

N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de principa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 8	0.5 m Plı	eza de p umín	lumín		-		
21.8 22.0 24.0 26.0 28.0	78.0 77.9 76.4 74.9 73.4	134.7 134.6 134.2 133.6 133.0	7.6 7.6 7.4 7.1 6.9												
30.0 32.0 33.2 34.0	71.9 70.4 68.9	132.4 131.7 130.9	6.7 6.6	73.0 72.4	132.4 132.2	6.8 6.8									
36.0 38.0 40.0 42.0 44.0 46.0	67.3 65.7 64.2 62.6 60.9 59.3	130.1 129.2 128.3 127.2 126.1 125.0	6.3 6.1 6.0 5.9 5.8 5.6	70.9 69.4 67.8 66.3 64.7 63.1	131.5 130.7 129.9 129.1 128.1 127.1	6.7 6.5 6.3 6.2 6.0 5.9									
48.0 50.0 50.9 55.0 60.0	57.6 55.9 51.4 46.6	123.7 122.4 118.6 114.2	5.5 5.4 5.2 5.0	61.5 59.8 55.6 51.1	126.1 124.9 121.7 117.9	5.8 5.7 5.4 5.2	65.0 61.7 57.6	126.8 124.7 121.7	5.9 5.8 5.5						
65.0 70.0 71.7 75.0	41.4 35.6 28.8 20.0	108.9 102.5 94.4	4.8 4.7 4.3	46.3 41.1 35.2	113.4 108.1 101.6	5.0 4.9 4.7	53.2 48.6 43.6	118.2 114.0 109.1	5.3 5.1 5.0	55.0 52.1	116.3 113.8	5.1 5.1			
80.0 82.0 85.0 87.0 90.0	15.2	83.1 76.6	3.8	28.3 19.3 16.0	93.3 81.7 77.3	4.6 4.4 3.6	38.0 31.7 23.9	95.9 86.2	4.8	47.3 42.2 36.5	109.5 104.4 98.2	4.9			
94.0 95.0 100.0 103.0							15.2	74.6	4.7	29.9 22.7 16.2	90.4 81.3 72.6	4.4 3.8 3.4			



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 8	3.5 m Plı	eza de p umín	lumín				
22.4	78.0	137.6	6.8												
24.0	76.9	137.2	6.7												
26.0	75.5	136.7	6.5												
28.0	74.0	136.2	6.3												
30.0	72.6	135.6	6.1												
32.0	71.1	134.9	6.0												
34.0	69.7	134.1	5.8												
34.1				73.0	135.3	6.1									
36.0	68.2	133.4	5.7	71.6	134.7	6.0									
38.0	66.7	132.5	5.6	70.2	134.0	5.9									
40.0	65.2	131.6	5.4	68.7	133.2	5.7									
42.0	63.6	130.6	5.3	67.2	132.4	5.6									
44.0	62.1	129.6	5.2	65.7	131.5	5.5									
46.0	60.5	128.4	5.1	64.1	130.5	5.4									
48.0	58.9	127.3	5.0	62.6	129.5	5.3									
50.0	57.3	126.0	4.9	61.0	128.4	5.2									
52.2							65.0	129.5	5.3						
55.0	53.0	122.4	4.7	57.0	125.3	4.9	62.8	128.1	5.2						
60.0	48.6	118.3	4.5	52.7	121.7	4.7	58.9	125.2	5.0						
65.0	43.7	113.4	4.3	48.2	117.5	4.5	54.7	121.9	4.8						
70.0	38.4	107.5	4.1	43.4	112.6	4.3	50.4	118.0	4.6						
73.4										55.0	118.8	4.5			
75.0	32.4	100.4	3.9	38.1	106.6	4.2	45.7	113.4	4.4	53.7	117.6	4.5			
80.0	25.2	91.1	3.5	32.0	99.4	4.0	40.6	108.0	4.3	49.2	113.6	4.4			
85.0	16.5	79.3	2.9	24.6	89.9	3.9	34.9	101.4	4.2	44.5	108.8	4.3			
90.0				15.7	77.7	3.2	28.3	93.1	4.1	39.3	103.1	4.2			
95.0							19.7	81.6	4.0	33.4	96.2	4.1			
97.0							16.5	77.3	3.6						
100.0										27.3	88.5	3.5			
105.0										18.3	76.4	2.9			
106.0										15.9	73.0	2.8			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1] Posici	916-1) 8	6.5 m Plı	eza de p umín	lumín				
23.1	78.0	140.5	6.2												
24.0	77.4	140.3	6.2												
26.0	76.0	139.8	6.0												
28.0	74.6	139.3	5.8												
30.0	73.2	138.7	5.7												
32.0	71.8	138.1	5.5												
34.0	70.4	137.4	5.4												
35.0				73.0	138.2	5.5									
36.0	69.0	136.6	5.3	72.3	137.8	5.5									
38.0	67.5	135.8	5.1	70.9	137.1	5.4									
40.0	66.1	134.9	5.0	69.5	136.4	5.3									
42.0 44.0	64.6 63.1	134.0 133.0	4.9 4.8	68.0 66.6	135.6 134.8	5.2 5.0									
46.0	61.6	131.9	4.6	65.1	133.8	4.9									
48.0	60.1	130.8	4.6	63.6	132.9	4.8									
50.0	58.5	129.5	4.5	62.1	131.8	4.7									
53.5	30.5	123.5	7.5	02.1	101.0	4.7	65.0	132.2	4.8						
55.0	54.5	126.2	4.3	58.3	128.9	4.5	63.9	131.5	4.8						
60.0	50.3	122.2	4.1	54.2	125.5	4.3	60.1	128.7	4.6						
65.0	45.8	117.7	3.9	50.0	121.5	4.1	56.1	125.6	4.4						
