

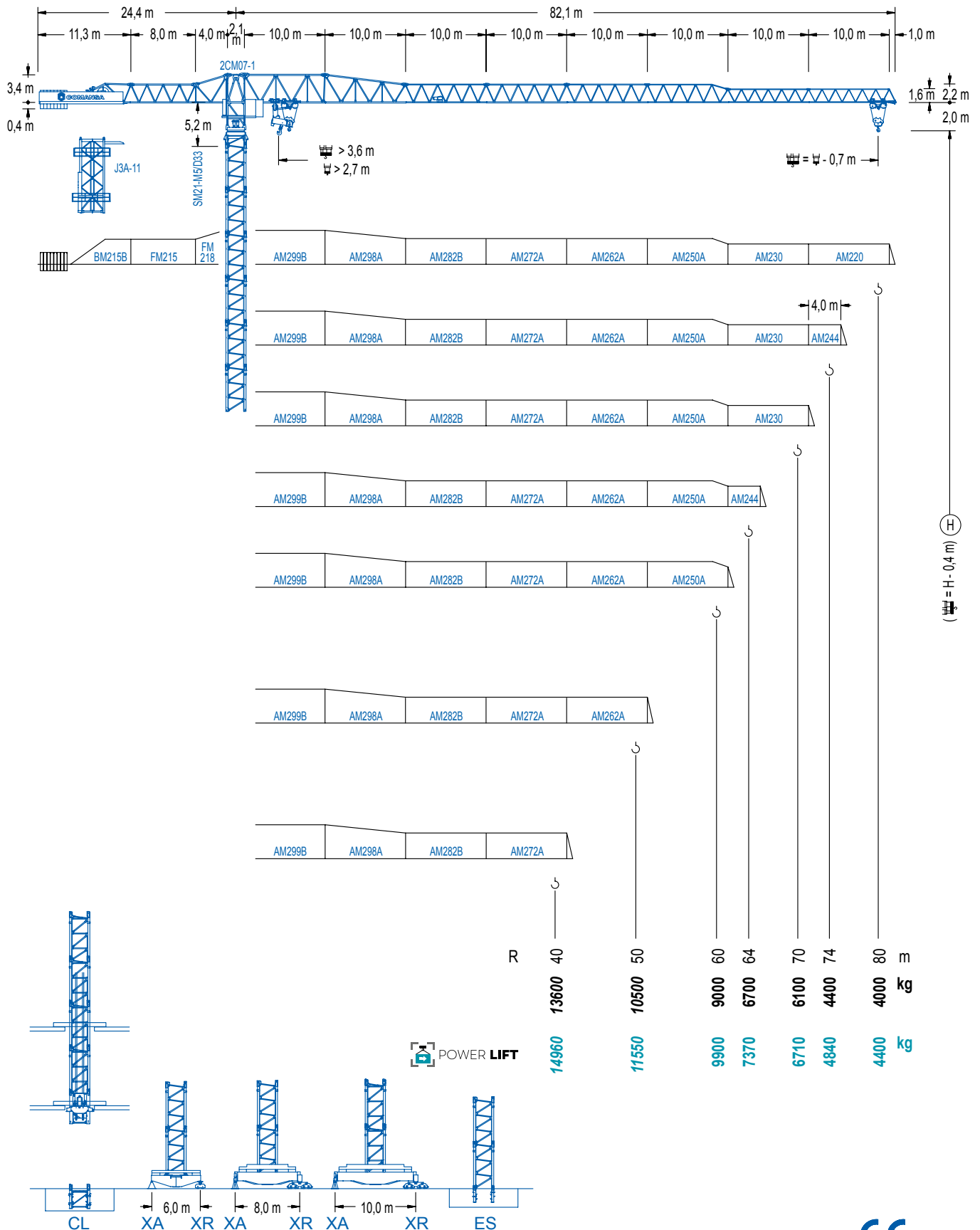


# COMANSA

## 2100 Series

## 21 LC 550

## 20 t



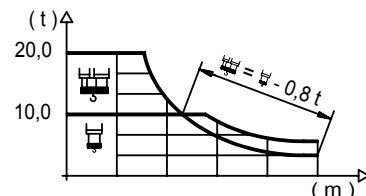
2100 Series

CE EN 14439

## DIAGRAMA DE CARGAS

Load chart / Diagramme de charges / Lastdiagramm / Diagramma di carico / Диаграмма распределения нагрузки

