

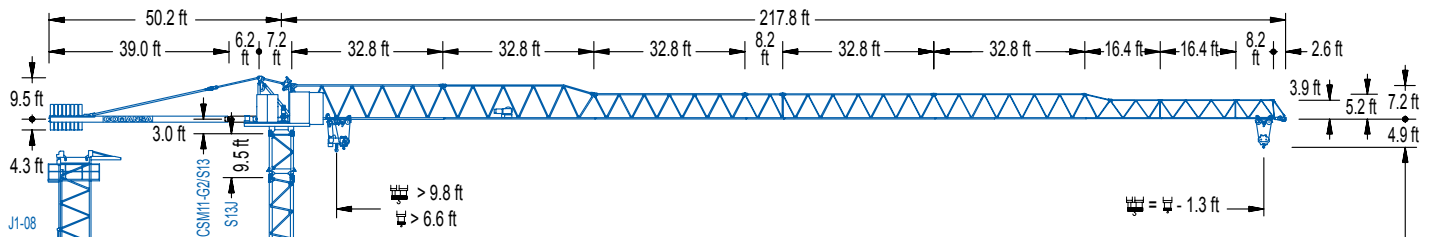


COMANSA

LC 1100

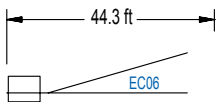
11 LC 160

17,640 lb



1100 Series

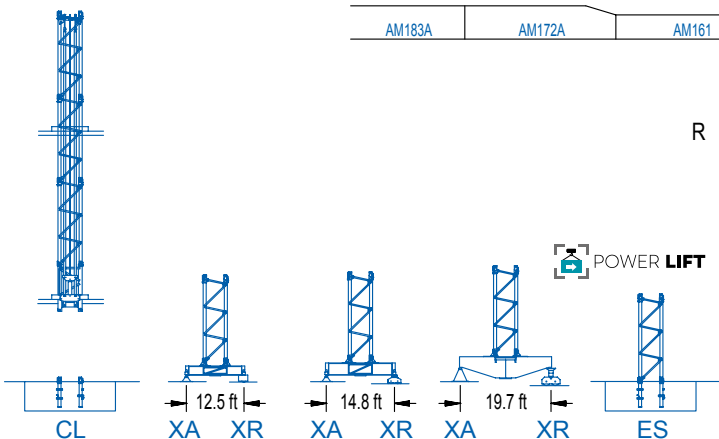
(H)
H = H - 0.7 ft



AM183A	AM172A	AM161	AM163	AM151	AM140	AM125	AM115	AM112
AM183A	AM172A	AM161	AM163	AM151	AM140	AM125	AM115	
AM183A	AM172A	AM161	AM151	AM140	AM125	AM115		
AM183A	AM172A	AM161	AM151	AM140	AM125	AM112		
AM183A	AM172A	AM161	AM151	AM140	AM125			
AM183A	AM172A	AM161	AM163	AM151	AM140			
AM183A	AM172A	AM161	AM163	AM151	AM145			
AM183A	AM172A	AM161	AM151	AM145				
AM183A	AM172A	AM161	AM163	AM151				
AM183A	AM172A	AM161	AM151					
AM183A	AM172A	AM161	AM163	AM145				
AM183A	AM172A	AM161	AM145					
AM183A	AM172A	AM161	AM163					
AM183A	AM172A	AM161						

R

12,370	11,240	98.4	106.6	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	205.1	213.3	ft
11,270	10,250	106.6	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	205.1	213.3	lb	
10,300	9,370	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	205.1	213.3	lb		



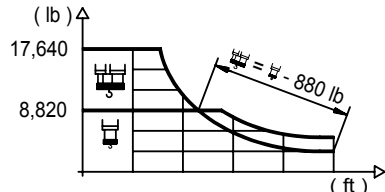
CE EN 14439
(C/25)

