490<br>51,920 | 41,800<br>45,770 | 37,190<br>40,790 | 33,360<br>36,640 | 30,860<br>33,950 |                  |                  |                  |                  |
| 196.9 | 94.5<br>101.7 | 193.2<br>193.2 |                |        | 82,670<br>82,670 | 78,770<br>82,670 | 65,810<br>71,870 | 56,240<br>61,510 | 48,880<br>53,530 | 43,060<br>47,220 | 38,320<br>42,110 | 35,270<br>38,800 |                  |                  |                  |                  |                  |
| 180.4 | 86.3<br>104.0 | 176.8<br>176.8 |                |        | 82,670<br>82,670 | 80,580<br>82,670 | 67,330<br>73,660 | 57,560<br>63,050 | 50,040<br>54,920 | 44,090<br>48,460 | 40,340<br>44,380 |                  |                  |                  |                  |                  |                  |
| 164.0 | 95.8<br>103.7 | 160.4<br>160.4 |                |        | 82,670<br>82,670 | 80,200<br>82,670 | 67,020<br>73,410 | 57,300<br>62,850 | 49,820<br>54,740 | 45,190<br>49,710 |                  |                  |                  |                  |                  |                  |                  |
| 147.6 | 98.1<br>102.7 | 144.0<br>144.0 |                |        | 82,670<br>82,670 | 79,100<br>82,670 | 66,090<br>72,490 | 56,480<br>62,060 | 50,710<br>55,780 |                  |                  |                  |                  |                  |                  |                  |                  |
| 131.2 | 99.1<br>107.3 | 127.6<br>127.6 |                |        |                  | 82,670<br>82,670 | 69,620<br>76,500 | 61,730<br>67,900 |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 114.8 | 96.8<br>105.0 | 111.2<br>111.2 |                |        | 82,670<br>82,670 | 81,040<br>82,670 | 70,550<br>77,600 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 98.4  | 94.8<br>94.8  | 94.8<br>94.8   |                |        |                  |                  | 82,670<br>82,670 |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |



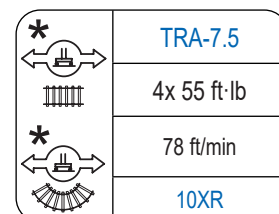
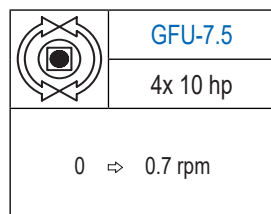
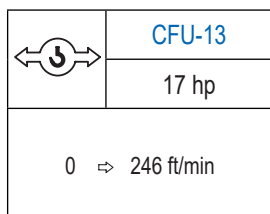
Datos válidos hasta 328 ft de ABG. Para alturas mayores consultar / Valid data up to 328 ft HUH. Additional heights on request / Données valables jusqu'à 328 ft HSC. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 328 ft HH. Bei höheren Hakenhöhen nachfragen / Допустимые данные до 328 фут ВПК. Для более высоких высот консультируйтесь

## MECANISMOS / MECHANISMS

Mécanismes / Antriebe / Механизмы



(1) Para mecanismos de alta capacidad de cable consultar cargas / For mechanisms with high drum capacity, request loads / Pour des mécanismes avec une grande capacité de câble il faut consulter / Für Hubmechanismen mit hoher Kabelkapazität, Lastdiagramm anfragen / Проконсультируйтесь о нагрузках при механизмах с большой вместимостью кабеля