| R (m) |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|----|
| 80    | 18,0  | 20    | 23    | 25    | 28    | 30    | 32,9  | 35,3  | 38    | 40    | 45    | 50    | 55   | 60   | 64   | 70   | 74   | 80,0 | m  |
|       | 20000 | 17750 | 15140 | 13760 | 12070 | 11140 | 10000 | 10000 | 9230  | 8720  | 7660  | 6820  | 6130 | 5560 | 5170 | 4670 | 4380 | 4000 | kg |
| 74    | 18,1  | 20    | 23    | 25    | 28    | 30    | 33,1  | 35,6  | 38    | 40    | 45    | 50    | 55   | 60   | 64   | 70   | 74,0 | m    |    |
|       | 20000 | 17810 | 15190 | 13800 | 12110 | 11180 | 10000 | 10000 | 9270  | 8760  | 7700  | 6850  | 6160 | 5590 | 5190 | 4690 | 4400 | kg   |    |
| 70    |       |       | 22,6  | 25    | 28    | 30    | 33    | 35    | 38    | 41,4  | 44,6  | 50    | 55   | 60   | 64   | 70,0 | m    |      |    |
|       |       |       | 20000 | 17810 | 15680 | 14500 | 13010 | 12160 | 11060 | 10000 | 10000 | 8840  | 7960 | 7240 | 6740 | 6100 | kg   |      |    |
| 64    |       |       | 22,4  | 25    | 28    | 30    | 33    | 35    | 38    | 41,2  | 44,4  | 50    | 55   | 60   | 64,0 | m    |      |      |    |
|       |       |       | 20000 | 17690 | 15560 | 14390 | 12910 | 12070 | 10980 | 10000 | 10000 | 8790  | 7920 | 7200 | 6700 | kg   |      |      |    |
| 60    |       |       |       | 27,3  | 30    | 33    | 35    | 38    | 40    | 45    | 50,4  | 54,4  | 60,0 | m    |      |      |      |      |    |
|       |       |       |       | 20000 | 18010 | 16190 | 15160 | 13810 | 13030 | 11390 | 10000 | 10000 | 9000 | kg   |      |      |      |      |    |
| 50    |       |       |       | 27,9  | 30    | 33    | 35    | 38    | 40    | 45    | 49,3  | m     |      |      |      |      |      |      |    |
|       |       |       |       | 20000 | 18440 | 16580 | 15520 | 14150 | 13350 | 11680 | 10500 | kg    |      |      |      |      |      |      |    |
| 40    |       |       |       | 27,9  | 30    | 33    | 35    | 38    | 39,3  | m     |       |       |      |      |      |      |      |      |    |
|       |       |       |       | 20000 | 18440 | 16580 | 15520 | 14150 | 13600 | kg    |       |       |      |      |      |      |      |      |    |

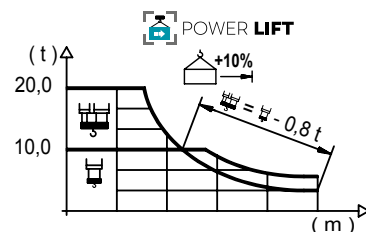


## DIAGRAMA DE CARGAS POWERLIFT

Load chart PowerLift / Diagramme de charges PowerLift / Lastdiagramm PowerLift / Diagramma di carico PowerLift / Диаграмма распределения нагрузки PowerLift