DIAGRAMA DE CARGAS

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

R (ft)																						
213.3	45.3 17,640	49.2 15,980	65.6 11,380	81.0 8,820	87.9 8,820	91.9 8,380	98.4 7,760	106.6 7,080	114.8 6,500	123.0 6,020	131.2 5,580	139.4 5,180	147.6 4,850	155.8 4,540	164.0 4,280	172.2 4,030	180.4 3,810	188.6 3,590	196.9 3,420	205.1 3,240	213.3 3,090	ft lb
205.1		49.5 17,640	65.6 12,610	75.5 10,690	88.3 8,820	96.1 8,820	98.4 8,580	106.6 7,850	114.8 7,210	123.0 6,660	131.2 6,190	139.4 5,780	147.6 5,400	155.8 5,070	164.0 4,760	172.2 4,500	180.4 4,250	188.6 4,030	196.9 3,840	205.1 3,640		ft lb
196.9			55.1 17,640	65.6 14,400	75.5 12,210	82.0 11,070	91.9 9,660	98.8 8,820	107.9 8,820	114.8 8,220	123.0 7,610	131.2 7,080	139.4 6,590	147.6 6,170	155.8 5,800	164.0 5,470	172.2 5,160	180.4 4,890	188.6 4,630	196.9 4,410		ft lb
188.6				57.1 17,640	65.6 14,990	75.5 12,740	82.0 11,550	91.9 10,080	98.4 8,820	102.4 8,820	111.9 8,580	114.8 7,940	123.0 7,390	131.2 6,880	139.4 6,460	147.6 6,060	155.8 5,710	164.0 5,400	172.2 5,110	180.4 4,850		ft lb
180.4					58.7 17,640	65.6 15,480	75.5 13,160	82.0 11,930	91.9 10,430	98.4 9,590	105.3 8,820	115.2 8,820	123.0 8,200	131.2 7,630	139.4 7,120	147.6 6,680	155.8 6,260	164.0 5,910	172.2 5,580	180.4 5,290		ft lb
172.2						57.7 17,640	65.6 15,260	75.5 12,960	82.0 11,750	91.9 10,270	98.4 9,200	104.3 8,820	113.8 8,750	114.8 8,090	123.0 7,520	131.2 7,030	139.4 6,590	147.6 6,190	155.8 5,840	164.0 5,510		ft lb
164.0							62.3 17,640	65.6 16,670	75.5 14,180	82.0 12,870	91.9 11,270	98.4 10,380	105.0 9,590	112.5 8,820	123.4 8,820	131.2 8,220	139.4 7,690	147.6 7,210	155.8 6,770	164.0 6,390		ft lb
155.8								62.0 17,640	65.6 16,510	75.5 14,070	82.0 12,760	91.9 11,160	98.4 10,270	105.0 9,500	111.5 8,820	122.4 8,820	131.2 8,160	139.4 7,630	147.6 7,140	155.8 6,720		ft lb
147.6									65.3 17,640	75.5 14,950	82.0 13,560	91.9 11,880	98.4 10,960	105.0 10,140	117.8 8,820	129.3 8,820	131.2 8,690	139.4 8,110	147.6 7,610			ft lb
139.4										65.6 17,640	75.5 15,010	82.0 13,620	91.9 11,930	98.4 11,000	105.0 10,190	118.1 8,820	129.9 8,820	131.2 8,730	139.4 8,160			ft lb
131.2											65.3 17,640	75.5 14,950	82.0 13,580	91.9 11,880	98.4 10,960	105.0 10,140	117.8 8,820	129.9 8,820	131.2 8,710			ft lb
123.0												65.3 17,640	75.5 14,950	82.0 13,580	91.9 11,900	98.4 10,960	105.0 10,140	117.8 8,820	123.0 8,820			ft lb
114.8													65.9 17,640	75.5 15,150	82.0 13,760	91.9 12,060	98.4 11,110	105.0 10,270	113.5 9,370			ft lb
106.6														65.9 17,640	75.5 15,150	82.0 13,760	91.9 12,040	98.4 11,110	105.3 10,250			ft lb
98.4															65.9 17,640	75.5 15,080	82.0 13,690	91.9 11,990	97.1 11,240			ft lb

(lb) ↑



17,640

8,820

Δ = 880 lb

(ft) →

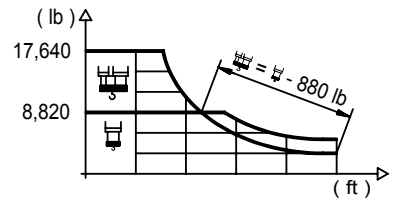
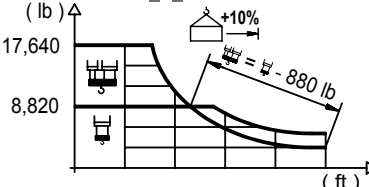


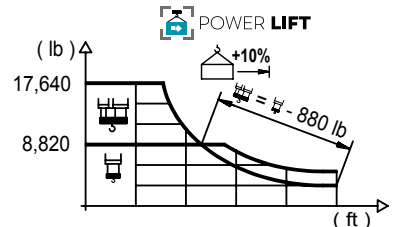
DIAGRAMA DE CARGAS POWERLIFT

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

R (ft)																						
213.3	47.6 17,640	59.1 13,710	65.6 12,130	75.5 10,250	85.3 8,820	94.5 8,820	98.4 8,440	106.6 7,720	114.8 7,080	123.0 6,550	131.2 6,080	139.4 5,670	147.6 5,290	155.8 4,980	164.0 4,670	172.2 4,410	180.4 4,170	188.6 3,950	196.9 3,750	205.1 3,570	213.3 3,400	ft lb
205.1	51.8 17,640	59.1 15,210	65.6 13,470	75.5 11,420	82.0 10,320	93.5 8,820	103.7 8,820	106.6 8,530	114.8 7,850	123.0 7,260	131.2 6,750	139.4 6,290	147.6 5,890	155.8 5,530	164.0 5,210	172.2 4,920	180.4 4,660	188.6 4,410	196.9 4,190	205.1 3,990	ft lb	
196.9	58.4 17,640	65.6 15,450	75.5 13,140	82.0 11,930	91.9 10,410	98.4 9,590	105.3 8,820	116.8 8,820	123.0 8,310	131.2 7,740	139.4 7,230	147.6 6,770	155.8 6,360	164.0 6,000	172.2 5,670	180.4 5,370	188.6 5,100	196.9 4,850	ft lb			
188.6	60.7 17,640	65.6 16,140	75.5 13,730	82.0 12,460	91.9 10,890	98.4 10,030	109.6 8,820	121.4 8,820	123.0 8,690	131.2 8,080	139.4 7,550	147.6 7,070	155.8 6,650	164.0 6,270	172.2 5,930	180.4 5,620	188.6 5,340	ft lb				
180.4	62.7 17,640	65.6 16,710	75.5 14,220	82.0 12,900	91.9 11,290	98.4 10,410	106.6 9,440	112.9 8,820	125.0 8,820	131.2 8,360	139.4 7,810	147.6 7,320	155.8 6,880	164.0 6,490	172.2 6,140	180.4 5,820	ft lb					
172.2	62.0 17,640	65.6 16,490	75.5 14,040	82.0 12,740	91.9 11,130	98.4 10,270	106.6 9,330	111.5 8,820	123.7 8,820	131.2 8,250	139.4 7,710	147.6 7,230	155.8 6,800	164.0 6,410	172.2 6,060	ft lb						
164.0	66.9 17,640	75.5 15,390	82.0 13,980	91.9 12,260	98.4 11,290	106.6 10,270	114.8 9,390	121.1 8,820	134.2 8,820	139.4 8,440	147.6 7,920	155.8 7,450	164.0 7,030	ft lb								
155.8	66.6 17,640	75.5 15,260	82.0 13,840	91.9 12,130	98.4 11,180	106.6 10,160	114.8 9,300	119.8 8,820	132.9 8,820	139.4 8,370	147.6 7,850	155.8 7,390	ft lb									
147.6	70.2 17,640	75.5 16,230	82.0 14,750	91.9 12,940	98.4 11,950	106.6 10,870	114.8 9,940	123.0 9,150	126.6 8,820	140.7 8,820	147.6 8,360	ft lb										
139.4	70.5 17,640	75.5 16,360	82.0 14,860	91.9 13,030	98.4 12,040	106.6 10,930	114.8 10,010	123.0 9,220	127.6 8,820	139.4 8,820	ft lb											
131.2	70.5 17,640	75.5 16,290	82.0 14,810	91.9 12,990	98.4 11,990	106.6 10,890	114.8 9,990	123.0 8,820	129.9 8,820	131.2 ft												
123.0	70.5 17,640	75.5 16,310	82.0 14,840	91.9 13,010	98.4 11,990	106.6 10,910	114.8 9,990	121.7 9,330	ft lb													
114.8	71.5 17,640	75.5 16,560	82.0 15,040	91.9 13,210	98.4 12,170	106.6 11,090	113.5 10,300	ft lb														
106.6	71.5 17,640	75.5 16,560	82.0 15,060	91.9 13,210	98.4 12,190	105.3 11,270	ft lb															
98.4	71.2 17,640	75.5 16,530	82.0 15,040	91.9 13,180	97.1 12,370	ft lb																

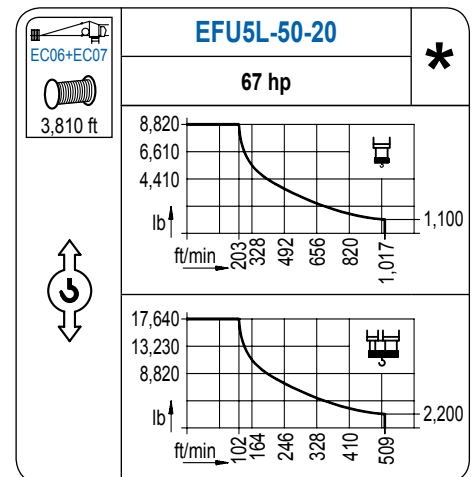
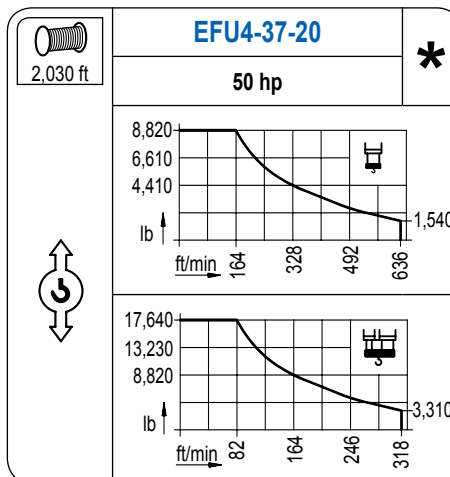
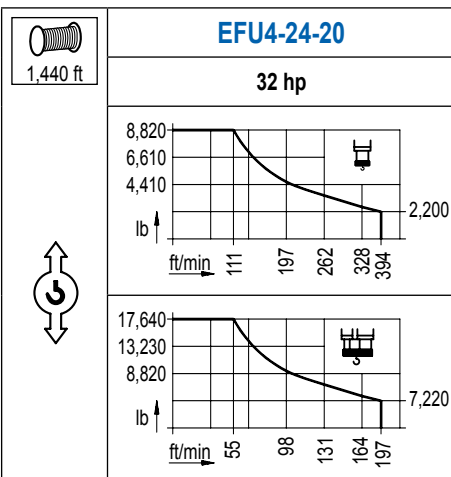
 **POWER LIFT**





MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CFU-4.0
	5.4 hp
0 ⇔ 295 ft/min	

	GFU-5.5
	2x 7.4 hp
0 ⇔ 0,7 rpm	

	TS2-5.5	TRA-7.5
	2x 40 ft·lb	2x 55 ft·lb
78 ft/min		
	1XR31 3XR51	5XR71

	TRA-7.5VC	*
	2x 55 ft·lb	
78 ft/min		
	5XR71	

POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания		Generador / Generator / Générateur / Generator / Generatore / Генератор	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход				
EFU4-24-20	CFU-4.0	(2x) GFU-5.5	(2x) TS2-5.5 (2x) TRA-7.5	480 V 3ph 60 Hz		75 kVA	
EFU4-37-20						105 kVA	
EFU5L-50-20						125 kVA	

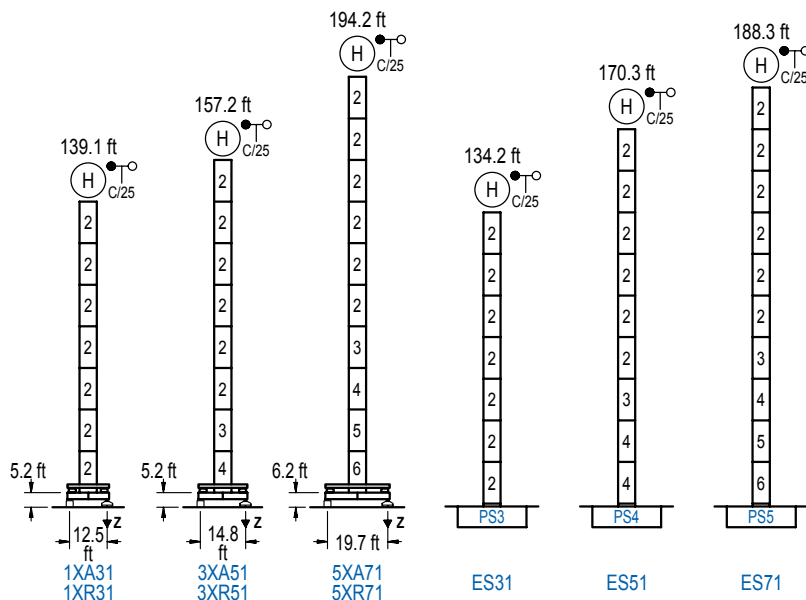
Opcional / Optional / En option / Kaufoption / Opzionale / Опционально
*

ALTURAS BAJO GANCHO

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

∅ 5.2 ft

1100 Series

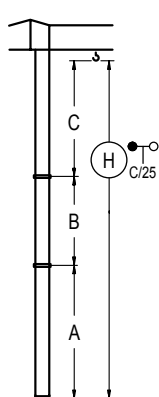


n°	Ref.	∅	h
2	S13	5.2	18.0
3	TS14	5.2	18.0
4	S14	5.2	18.0
5	TS15	5.2	18.0
6	S15	5.2	18.0
1x S13 = 1x S13M			
1x S15 = 1x S15M			

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	1XR31... 161 kip 3XR51... 157 kip 5XR71... 170 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	1XR31... 157 kip 3XR51... 172 kip 5XR71... 243 kip

GRÚA ARRIOSTRADA

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

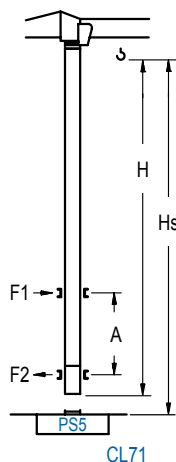


	1XA31	3XA51	5XA71
A max	95.5	113.5	150.6
A min	59.4	59.4	96.5
B max	72.8	72.8	72.8
B min	54.1	54.1	54.1
C max	115.8	115.8	115.8
H max	211.3	283.5	301.5

	ES31	ES51	ES71
A max	90.6	38.6	144.7
A min	54.5	72.5	90.6
B max	72.8	126.6	72.8
B min	54.1	54.1	54.1
C max	115.8	115.8	115.8
H max	206.4	278.5	314.6