70.0	40.9	112.3	3.7	45.5	116.9	3.9	52.0	121.9	4.2						
75.0	35.5	105.8	3.5	40.6	111.4	3.7	47.6	117.6	4.0						
75.2										55.0	121.2	4.0			
80.0	29.2	97.8	3.2	35.1	104.9	3.6	42.9	112.5	3.9	50.9	117.5	4.0			
85.0	21.3	86.9	3.0	28.7	96.7	3.4	37.7	106.5	3.7	46.5	113.0	3.9			
88.0	16.3	79.7	2.6												
90.0				20.6	85.6	3.3	31.8	99.2	3.6	41.7	107.8	3.8			
93.0				15.4	78.1	2.8									
95.0							24.7	89.7	3.5	36.3	101.5	3.7			
100.0							16.2	77.7	3.0	30.2	93.7	3.3			
105.0										23.6	84.9	2.8			
109.0	l .									15.6	73.4	2.4			



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		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı l Posici	916-1) 8	9.5 m Pl	eza de p umín	lumín		-		
						46.0 [11	Posici	on midia	11 (1916)	•				I	
23.7	78.0	143.5	5.5												
24.0	77.8	143.4	5.5												
26.0	76.5 75.1	142.9 142.4	5.3 5.2							ł					
28.0	73.8	142.4	5.2												
30.0	73.8	141.8	4.9												
32.0	71.1	141.2	4.9												
34.0	/1.1	140.5	4.7	73.0	141.0	4.8				ł					
35.8 36.0	69.7	139.8	4.6	73.0 72.9	141.0	4.8				ł					
38.0	68.3	139.0	4.5	72.9 71.5	141.0	4.8									
40.0	66.9	138.2	4.5	70.2	139.6	4.6									
42.0	65.5	137.3	4.4	68.8	138.8	4.7				i					
44.0	64.1	136.3	4.3	67.4	138.0	4.5				ł					
46.0	62.7	135.3	4.1	66.0	137.1	4.3				i					
48.0	61.2	134.2	4.0	64.6	136.2	4.2									
50.0	59.7	133.1	3.9	63.1	135.2	4.1									
54.7	00.7	100.1	0.0	00.1	100.2	7.1	65.0	134.9	4.1	i					
55.0	55.9	129.8	3.7	59.5	132.4	3.9	64.8	134.8	4.1	i					
60.0	51.9	126.1	3.5	55.6	129.2	3.7	61.2	132.2	3.9						
65.0	47.7	121.8	3.3	51.6	125.4	3.5	57.4	129.2	3.7	l					
70.0	43.1	116.8	3.1	47.4	121.1	3.3	53.5	125.7	3.6						
75.0	38.1	110.9	3.0	42.8	116.0	3.2	49.4	121.6	3.4						
76.9										55.0	123.7	3.4			
80.0	32.5	103.7	2.8	37.8	110.0	3.0	45.0	116.9	3.3	52.5	121.4	3.4			
85.0	25.8	94.5	2.6	32.1	102.7	2.9	40.2	111.4	3.2	48.3	117.2	3.2			
90.0	16.8	81.4	2.4	25.3	93.4	2.8	34.8	104.7	3.0	43.8	112.2	3.1			
91.0	16.0	80.1	2.1												
95.0				16.1	79.8	2.6	28.7	96.5	2.9	38.9	106.5	3.1			
96.0				15.1	78.5	2.2									
100.0							20.9	85.4	2.8	33.4	99.5	3.0			
103.0							16.0	78.1	2.4						
105.0										27.8	91.9	2.5			
110.0										19.7	80.3	2.0			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 9	2.5 m Pl	eza de p umín	lumín		-		
24.3	78.0	146.4	4.9												
26.0	76.9	146.0	4.8												
28.0	75.6	145.5	4.6												
30.0	74.3	145.0	4.5												
32.0	73.0	144.4	4.4												
34.0	71.7	143.7	4.2												
36.0	70.4	143.0	4.1												
36.7				73.0	143.9	4.3									
38.0	69.1	142.3	4.0	72.2	143.5	4.3									
40.0	67.7	141.4	3.9	70.9	142.8	4.1									
42.0	66.4	140.6	3.8	69.5	142.1	4.0									
44.0	65.0	139.7	3.6	68.2	141.3	3.9									
46.0	63.6	138.7	3.5	66.8	140.4	3.8									
48.0	62.2	137.6	3.5	65.5	139.5	3.7									
50.0	60.8	136.5	3.4	64.1	138.6	3.6									
55.0	57.2	133.5	3.2	60.6	135.9	3.4									
56.0							65.0	137.6	3.5						
60.0	53.4	129.9	3.0	56.9	132.8	3.2	62.2	135.6	3.4						
65.0	49.3	125.9	2.8	53.1	129.2	3.0	58.6	132.7	3.2						
70.0	45.1	121.2	2.7	49.1	125.1	2.9	54.9	129.4	3.1						
75.0	40.5	115.7	2.5	44.8	120.4	2.7	51.0	125.6	2.9						
78.6										55.0	126.2	2.9			
80.0	35.4	109.1	2.4	40.1	114.8	2.6	46.8	121.1	2.8	53.9	125.1	2.9			
85.0				35.0	108.2	2.5	42.4	116.0	2.7	50.0	121.2	2.8			
90.0				29.1	100.1	2.3	37.5	109.9	2.6	45.7	116.5	2.7			
95.0							31.9	102.5	2.5	41.2	111.2	2.6			
100.0							25.4	93.2	2.3	36.1	104.8	2.5			
105.0										30.4	97.1	2.3			
108.0										27.3	92.6	2.1			



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				53.0 ı		eza de p	il, Punto llumín (19 n] Posici	916-1) 9	5.5 m Pli	eza de p umín	lumín				
24.9	78.0	149.3	4.5												
26.0	77.3	149.1	4.5												
28.0	76.1	148.6	4.3												
30.0	74.8	148.1	4.2												
32.0	73.6	147.5	4.1												
34.0	72.3	146.9	3.9												
36.0	71.1	146.2	3.8												
37.6				73.0	146.8	3.9									
38.0	69.8	145.5	3.7	72.7	146.6	3.9									
40.0	68.5	144.7	3.6	71.5	146.0	3.8									
42.0	67.2	143.9	3.5	70.2	145.3	3.7									
44.0	65.9	143.0	3.4	68.9	144.5	3.6									
46.0	64.5	142.0	3.3	67.6	143.7	3.6							•		
48.0	63.2	141.0	3.2	66.3	142.8	3.4									
50.0	61.8	140.0	3.2	65.0	141.9	3.3									
55.0	58.3	137.0	2.9	61.6	139.3	3.2									
57.3							65.0	140.4	3.2						
60.0	54.7	133.7	2.7	58.1	136.4	2.9	63.2	139.0	3.2				•		
65.0	50.9	129.8	2.5	54.4	133.0	2.7	59.7	136.2	3.0						
70.0				50.6	129.1	2.5	56.2	133.1	2.8						
75.0				46.6	124.6	2.3	52.4	129.4	2.6						
80.0							48.5	125.2	2.4						
80.3										55.0	128.6	2.6			
85.0										51.5	125.1	2.5			
90.0										47.5	120.7	2.3			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 3	8.5 m Pl		lumín				
13.1	78.0	96.6	45.8												
14.0	76.7	96.4	45.7												
16.0	73.6	95.8	39.9												
18.0	70.4	95.1	34.5												
20.0	67.2	94.3	30.3												
21.3				73.0	95.2	38.6									
22.0	63.9	93.4	26.6	71.9	95.0	38.4									
24.0	60.5	92.3	24.0	68.7	94.2	35.7									
26.0	57.0	91.0	21.8	65.4	93.4	32.4									
28.0	53.4	89.6	20.0	62.1	92.3	29.5									
30.0	49.5	88.0	18.6	58.7	91.2	27.0									
32.0	45.4	86.1	17.4	55.1	89.8	24.7									
34.0	41.0	83.9	16.2	51.3	88.3	22.9	65.0	91.6	24.6						
36.0	36.1	81.3	15.3	47.3	86.5	21.2	61.7	90.6	23.8						
38.0	30.6	78.2	14.5	43.1	84.5	19.7	58.2	89.4	22.5						
40.0	23.9	74.1	13.8	38.4	82.1	18.4	54.6	88.0	21.2						
42.0 44.0	16.4	69.4	10.2	33.3 27.2	79.2 75.7	17.3 16.3	50.8 46.8	86.4 84.6	20.2 19.3				ł		
44.0 46.0				27.2 19.4	75.7 70.8	15.3	46.8 42.5	84.6 82.6	19.3						
47.0				16.0	68.6	10.7	42.5	02.0	10.4						
48.0				10.0	00.0	10.7	37.8	80.1	17.6						
48.9							37.0	00.1	17.0	55.0	84.6	14.4	i		
50.0							32.5	77.2	17.0	53.0	83.9	15.3			
54.0							18.2	68.4	15.7	33.2	00.0	10.0			
55.0							10.2	00. -	10.7	43.0	79.3	13.8			
60.0										30.3	72.4	12.4			
64.0										15.8	63.4	10.7			
74.0													35.0	63.5	3.8
75.0													34.0	62.9	3.7
80.0													15.5	51.6	2.9



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	al, Punto dumín (2 n] Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín				
13.7	78.0	99.5	42.5												
14.0	77.6	99.5	42.5												
16.0	74.8	98.9	38.6												
18.0	71.9	98.3	33.7												
20.0	68.9	97.6	30.0												
22.0	65.9	96.7	26.2												
22.2				73.0	98.1	35.9									
24.0	62.9	95.7	23.3	70.3	97.5	34.6									
26.0	59.7	94.6	21.3	67.3	96.7	32.4									
28.0	56.4	93.3	19.6	64.3	95.7	29.2									
30.0	53.0	91.9	18.1	61.2	94.7	27.0									
32.0	49.4	90.2	17.0	57.9	93.5	24.6									
34.0	45.6	88.3	15.9	54.6	92.1	22.6	05.0	94.3	22.7						
35.2 36.0	41.6	86.2	14.9	51.1	90.5	21.0	65.0 63.9	94.3	23.2						
38.0	37.1	83.7	14.9	47.4	88.8	19.5	60.8	92.9	22.0						
40.0	32.2	80.7	13.3	43.5	86.7	18.2	57.5	91.7	20.9						
42.0	26.4	77.0	12.7	39.2	84.4	17.0	54.1	90.3	19.8						
44.0	19.0	72.0	12.0	34.5	81.7	16.0	50.6	88.7	18.9				i		
45.0	15.7	69.8	9.4	01.0	0	10.0	00.0	00	10.0						
46.0		****	•	29.2	78.3	15.1	46.9	86.9	18.1						
48.0				22.7	74.1	14.2	42.9	84.8	17.2						
50.0		İ		15.3	69.0	10.3	38.6	82.4	16.5			İ	İ		
50.6										55.0	87.1	13.7			
55.0							25.3	74.2	15.1	47.3	83.6	13.5			
57.0							17.4	68.9	14.4						
60.0										36.9	77.9	12.0			
65.0										22.6	68.9	10.5			
67.0										15.2	63.8	9.8			
76.5													35.0	65.2	2.9
80.0													27.0	60.2	2.5
82.0													19.8	55.4	2.2



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 4	4.5 m Pl	eza de p umín	lumín				
14.4	78.0	102.5	39.6												
16.0	75.8	102.1	37.9												
18.0	73.2	101.5	33.3												
20.0	70.4	100.8	29.0												
22.0	67.7	100.0	25.9												
23.0				73.0	101.0	33.4									
24.0	64.8	99.1	23.0	71.7	100.7	33.1									
26.0	61.9	98.1	20.8	69.0	99.9	31.3									
28.0	59.0	96.9	19.2	66.1	99.1	29.2									
30.0	55.9	95.6	17.8	63.3	98.1	26.6									
32.0	52.7	94.1	16.6	60.3	97.0	24.6									
34.0	49.3	92.4	15.7	57.3	95.7	22.5									
36.0	45.8	90.6	14.7	54.2	94.3	20.8									
36.5							65.0	97.0	22.0						
38.0	42.0	88.4	13.8	50.9	92.8	19.5	62.9	96.3	21.7						
40.0	38.0	86.0	13.0	47.5	91.0	18.2	60.0	95.2	20.5						
42.0	33.5	83.1	12.4	43.8	89.0	16.9	56.9	93.9	19.5						
44.0	28.4	79.7	11.8	39.9	86.7	15.9	53.8	92.5	18.5						
46.0	22.2 15.2	75.3	11.2	35.6 30.8	84.0 80.9	14.9	50.5 47.0	90.9 89.1	17.7						
48.0 50.0	15.2	70.2	8.6	25.2	77.0	14.2 13.4	43.3	87.1	17.0 16.2						
50.0 52.0				18.0	71.8	12.6	43.3	07.1	10.2						
52.0 52.3				16.0	/1.0	12.0				55.0	89.6	12.9			
52.3 55.0							32.7	80.5	14.7	50.8	87.6	13.1			
60.0							16.8	69.3	13.4	41.8	82.7	11.9			
65.0							10.0	08.0	13.4	30.8	75.7	10.3			
69.0										16.5	65.5	9.2			
79.0										10.5	00.0	9.2	35.0	66.9	2.4
80.0										Ī			33.9	66.2	2.3
82.0													28.9	62.9	2.1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	lumín (2	de carga 316-1) 4 ón midfa	7.5 m Pl	eza de p umín	lumín				
15.0	78.0	105.4	36.7												
16.0	76.8	105.2	36.7												
18.0	74.3	104.6	32.3												
20.0	71.7	104.0	28.3												
22.0	69.1	103.2	25.2												
23.9				73.0	103.8	31.1									
24.0	66.5	102.4	22.5	72.9	103.8	31.1									
26.0	63.9	101.4	20.3	70.3	103.1	30.1									
28.0	61.1	100.4	18.7	67.7	102.3	28.7									
30.0	58.3	99.2	17.3	65.1	101.4	26.3									
32.0	55.4	97.8	16.1	62.4	100.4	24.2									
34.0	52.4 49.3	96.3 94.7	15.1 14.2	59.6 56.8	99.3 98.0	22.4									
36.0 37.8	49.3	94.7	14.2	50.8	98.0	20.6	65.0	99.8	20.7						
38.0	45.9	92.8	13.4	53.8	96.6	19.1	64.8	99.7	20.7						
40.0	42.4	90.7	12.6	50.7	95.0	17.9	62.0	98.6	20.1						
42.0	38.7	88.3	11.9	47.5	93.2	16.7	59.3	97.5	19.0						
44.0	34.6	85.5	11.3	44.1	91.2	15.6	56.4	96.2	18.1						
46.0	30.0	82.3	10.8	40.5	89.0	14.6	53.4	94.8	17.2				i		
48.0	24.6	78.3	10.3	36.5	86.4	13.8	50.3	93.1	16.5						
50.0	17.7	73.0	9.7	32.2	83.4	13.1	47.1	91.3	15.8						
54.1										55.0	92.0	12.1			
55.0				17.4	72.2	11.3	38.0	85.8	14.2	53.8	91.4	12.8			
60.0							26.5	77.6	13.0	45.8	87.1	11.4			
63.0							16.3	69.7	12.3						
65.0										36.0	80.9	9.9			
70.0										25.3	73.2	8.7			
72.0										18.6	68.1	8.2			



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		gulo de orincipal			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	lumín (2	316-1) 5	0.5 m Pl	eza de p umín	lumín				
						28.0 [m	ı] Posici	ón midfa	II (2316)						
15.6	78.0	108.3	34.3												
16.0	77.6	108.2	34.3												
18.0	75.2	107.7	31.6										<u> </u>		
20.0	72.8	107.1	27.9												
22.0	70.4	106.4	24.5												
24.0	68.0	105.7	22.1												
24.8				73.0	106.7	29.1									
26.0	65.5	104.8	20.0	71.6	106.3	28.8									
28.0	63.0	103.8	18.3	69.1	105.6	27.6									
30.0	60.4	102.7	17.0	66.7	104.7	26.2									
32.0	57.7 55.0	101.5 100.1	15.8 14.8	64.2 61.6	103.8 102.7	23.9 22.3									
34.0 36.0	55.0	98.6	14.8	59.0	102.7	22.3									
38.0	49.2	96.9	13.1	56.3	101.8	19.0									
39.0	43.2	30.3	15.1	30.3	100.5	13.0	65.0	102.5	19.1						
40.0	46.1	95.0	12.4	53.5	98.8	17.6	63.8	102.0	19.4						
42.0	42.8	93.0	11.6	50.6	97.2	16.6	61.3	101.0	18.7						
44.0	39.3	90.6	11.0	47.5	95.5	15.5	58.6	99.8	17.7						
46.0	35.5	87.9	10.4	44.3	93.5	14.5	55.9	98.5	16.9			İ	İ		
48.0	31.3	84.8	10.0	41.0	91.3	13.6	53.1	97.0	16.1						
50.0	26.5	81.1	9.5	37.3	88.8	12.9	50.2	95.4	15.5						
53.0	17.1	73.4	8.8												
55.0				26.4	80.5	11.2	42.2	90.5	13.9						
55.8										55.0	94.5	11.3			
58.0				16.8	72.7	10.3									
60.0							32.8	83.8	12.7	49.0	91.2	11.2			
65.0							19.6	73.4	11.6	40.9	86.1	9.7			
66.0							15.7	70.1	11.3	04.0	70.0	0.4			
70.0										31.8	79.6	8.4			
75.0										18.0	68.5	7.2			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 5	3.5 m Pli	eza de p umín	lumín				
16.2	78.0	111.3	31.8												
18.0	76.1	110.8	31.0												
20.0	73.8	110.3	27.4												
22.0	71.6	109.6	24.1												
24.0	69.3	108.9	21.5												
25.7				73.0	109.6	27.5									
26.0	67.0	108.1	19.6	72.6	109.5	27.4									
28.0	64.6	107.1	18.0	70.4	108.8	26.7									
30.0	62.2	106.1	16.7	68.1	108.0	25.6									
32.0	59.8	105.0	15.6	65.7	107.1	23.9									
34.0	57.2	103.7	14.5	63.3	106.1	22.0									
36.0	54.6	102.3	13.6	60.9	105.1	20.6									
38.0	51.9	100.8	12.8	58.4	103.9	19.0									
40.0	49.1	99.1	12.1	55.8	102.5	17.5									
40.3							65.0	105.2	18.0						
42.0	46.2	97.3	11.4	53.2	101.1	16.3	63.0	104.4	18.3						
44.0	43.1	95.2	10.7	50.4	99.5	15.4	60.6	103.3	17.4						
46.0 48.0	39.9 36.3	92.9 90.3	10.1 9.6	47.6 44.6	97.7 95.7	14.4 13.5	58.1 55.5	102.1 100.7	16.7 15.8						
	30.3	90.3 87.3	9.6	44.6 41.4	95.7 93.5	13.5	55.5 52.8	99.2	15.8						
50.0 55.0	20.1	76.9	9.2 8.1	32.3	93.5 86.7	11.0	52.8 45.7	99.2	13.6						
56.0 56.0	16.6	76.9	7.9	32.3	86.7	11.0	45.7	94.9	13.6						
57.5	10.0	13.0	7.9							55.0	96.9	10.7			
60.0				19.9	76.3	9.6	37.5	89.1	12.3	51.8	96.9 95.1	10.7			
61.0				16.3	76.3 73.1	9.6	31.3	09.1	12.3	01.0	90.1	10.7			
65.0				10.5	73.1	9.5	27.4	81.1	11.3	44.5	90.5	9.3			
69.0							15.3	70.5	10.5	44.5	30.0	9.5			
70.0							13.3	70.5	10.5	36.8	85.0	8.0			
75.0										26.3	76.7	6.9			
78.0										17.5	69.0	6.2			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto llumín (2 ı] Posici	316-1) 5	6.5 m Pl	eza de p umín	lumín				
16.9	78.0	114.2	29.6												
18.0	76.8	113.9	29.6												
20.0	74.7	113.4	26.7												
22.0	72.6	112.8	23.7												
24.0	70.5	112.1	21.0												
26.0	68.3	111.3	19.1												
26.5				73.0	112.4	25.9									
28.0	66.1	110.5	17.6	71.4	112.0	25.6									
30.0	63.8	109.5	16.3	69.3	111.2	24.6									
32.0	61.5	108.4	15.3	67.1	110.4	23.8									
34.0	59.2	107.3	14.3	64.9	109.5	21.8									
36.0	56.8	106.0	13.3 12.5	62.6 60.3	108.5 107.4	20.2 19.0									
38.0 40.0	54.3 51.7	104.6 103.1	12.5	57.9	107.4	19.0									
41.6	51.7	103.1	11.0	57.9	106.1	17.5	65.0	107.9	17.5						
42.0	49.1	101.4	11.2	55.4	104.8	16.3	64.6	107.9	17.5						
44.0	46.3	99.5	10.5	52.9	103.3	15.2	62.3	106.7	17.5						
46.0	43.4	97.5	9.9	50.3	103.3	14.3	60.0	105.6	16.3						
48.0	40.3	95.2	9.4	47.6	99.9	13.4	57.6	104.3	15.6				i		
50.0	37.1	92.7	8.9	44.8	98.0	12.6	55.1	103.0	14.8						
55.0	27.4	84.5	7.9	36.9	92.1	10.9	48.6	99.0	13.3						
59.0	16.2	74.2	7.2												
59.2										55.0	99.4	10.0			
60.0				27.2	83.9	9.5	41.4	93.9	12.0	54.2	98.9	10.6			
64.0				15.9	73.5	8.5									
65.0							32.9	87.1	11.0	47.6	94.8	9.2			
70.0							21.5	77.2	10.1	39.8	89.2	7.9			
72.0							16.1	72.1	9.0						
75.0										32.0	82.9	6.8			
80.0										20.3	72.5	5.8			
81.0										17.0	69.4	5.6			



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		gulo de orincipal			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 r		eza de p	lumín (2	316-1) 5	9.5 m Pli	eza de p umín	lumín		-		
<u> </u>						25.0 [11] Posici	on midia	11 (2316)						
17.5	78.0	117.1	27.3												
18.0	77.5	117.0	27.3												
20.0	75.5	116.5	25.9												
22.0	73.5 71.5	115.9	23.2												
24.0	71.5 69.4	115.3	20.5 18.5												
26.0	69.4	114.6	18.5	73.0	115.3	24.1									
27.4 28.0	67.3	113.7	17.1	73.0	115.3	24.1									
30.0	65.2	112.8	15.8	72.4 70.4	114.4	23.5									
32.0	63.1	111.9	14.7	68.3	113.7	22.6									
34.0	60.9	110.8	13.8	66.2	112.8	21.4									
36.0	58.7	109.6	12.9	64.1	111.9	19.8									
38.0	56.4	108.3	12.1	61.9	110.8	18.5									
40.0	54.0	106.9	11.3	59.7	109.7	17.3									
42.0	51.6	105.3	10.7	57.4	108.4	16.0									
42.8							65.0	110.6	16.0						
44.0	49.0	103.6	10.1	55.1	107.1	14.9	63.8	110.1	16.5						
46.0	46.4	101.8	9.6	52.7	105.6	13.9	61.6	109.0	15.8						
48.0	43.7	99.7	9.0	50.2	103.9	13.1	59.4	107.9	15.1						
50.0	40.8	97.5	8.5	47.6	102.2	12.3	57.1	106.6	14.5						
55.0	32.6	90.6	7.5	40.7	96.9	10.5	51.1	102.9	12.9						
60.0	21.9	80.7	6.6	32.5	90.1	9.2	44.6	98.3	11.7						
60.9										55.0	101.8	9.4			
62.0	15.7	74.6	6.3												
65.0				21.7	80.0	8.0	37.2	92.4	10.6	50.0	98.6	8.7			
67.0				15.4	73.9	7.5	00.4	0.4.5	0.7	44.0	04.0	7.5			
70.0							28.1	84.5 72.5	9.7	44.0	94.3 88.3	7.5			
75.0 80.0							15.7	72.5	8.2	36.4 27.2	88.3 80.1	6.4 5.5			
84.0										16.5	69.8	5.5 4.7			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín				
18.1	78.0	120.1	25.4												
20.0	76.2	119.6	25.1												
22.0	74.3	119.1	22.5												
24.0	72.4	118.5	20.2												
26.0	70.5	117.8	18.2												
28.0	68.5	117.0	16.8												
28.3				73.0	118.2	22.7									
30.0	66.5	116.1	15.5	71.4	117.6	22.4									
32.0	64.5	115.2	14.4	69.4	116.9	21.7									
34.0	62.4	114.2	13.5	67.4	116.1	20.9									
36.0	60.3	113.1	12.6	65.4	115.2	19.5									
38.0	58.2	111.9	11.8	63.4	114.2	18.1									
40.0	56.0 53.7	110.5	11.1	61.3	113.1 112.0	17.1									
42.0	53.7	109.1	10.4 9.9	59.2		15.9									
44.0 44.1	51.4	107.5	9.9	57.0	110.7	14.7	65.0	113.4	15.0						
44.1	49.0	105.8	9.3	54.8	109.3	13.7	63.1	113.4	15.0						
46.0 48.0	49.0	105.8	9.3 8.8	54.8 52.5	109.3	13.7	61.0	112.4	15.5						
50.0	43.9	104.0	8.3	52.5 50.1	107.8	12.6	58.9	110.2	14.7						
55.0	36.7	96.0	7.2	43.8	100.2	10.3	53.3	106.8	12.6						
60.0	28.0	87.9	6.4	36.6	95.4	8.9	47.3	100.5	11.4						
62.7	20.0	6.10	0.4	30.0	33.4	0.9	47.5	102.5	11.4	55.0	104.3	8.7			
65.0	15.3	75.0	5.6	27.9	87.3	7.8	40.7	97.3	10.3	52.3	104.3	8.4			
70.0	10.0	, 5.0	0.0	15.1	74.3	6.7	32.9	90.5	9.4	46.8	98.6	7.2			
75.0				.5.1		0.7	23.0	80.8	8.6	40.1	93.2	6.1			
78.0							15.3	72.9	7.5	.3.1	- 55. <u>L</u>	- U. I			
80.0										32.2	86.2	5.2			
85.0										21.9	76.2	4.3			
87.0										16.1	70.3	4.0			



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	88° Án	gulo de orincipal	pluma l		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	lumín (2	de carga 316-1) 6 ón midfa	5.5 m Plı	eza de p umín	lumín				
40.7	70.0	100.0	00.7			31.0[11	1 1 03101	I	11 (2310)				I		
18.7 20.0	78.0 76.9	123.0 122.7	22.7 22.7												
20.0	75.1	122.7	21.2												
24.0	73.1	122.2	19.5												
26.0	71.4	121.0	17.6												
28.0	69.5	120.9	16.1												
29.2	09.5	120.2	10.1	73.0	121.1	20.7									
30.0	67.6	119.4	14.9	72.2	120.8	20.6									
32.0	65.7	118.5	13.8	70.4	120.1	20.2									
34.0	63.8	117.6	12.9	68.5	119.3	19.5									
36.0	61.8	116.5	12.1	66.6	118.5	18.8									
38.0	59.8	115.4	11.4	64.7	117.6	17.5									
40.0	57.7	114.1	10.6	62.7	116.5	16.5									
42.0	55.6	112.8	9.9	60.7	115.5	15.7									
44.0	53.5	111.4	9.4	58.7	114.3	14.5									
45.4							65.0	116.1	14.5						
46.0	51.3	109.8	8.8	56.6	113.0	13.4	64.4	115.8	14.5						
48.0	49.0	108.1	8.4	54.5	111.6	12.5	62.5	114.8	14.3						
50.0	46.6	106.2	7.9	52.3	110.1	11.7	60.5	113.7	13.6						
55.0	40.1	100.9	6.8	46.5	105.7	10.1	55.3	110.5	12.1						
60.0	32.7	94.0	6.0	40.0	100.3	8.6	49.7	106.6	11.0						
64.4			5.0	20.0	00.4	7.5	40.7	1010		55.0	106.8	8.2			
65.0	23.2 16.1	84.3	5.3	32.6	93.4	7.5	43.7	101.8	9.9	54.3	106.3	8.0			
68.0	16.1	76.6	4.5	22.0	00.7	6.6	26.0	05.0	0.0	40.0	100.7	6.8			
70.0 73.0				23.0 15.8	83.7 75.9	6.6 5.5	36.8	95.8	9.0	49.2	102.7	ზ.8			
75.0 75.0				15.6	75.9	5.5	28.6	87.8	8.3	43.1	97.8	5.8			
75.0 80.0							28.6 17.1	75.7	7.6	36.2	97.8 91.6	5.8 4.8			
85.0							17.1	13.1	7.0	27.8	83.5	4.0			
90.0										15.7	70.7	3.2			



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	88° Án	gulo de orincipal	pluma I		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı			ıl, Punto lumín (2:			eza de p	lumín				
					Cab		n] Posici			ullilli					
19.4	78.0	125.9	20.8												
20.0	77.4	125.8	20.8												
22.0	75.7	125.3	20.2												
24.0	74.0	124.7	18.8												
26.0	72.2	124.1	17.2												
28.0	70.5	123.4	15.8												
30.0	68.7	122.7	14.7												
30.1				73.0	123.9	19.2									
32.0	66.9	121.8	13.6	71.3	123.3	19.0									
34.0	65.0	120.9	12.6	69.5	122.6	18.4									
36.0	63.2	119.9	11.8	67.7	121.7	18.0									
38.0	61.3	118.8	11.2	65.9	120.9	17.1									
40.0	59.3	117.7	10.4	64.0	119.9	16.1									
42.0	57.3	116.4	9.7	62.1	118.9	15.3									
44.0	55.3	115.1	9.1	60.2	117.8	14.6									
46.0	53.3	113.6	8.6	58.3	116.5	13.5									
46.6							65.0	118.8	13.4						
48.0	51.1	112.0	8.1	56.3	115.2	12.5	63.8	118.2	13.7						
50.0	48.9	110.3	7.7	54.2	113.8	11.7	61.9	117.1	13.4						
55.0	43.1	105.4	6.6	48.8	109.8	10.0	57.0	114.1	11.9						
60.0	36.5	99.3	5.8	43.0	104.9	8.6	51.8	110.5	10.6						
65.0	28.6	91.3	5.1	36.3	98.7	7.4	46.3	106.1	9.7	55.0	109.2	7.5			
66.1	17.7	70.4	4.5	28.4	90.7	0.5	40.4	100.6	8.7	55.0 51.4		6.6			
70.0 71.0	17.7	79.4 77.1	3.9	∠6.4	90.7	6.5	40.1	100.6	0.7	51.4	106.6	0.0			
71.0	15.7	11.1	3.9	17.5	78.6	5.6	33.0	93.8	8.0	45.7	102.1	5.6			
75.0 76.0				17.5	78.6 76.3	4.9	33.0	93.0	6.0	45.7	102.1	0.0			
80.0				10.5	10.3	4.9	24.1	84.4	7.4	39.5	96.6	4.6			
83.0							16.7	76.1	6.8	38.5	90.0	4.0			
85.0							10.7	70.1	0.0	32.3	89.6	3.8			
90.0										23.2	79.9	3.0			
93.0										15.4	71.1	2.6			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 r		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	1.5 m Pli	eza de p umín	lumín				
20.0	78.0	128.9	19.1												
22.0	76.4	128.4	18.9												
24.0	74.7	127.9	17.6												
26.0	73.0	127.3	16.4												
28.0	71.3	126.6	15.0												
30.0	69.6	125.9	13.8												
31.0				73.0	126.8	17.5									
32.0	67.9	125.1	12.9	72.1	126.5	17.4									
34.0	66.1	124.2	11.9	70.4	125.8	17.1									