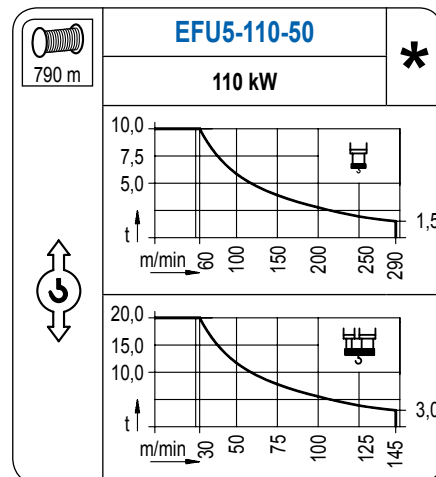
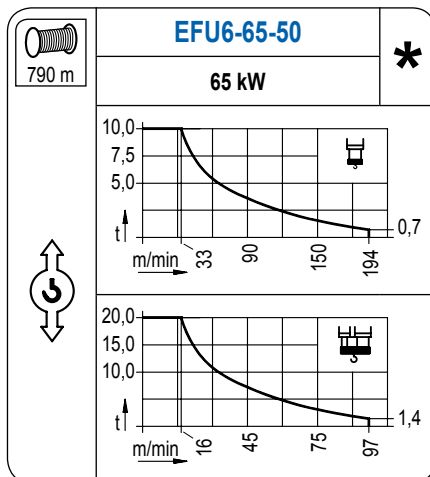
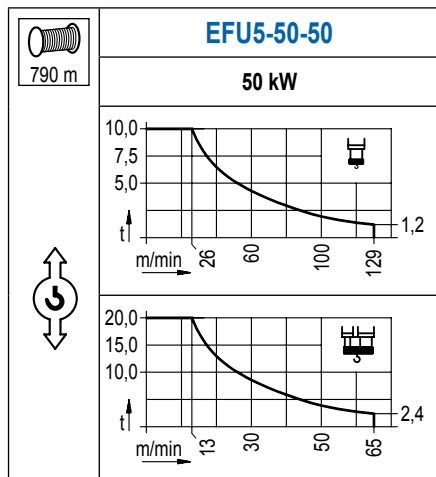
| R (m) |  |             |               |               |             |             |               |  |             |               |               |               |               |              |            |              |              |              |              |         |
|-------|-----------------------------------------------------------------------------------|-------------|---------------|---------------|-------------|-------------|---------------|-------------------------------------------------------------------------------------|-------------|---------------|---------------|---------------|---------------|--------------|------------|--------------|--------------|--------------|--------------|---------|
| 80    | 19,5<br>20000                                                                     | 22<br>17420 | 25<br>15060   | 28<br>13230   | 30<br>12220 | 33<br>10950 | 35,7<br>10000 | 38,3<br>10000                                                                       | 40<br>9540  | 45<br>8380    | 48<br>7810    | 50<br>7460    | 55<br>6720    | 58<br>6330   | 60<br>6100 | 64<br>5670   | 70<br>5120   | 74<br>4810   | 80,0<br>4400 | m<br>kg |
| 74    | 19,6<br>20000                                                                     | 22<br>17500 | 25<br>15130   | 28<br>13300   | 30<br>12280 | 33<br>11000 | 35,8<br>10000 | 38,5<br>10000                                                                       | 40<br>9590  | 45<br>8430    | 48<br>7850    | 50<br>7510    | 55<br>6760    | 58<br>6370   | 60<br>6130 | 64<br>5700   | 70<br>5160   | 74,0<br>4840 | m<br>kg      |         |
| 70    |                                                                                   |             | 24,5<br>20000 | 28<br>17220   | 30<br>15940 | 33<br>14310 | 35<br>13390   | 38<br>12190                                                                         | 40<br>11490 | 45,1<br>10000 | 48,6<br>10000 | 50<br>9700    | 55<br>8740    | 58<br>8250   | 60<br>7950 | 64<br>7410   | 70,0<br>6710 | m<br>kg      |              |         |
| 64    |                                                                                   |             | 24,4<br>20000 | 28<br>17110   | 30<br>15840 | 33<br>14220 | 35<br>13300   | 38<br>12110                                                                         | 40<br>11420 | 44,9<br>10000 | 48,4<br>10000 | 50<br>9650    | 55<br>8700    | 58<br>8210   | 60<br>7910 | 64,0<br>7370 | m<br>kg      |              |              |         |
| 60    |                                                                                   |             |               | 29,8<br>20000 | 33<br>17830 | 35<br>16700 | 38<br>15230   | 40<br>14380                                                                         | 45<br>12590 | 48<br>11700   | 50<br>11160   | 55,0<br>10000 | 59,4<br>10000 | 60,0<br>9900 | m<br>kg    |              |              |              |              |         |
| 50    |                                                                                   |             |               | 30,3<br>20000 | 33<br>18170 | 35<br>17020 | 38<br>15520   | 40<br>14650                                                                         | 45<br>12830 | 48<br>11920   | 49,3<br>11550 | m<br>kg       |               |              |            |              |              |              |              |         |
| 40    |                                                                                   |             |               | 30,3<br>20000 | 33<br>18210 | 35<br>17050 | 38<br>15560   | 39,3<br>14960                                                                       | m<br>kg     |               |               |               |               |              |            |              |              |              |              |         |