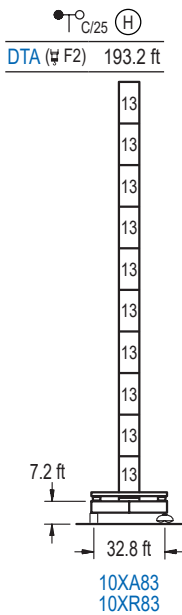


| Elevación / Hoist /<br>Levege / Hub / Тип<br>механизма (подъем) | Carro / Trolley /<br>Chariot / Laufkatze /<br>Грузовая тележка | Giro / Slewing<br>/ Rotation /<br>Drehbewegung /<br>Поворот | Traslación / Travel<br>/ Translation /<br>Verfahrbewegung<br>/ Ход | Tensión de alimentación /<br>Operating voltage / Tension de<br>service / Betriebsspannung /<br>Напряжение источника питания | Potencia requerida / Required<br>power / Puissance requise /<br>Benötigte Leistung / требуемая<br>мощность |
|-----------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| EFU6-65-62                                                      | CFU-13                                                         | (4x) GFU-7.5                                                | (4x) TRA-7.5                                                       | 480 V<br>3 ph<br>60 Hz                                                                                                      | 99 kVA                                                                                                     |
| EFU5-110-62                                                     |                                                                |                                                             |                                                                    |                                                                                                                             | 144 kVA                                                                                                    |
| EFU5L-110-62                                                    |                                                                |                                                             |                                                                    |                                                                                                                             | 144 kVA                                                                                                    |
| EFU6-132-62                                                     |                                                                |                                                             |                                                                    |                                                                                                                             | 166 kVA                                                                                                    |
| EFU6L-132-62                                                    |                                                                |                                                             |                                                                    |                                                                                                                             | 166 kVA                                                                                                    |

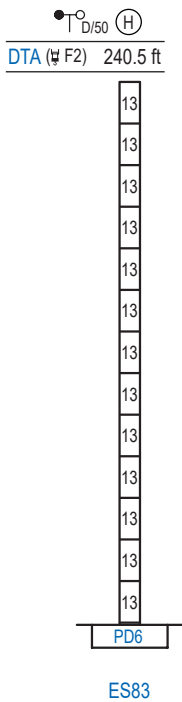
Optional /  
Optional /  
En option /  
Kaufoption /  
Опционально

\*

DTA H  $\frac{W}{F6} = \frac{W}{F2} - 1.6$  ft



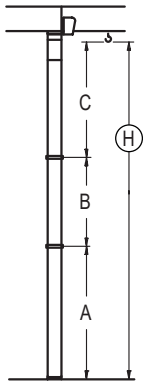
|                                                                                                                                                                          |    | G (kip)          |     | Z max (kip) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------|-----|-------------|
|                                                                                                                                                                          | ES | 10XA83<br>10XR83 | 220 | 379         |
|                                                                                                                                                                          | FS | 10XA83<br>10XR83 | 220 | 312         |
| ES En servicio / In operation / En service / In Betrieb / При работе<br>FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии |    |                  |     |             |



|                                                                                                                                                                          |    | R1 (kip) |        | R2 (kip) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|--------|----------|
|                                                                                                                                                                          | ES | ES84     | -1,005 | 700      |
|                                                                                                                                                                          | FS | ES84     | -1,417 | 1,123    |
| ES En servicio / In operation / En service / In Betrieb / При работе<br>FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии |    |          |        |          |

|  |  | nº | Ref. | Ø   | h    |
|--|--|----|------|-----|------|
|  |  | 13 | D36B | 8.2 | 18.0 |
|  |  |    |      |     |      |

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements où grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветреных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами



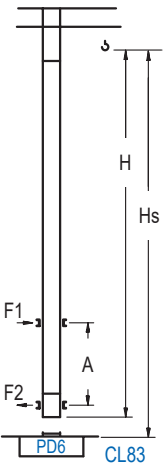
|                   |        |
|-------------------|--------|
| DTA (F2) (H) C/25 | 10XA83 |
| A max             | 151.6  |
| A min             | 133.5  |
| B max             | -      |
| B min             | 162.4  |
| C max             | 204.1  |
| H max             | 355.6  |

|                   |       |
|-------------------|-------|
| DTA (F2) (H) C/25 | ES83  |
| A max             | 198.8 |
| A min             | 126.6 |
| B max             | -     |
| B min             | 162.4 |
| C max             | 204.1 |
| H max             | 402.9 |

## GRÚA TREPADORA / INTERNAL CLIMBING CRANE

Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Кран с самоподъемом

Ø 8.2 ft



DTA H F6 = F2 - 1.6 ft

| DTA (F2) (H) C/25                         | Hs < 1,310 ft |            |
|-------------------------------------------|---------------|------------|
|                                           | A max (ft)    | A min (ft) |
| 198.5 ft<br>6x D36B + 4x D36A + CLD36A-28 | 71.9          | 29.5       |
| 180.4 ft<br>5x D36B + 4x D36A + CLD36A-28 | 62.7          | 26.2       |
| 162.4 ft<br>4x D36B + 4x D36A + CLD36A-28 | 53.8          | 26.2       |

| Ref.      | Ø (ft) | h (ft) |
|-----------|--------|--------|
| D36B      | 8.2    | 18.0   |
| D36A      | 8.2    | 18.0   |
| CLD36A-28 | 8.2    | 12.5   |

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements ou grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветреных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами