

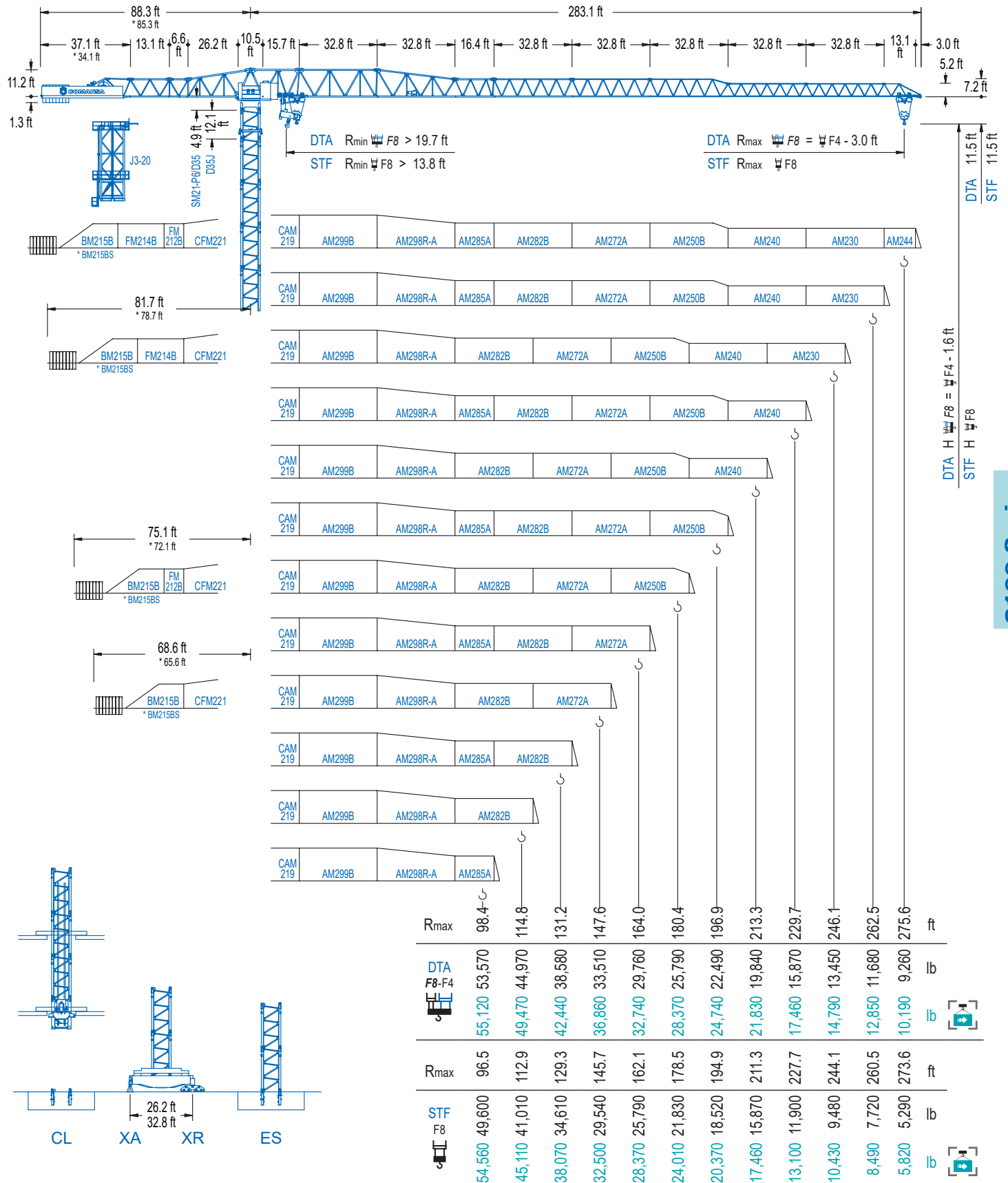


COMANSA

2100 Series

21LC660

110,230 lb



2100 Series

DTA Doble Carro Cambio Reenvios Automático / Double Trolley Automatic Reeving Change / Double chariot avec changement de mouflage automatique / Doppel Katze mit automatischer Umscheerung / Автоматическое переключение на сдвоенную каретку

STF Simple Carro Reenvio Fijo / Simple Trolley Fixed Reeving / Simple chariot sans changement de mouflage / Einfach Katze ohne Umscheerung / Одинарная каретка, без смены

CE EN 14439

DS.2221.04.IA

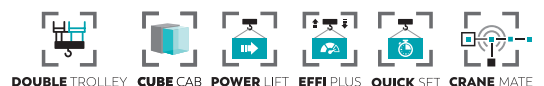


DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

DTA

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

R	110,230 lb F8	55,120 lb F4	32.8	49.2	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	275.6	↔ (ft) ↓ (lb)
275.6	33.8 35.8	58.7 64.3 62.3 68.6	110,230 68,560 110,230 74,180	53,840 55,120	41,580 44,840	33,640 36,330	28,060 30,360	23,940 25,950	20,790 22,530	18,280 19,840	16,230 17,660	14,530 15,830	13,100 14,310	11,880 13,010	10,820 11,860	9,920 10,890	9,260 10,190		
262.5	37.4 40.0	65.6 72.2 70.2 83.0	110,230 78,810 110,230 85,560	55,180 60,100	47,510 51,430	38,540 41,760	32,230 34,960	27,560 29,960	23,990 26,100	21,140 23,040	18,830 20,550	16,910 18,470	15,300 16,730	13,910 15,260	12,720 13,980	11,680 12,850			
246.1	39.0 41.7	68.6 75.1 73.5 80.7	110,230 82,720 110,230 89,990	58,030 63,340	49,780 53,990	40,390 43,870	33,820 36,770	28,950 31,530	25,200 27,470	22,240 24,270	19,820 21,670	17,810 19,510	16,140 17,680	14,680 16,140	13,450 14,790				
229.7	41.3 44.3	72.5 79.7 78.1 85.6	110,230 88,650 110,230 96,650	62,350 68,170	53,240 55,120	43,230 47,070	36,240 39,480	31,060 33,880	27,070 29,560	23,900 26,150	21,340 23,370	19,200 21,050	17,420 19,110	15,870 17,460					
213.3	45.3 48.9	80.4 88.3 86.9 95.1	110,230 99,960 110,230 109,220	70,590 77,340	55,120 59,060	48,680 53,110	40,850 44,620	35,080 38,360	30,620 33,530	27,090 29,700	24,230 26,590	21,850 24,010	19,840 21,830						
196.9	46.3 49.9	82.3 90.2 88.9 97.8	110,230 102,650 110,230 79,590	72,550 60,820	55,310 54,610	50,000 45,900	41,980 39,460	36,050 34,520	31,480 30,580	27,870 27,380	24,930 24,740	22,490							
18.4	47.6 51.5	84.6 92.8 91.5 100.7	110,230 105,950 110,230 82,320	74,960 62,990	57,190 55,120	51,630 47,490	43,360 40,850	37,260 35,740	32,560 31,680	28,840 28,370	25,790								
164.0	48.9 52.8	86.6 95.5 94.2 103.3	110,230 109,130 110,230 84,970	77,270 65,060	59,020 55,120	53,220 49,030	44,730 42,200	38,450 36,930	33,600 32,740	29,760									
147.6	48.6 52.5	86.3 95.1 93.8 103.3	110,230 108,660 110,230 84,660	76,940 64,840	58,750 55,120	53,090 48,960	44,600 42,130	38,340 36,860	33,510										
131.2	48.9 52.8	86.6 95.8 94.2 104.0	110,230 109,080 110,230 85,100	77,250 65,170	59,000 55,120	53,420 49,320	44,890 42,440	38,580											
114.8	48.9 52.8	86.6 95.8 94.2 104.3	110,230 108,950 110,230 85,080	77,140 65,170	58,910 55,120	53,510 49,470	44,970												
98.4	48.6 52.2	86.3 96.1 93.5 98.4	110,230 108,550 110,230 84,130	76,850 64,420	58,690 55,120	53,570													

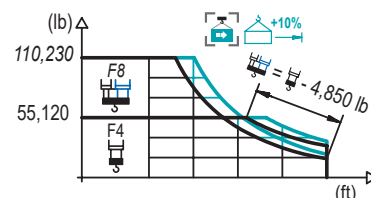


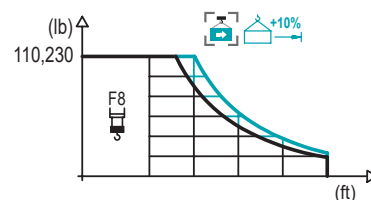
DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

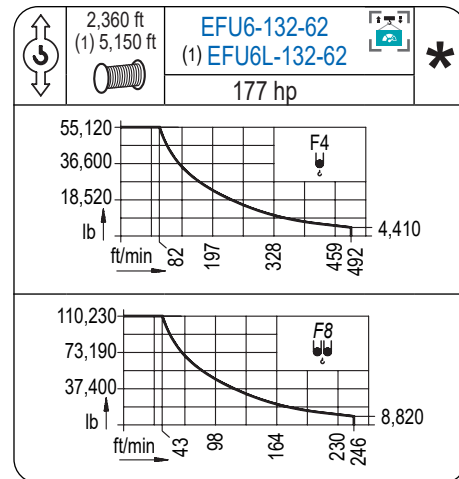
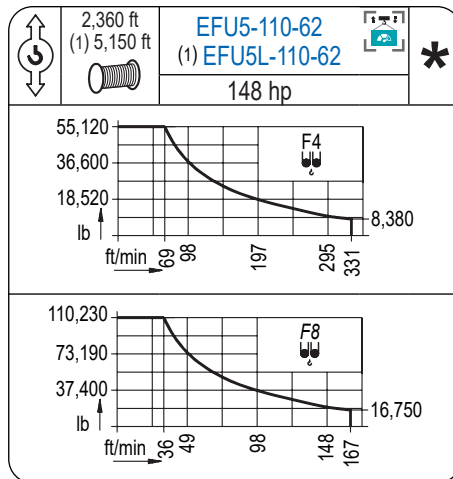
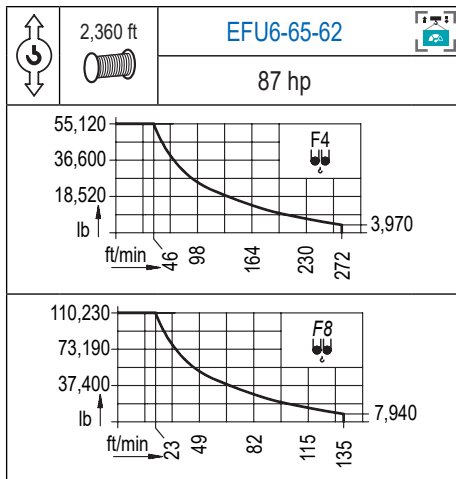
STF

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

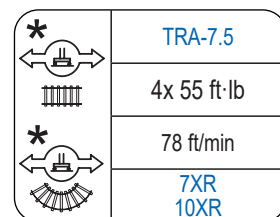
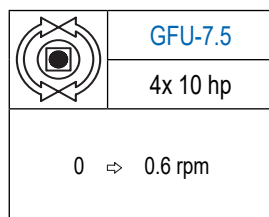
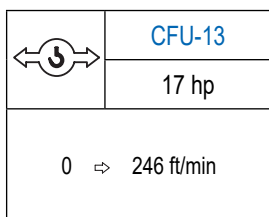
R	110,230 lb F8	32.8	49.2	65.6	82.0	96.5	112.9	129.3	145.7	162.1	178.5	194.9	211.3	227.7	244.1	260.5	273.6	↔ (ft) ↓ (lb)
273.6	33.1 34.4	110,230 67,880 110,230 71,100	47,550 49,910	35,910 37,760	29,120 30,690	23,630 24,930	19,580 20,720	16,470 17,480	14,020 14,930	12,040 12,850	10,380 11,130	8,990 9,700	7,830 8,470	6,810 7,410	5,930 6,480	5,290 5,820		
260.5	37.1 39.0	110,230 78,290 110,230 82,760	55,140 58,400	41,870 44,440	34,150 36,310	27,870 29,720	23,260 24,870	19,730 21,140	16,930 18,190	14,680 15,810	12,810 13,840	11,220 12,190	9,880 10,760	8,730 9,550	7,720 8,490			
244.1	38.7 40.7	110,230 82,360 110,230 87,520	58,110 61,860	44,220 47,160	36,110 38,600	29,540 31,660	24,710 26,540	21,010 22,620	18,080 19,530	15,720 17,020	13,760 14,950	12,100 13,210	10,690 11,710	9,480 10,430				
227.7	41.0 43.3	110,230 88,490 110,230 94,510	62,570 66,950	47,730 51,170	39,070 41,980	32,050 34,520	26,900 29,030	22,930 24,820	19,800 21,490	17,260 18,810	15,170 16,580	13,400 14,680	11,900 13,100					
211.3	45.3 48.2	110,230 100,020 110,230 107,450	70,990 76,390	54,340 58,600	44,640 48,210	36,770 39,820	31,000 33,620	26,540 28,880	23,040 25,130	20,190 22,090	17,860 19,580	15,870 17,460						
194.9	46.6 49.5	110,230 102,910 110,230 78,880	73,080 60,560	55,970 49,870	46,030 41,200	37,940 34,830	32,010 29,960	27,450 26,100	23,850 22,970	20,940 20,370	18,520							
178.5	48.2 51.2	110,230 106,420 110,230 81,900	75,640 62,920	58,000 51,850	47,710 42,900	39,370 36,310	33,250 31,240	28,550 27,250	24,850 24,010	21,830								
162.1	49.2 52.5	110,230 109,830 110,230 84,810	78,110 65,210	59,940 53,790	49,360 44,530	40,790 37,720	34,460 32,500	29,630 28,370	25,790									
145.7	48.9 52.5	110,230 109,570 110,230 84,790	77,930 65,210	59,810 53,790	49,230 44,530	40,670 37,720	34,370 32,500	29,540										
129.3	49.2 52.8	110,230 78,420 110,230 85,540	60,190 65,790	49,560 54,280	40,960 44,930	34,610 38,070												
112.9	49.2 53.1	110,230 78,530 110,230 85,830	60,270 66,010	49,630 54,480	41,010 45,110													
96.5	49.2 53.1	110,230 78,480 110,230 85,980	60,230 66,140	49,600 54,560														



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



(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 большей вместимостью кабеля

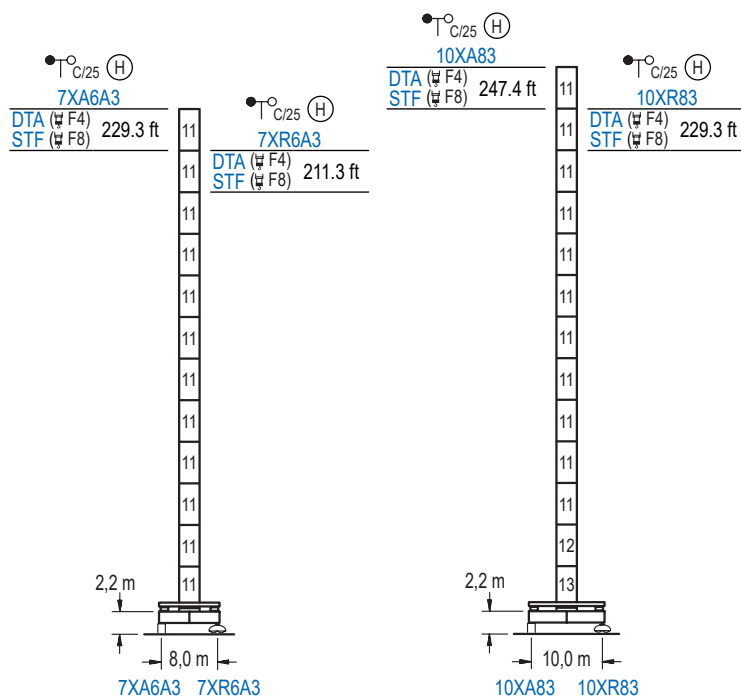


Elevación / Hoist / Levage / Hub / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / требуемая мощность
EFU6-65-62	CFU-13	(4x) GFU-7.5	(4x) TRA-7.5	480 V 3 ph 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 / Optionale / En option / Kaufoption / Опционально
*

ALTURAS BAJO GANCHO / HEIGHTS UNDER HOOK
Hauteurs sous crochet / Hakenhöhen / Высота под крюком

Ø 8.2 ft



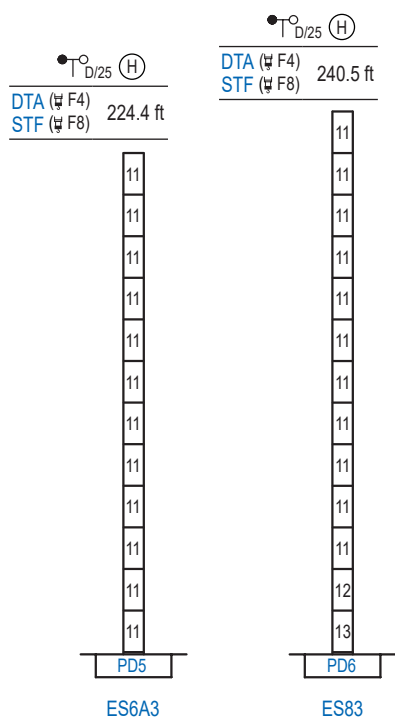
DTA	H	F8 = F4 - 1.6 ft
STF	H	F8

n°	Ref.	h	h
11	D35B	8.2	18.0
12	TD36B	8.2	18.0
13	D36B	8.2	18.0

	G (kip)	Z max (kip)
7XA6A3	247	371
7XR6A3	212	348
10XA83	220	359
10XR83	220	347
7XA6A3	247	364
7XR6A3	212	310
10XA83	220	363
10XR83	220	331

(ES) En servicio / In operation / En service / In Betrieb / При работе
 (FS) Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии

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 / При других ветренных зонах о при большой высоте проконсультируйтесь с нами



DTA	H	$\frac{1}{4}$ F8 = $\frac{1}{4}$ F4 - 1.6 ft
STF	H	$\frac{1}{4}$ F8

nº	Ref.	Ø	h
11	D35B	8.2	18.0
12	TD36B	8.2	18.0
13	D36B	8.2	18.0

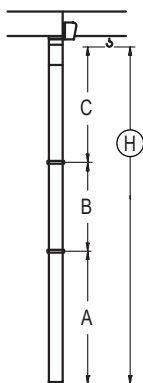
			R1 (kip)	R2 (kip)
	ES	ES6A3 ES83	-655 -690	447 471
	FS	ES6A3 ES83	-951 -1,116	793 886

ES En servicio / In operation / En service / In Betrieb / При работе
FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии

GRÚA ARRIOTRADA / BRACED CRANE

Grue à entretoisement / Abgespannter Kran / Нарастиваемый кран

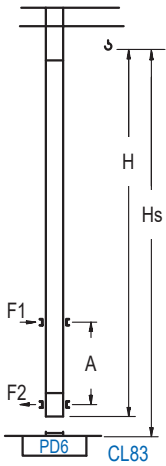
Ø 8.2 ft



DTA (F4) STF (F8)	(H)	C/25	7XA6A3	10XA83
A max			188.0	205.7
A min			79.4	97.4
B max			-	126.3
B min			-	54.1
C max			168.0	168.0
H max			355.6	482.0

DTA (F4) STF (F8)	(H)	C/25	ES6A3	ES83
A max			180.8	198.8
A min			72.5	90.6
B max			-	126.3
B min			-	54.1
C max			168.0	168.0
H max			348.8	475.1

Otras zonas de viento, alturas superiores o arriostramientos consultar / Other wind zones, additional hook heights or tie frames on request / Autres zones de vent, des hauteurs supplémentaires ou entretoisements, sur demande / Andere Windzonen, weitere Hakenhöhen oder Abspannungen zum Gebäude auf Anfrage / При других ветренных зонах, при большой высоте или привязках к зданию проконсультируйтесь с нами



DTA (F4) STF (F8) (H) C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
198.5 ft 5x D35 + TD36B + 4x D36A + CLD36A-28	71.9	26.2
180.4 ft 4x D35 + TD36B + 4x D36A + CLD36A-28	62.7	23.0
162.4 ft 3x D35 + TD36B + 4x D36A + CLD36A-28	53.8	19.7

DTA	H	W F8 = W F4 - 1.6 ft
STF	H	W F8

Ref.	Ø	h
D35	8.2	18.0
TD36B	8.2	18.0
D36A	8.2	18.0
CLD36A-28	8.2	12.5

Otras zonas de viento, alturas superiores, arriostamientos 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 ветренных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