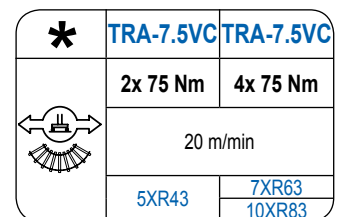
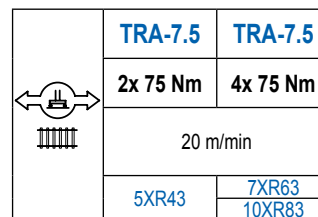
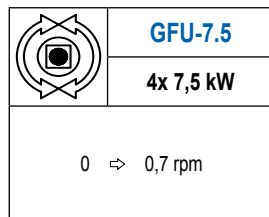
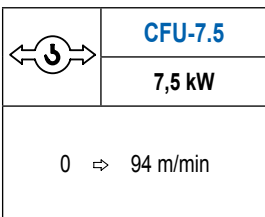
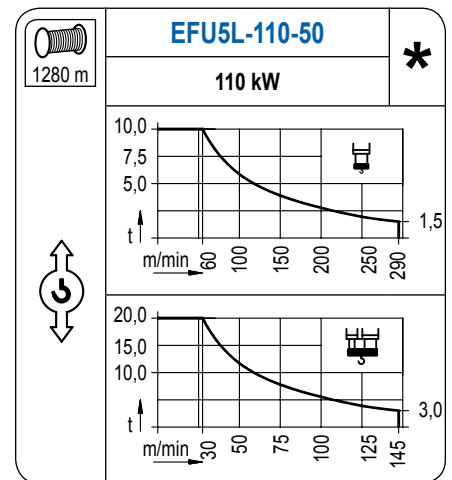
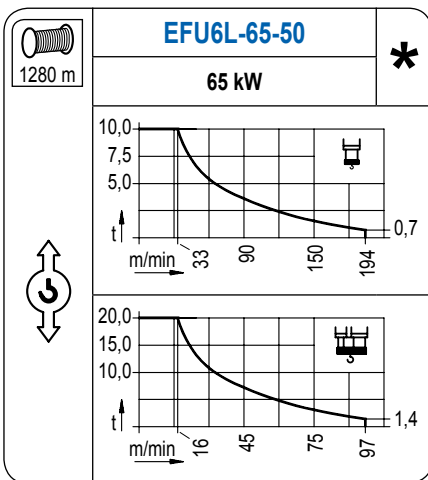
 POWER LIFT



## MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы





| POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ             |                                                                     |                                                                |                                                                         | Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания |         |
|--------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем) | Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка | Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот | Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход | Generador / Generator / Générateur / Generator / Generatore / Генератор                                                                        |         |
| EFU5-50-50                                                               | CFU-7.5                                                             | (4x) GFU-7.5                                                   | (2x) TRA-7.5<br>(4x) TRA-7.5                                            | 400 V<br>3ph<br>50 Hz                                                                                                                          | 170 kVA |
| EFU6-65-50                                                               |                                                                     |                                                                |                                                                         |                                                                                                                                                | 195 kVA |
| EFU6L-65-50                                                              |                                                                     |                                                                |                                                                         |                                                                                                                                                | 195 kVA |
| EFU5-110-50                                                              |                                                                     |                                                                |                                                                         |                                                                                                                                                | 260 kVA |
| EFU5L-110-50                                                             |                                                                     |                                                                |                                                                         |                                                                                                                                                | 260 kVA |