GRÚA TREPADORA

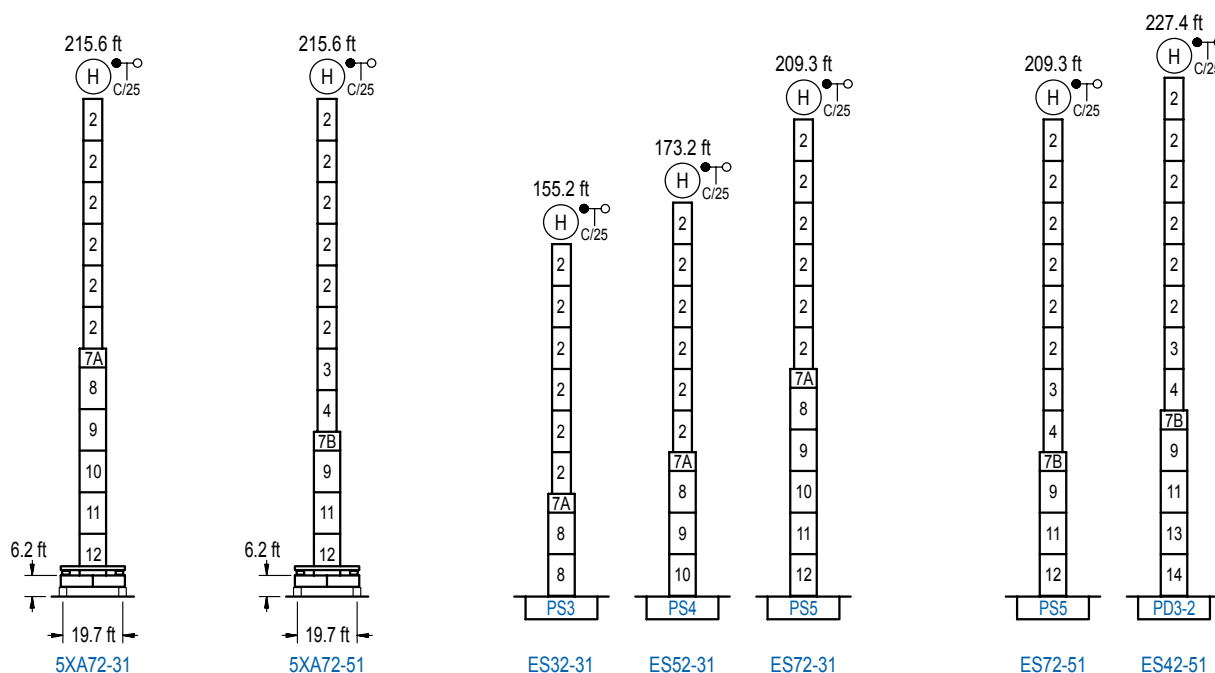
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	Hs < 1,310 ft	
	A max (ft)	A min (ft)
144.0 ft S13J + 5x S13 + TS14 + TS15 + CLS15-08	55.1	36.1
126.0 ft S13J + 4x S13 + TS14 + TS15 + CLS15-08	46.3	29.5
107.9 ft S13J + 3x S13 + TS14 + TS15 + CLS15-08	37.4	23.0

n°	Ref.	∅	h
2	S13	5.2	18.0
3	TS14	5.2	18.0
5	TS15	5.2	18.0
23	CLS15-08	5.2	10.2
1x S13 = 1x S13M			

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



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
2	S13	5.2	18.0	7A	TMS23/PMS3	6.6	3.3	11	TS25	6.6	18.0
3	TS14	5.2	18.0	7B	TMS23/PMS4	6.6	3.3	12	S25	6.6	18.0
4	S14	5.2	18.0	8	S23	6.6	18.0	13	TD23A	6.6	18.0
5	TS15	5.2	18.0	9	TS24	6.6	18.0	14	D23	6.6	18.0
6	S15	5.2	18.0	10	S24	6.6	18.0				
1x S13 = 1x S13M 1x S15 = 1x S15M								1x S25 = 1x S25M			

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