Optional /  
Optional / En  
option / Kaufoption  
/ Opzionale /  
Опционально

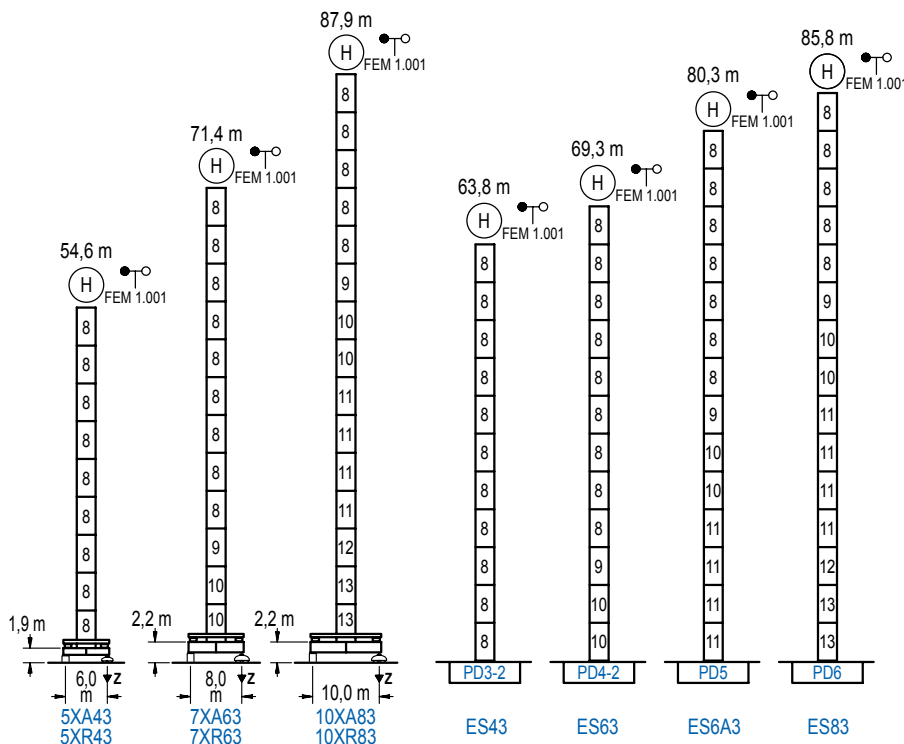
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## ALTURAS BAJO GANCHO

Heights under hook / Hauteurs sous crochet / Hakenhöhen / Altezza sotto gancio / Высота под крюком

Ø 2,5 m

### FEM 1.001



| n°               | Ref.  | h   | h   |
|------------------|-------|-----|-----|
| 8                | D33   | 2,5 | 5,5 |
| 9                | TD34  | 2,5 | 5,5 |
| 10               | D34   | 2,5 | 5,5 |
| 11               | D35   | 2,5 | 5,5 |
| 12               | TD36B | 2,5 | 5,5 |
| 13               | D36B  | 2,5 | 5,5 |
| 1x D33 = 1x D33M |       |     |     |

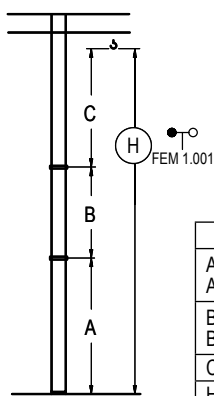
|        |                                                                                                                |                                                           |
|--------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Z max. | En servicio / In operation / En service / In Betrieb / In servizio / При работе                                | 5XR43..... 136 t<br>7XR63..... 125 t<br>10XR83..... 133 t |
|        | Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии | 5XR43..... 102 t<br>7XR63..... 141 t<br>10XR83..... 188 t |

Otras zonas de viento o alturas superiores consultar / Other wind zones or additional hook heights on request / Autres zones de vent ou des hauteurs supplémentaires sur demande / Andere Windzonen oder weitere Hakenhöhen auf Anfrage / Per zone con velocità del vento particolari o altezze superiori consultare il fabbricante / При других ветренных зонах о при большой высоте проконсультируйтесь с нами

## GRÚA ARRIOSTRADA

Braced crane / Grue à entretoisement / Abgespannter Kran / Gru ancorata / Нарастиваемый кран

### FEM 1.001



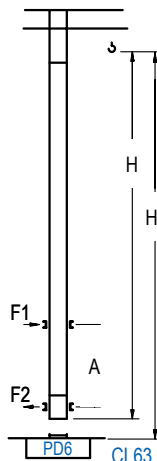
|       | 5XA43 | 7XA63 | 10XA83 |
|-------|-------|-------|--------|
| A max | 40,4  | 57,2  | 73,7   |
| A min | 23,9  | 24,2  | 62,7   |
| B max | -     | 33,0  | -      |
| B min | -     | 16,5  | -      |
| C max | 52,7  | 47,2  | 47,2   |
| H max | 93,1  | 120,6 | 104,4  |

|       | ES43 | ES63  | ES6A3 | ES83  |
|-------|------|-------|-------|-------|
| A max | 49,6 | 55,1  | 66,1  | 71,6  |
| A min | 22,1 | 22,1  | 44,1  | 60,6  |
| B max | -    | 33,0  | -     | 33,0  |
| B min | -    | 16,5  | -     | 16,5  |
| C max | 47,2 | 47,2  | 47,2  | 47,2  |
| H max | 96,8 | 129,8 | 102,3 | 135,3 |

## GRÚA TREPADORA

Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом

### FEM 1.001



|                                                  | Hs < 400 m |
|--------------------------------------------------|------------|
| A max (m)                                        | A min (m)  |
| 62,0 m<br>5x D33 + TD34<br>+ 4x D34A + CLD34A-24 | 21,9       |
| 56,5 m<br>4x D33 + TD34<br>+ 4x D34A + CLD34A-24 | 19,1       |
| 51,0 m<br>3x D33 + TD34<br>+ 4x D34A + CLD34A-24 | 16,4       |

| nº | Ref.      | h (m) |
|----|-----------|-------|
| 8  | D33       | 2,5   |
| 9  | TD34      | 2,5   |
| 20 | D34A      | 2,5   |
| 21 | CLD34A-24 | 2,5   |

1x D33 = 1x D33M

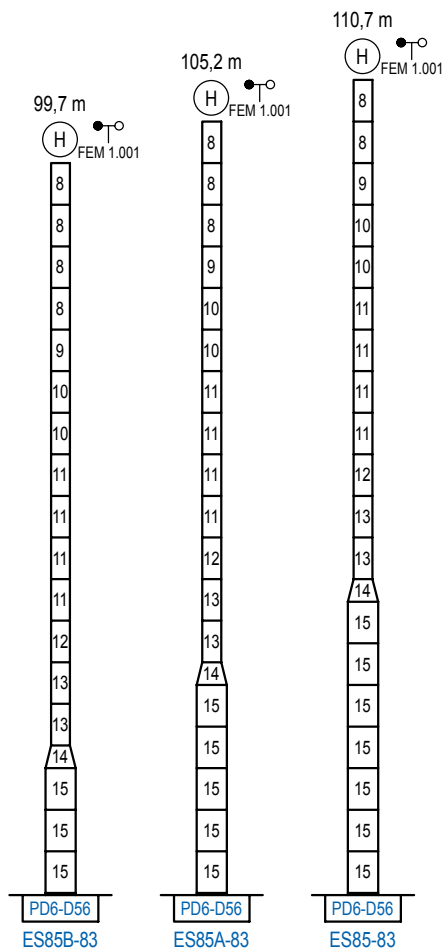
Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements ou grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / Per zone con velocità del vento particolari, altezze superiori, ancoraggi o rampante in cavedio, consultare il fabbricante / При других ветренных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

## ALTURAS ESPECIALES

Special heights / Spéciaux hauteurs / Extra Höhen / Conformazioni raccordate per altezze speciali / Для специальной высоты

Ø 4,0 m

### FEM 1.001



| nº | Ref.    | h (m) |
|----|---------|-------|
| 8  | D33     | 2,5   |
| 9  | TD34    | 2,5   |
| 10 | D34     | 2,5   |
| 11 | D35     | 2,5   |
| 12 | TD36B   | 2,5   |
| 13 | D36B    | 2,5   |
| 14 | TD56D36 | 4,0   |
| 15 | D56     | 4,0   |

1x D33 = 1x D33M

Otras zonas de viento o alturas superiores consultar / Other wind zones or additional hook heights on request / Autres zones de vent ou des hauteurs supplémentaires sur demande / Andere Windzonen oder weitere Hakenhöhen auf Anfrage / Per zone con velocità del vento particolari o altezze superiori consultare il fabbricante / При других ветренных зонах о при большой высоте проконсультируйтесь с нами