36.0	64.3	123.2	11.1	68.7	125.0	16.6									
38.0	62.5	122.2	10.4	66.9	124.1	16.2									
40.0	60.7	121.1	9.8	65.2	123.2	15.2									
42.0 44.0	58.8 56.9	119.9 118.6	9.2 8.6	63.4 61.5	122.2 121.2	14.4 13.8									
44.0 46.0	56.9	118.6	8.0	59.7	121.2	13.8									
47.9	54.9	117.2	0.0	59.7	120.0	13.0	65.0	121.5	12.7						
47.9	52.9	115.8	7.6	57.8	118.8	12.1	64.9	121.5	12.7						
50.0	50.9	114.1	7.0	57.6 55.8	117.4	11.2	63.5	121.5	12.7						
55.0	45.4	109.6	6.2	50.8	117.4	9.5	58.5	117.6	11.3						
60.0	39.4	104.0	5.3	45.3	109.0	8.1	53.6	114.2	10.1						
65.0	32.4	96.9	4.7	39.3	103.4	7.0	48.4	110.0	9.2						
67.8	32.4	30.3	7.7	33.5	100.4	7.0	40.4	110.0	5.2	55.0	111.7	6.7			
70.0	23.7	87.3	4.1	32.3	96.3	6.1	42.7	105.0	8.2	53.3	110.4	6.2			
74.0	15.4	77.4	3.4	02.0	00.0	0		100.0	0.2	00.0		0.2			
75.0				23.5	86.6	5.2	36.3	98.8	7.5	48.1	106.2	5.2			
79.0				15.1	76.7	4.3									
80.0							28.6	90.7	6.9	42.4	101.2	4.2			
85.0							18.3	78.9	6.1	36.0	95.0	3.4			
86.0							15.5	75.5	5.9						
90.0										28.3	86.9	2.7			
94.0										20.4	77.9	2.1			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa		65° Án I	gulo de orincipa	pluma I		gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	4.5 m Pli	eza de p umín	lumín				
20.7	78.0	131.8	17.8												
22.0	76.9	131.5	17.8												
24.0	75.3	131.0	16.9												
26.0	73.7	130.4	15.8												
28.0	72.1	129.8	14.5												
30.0	70.5	129.1	13.4												
31.8				73.0	129.7	16.3									
32.0	68.8	128.3	12.6	72.9	129.6	16.3									
34.0	67.1	127.5	11.7	71.2	128.9	16.2									
36.0	65.4	126.6	10.8	69.6	128.2	15.8									
38.0	63.7	125.6	10.1	67.9	127.4	15.4									
40.0	62.0	124.6	9.5	66.2	126.5	14.8									
42.0	60.2	123.4	8.9	64.5	125.6	14.0									
44.0	58.4	122.2	8.4	62.8	124.6	13.4									
46.0	56.5	120.9	7.8	61.0	123.5	12.9									
48.0	54.7	119.5	7.3	59.2	122.3	12.0									
49.2							65.0	124.2	11.9						
50.0	52.7	118.0	6.9	57.4	121.0	11.2	64.3	123.8	11.9						
55.0	47.7	113.7	6.0	52.7	117.5	9.4	59.9	121.1	10.9						
60.0	42.1	108.6	5.1	47.6	113.2	8.0	55.3	117.9	9.8						
65.0	35.9	102.3	4.4	42.0	108.1	6.8	50.4	114.0	8.9						
69.5										55.0	114.1	6.0			
70.0	28.6	94.2	3.9	35.8	101.7	5.9	45.1	109.4	8.0	55.0	114.1	5.9			
75.0	18.8	82.5	3.3	28.5	93.6	5.1	39.3	103.7	7.2	50.1	110.2	4.9			
77.0	15.0	77.8	2.9	40.0	04.0	4.0	20.7	00.7	0.0	44.0	405.0	2.0			
80.0				18.6	81.8	4.3	32.7	96.7	6.6	44.9	105.6	3.9			
81.0				15.9	78.5	4.2	24.5	07.0	F 0	20.1	00.0	2.1			
85.0							24.5	87.3 78.1	5.8 5.2	39.1	99.9	3.1			
89.0 90.0							16.9	76.1	5.2	32.4	92.9	2.4			
90.0										29.4	92.9 89.5	2.4			
92.0	1	1	1			1			1	29.4	09.5	Z. I			



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	al, Punto dumín (2 n] Posici	316-1) 7	7.5 m Pl		lumín				
21.3	78.0	134.7	16.1												
22.0	77.5	134.6	16.1												
24.0	75.9	134.1	15.8							•			<u> </u>		
26.0	74.4	133.5	15.0												
28.0	72.8	132.9	14.1												
30.0	71.3	132.3	13.0												
32.0	69.7	131.5	12.2												
32.7				73.0	132.5	14.9									
34.0	68.1	130.7	11.4	72.0	132.1	14.8									
36.0	66.5	129.9	10.5	70.4	131.4	14.6									
38.0	64.8	128.9	9.8	68.8	130.6	14.2									
40.0	63.2	127.9	9.2	67.2	129.8	13.9									
42.0	61.5	126.9	8.7	65.6	128.9	13.3									
44.0	59.8	125.7	8.1	63.9	128.0	12.8									
46.0	58.0	124.5	7.6	62.3	126.9	12.4									
48.0	56.2	123.2	7.1	60.6	125.8	12.0									
50.0	54.4	121.8	6.6	58.8	124.6	11.1	05.0	407.0	44.0	ł					
50.5	40.7	447.0	5.7	540	404.0	0.0	65.0	127.0 124.6	11.3 10.7						
55.0	49.7 44.6	117.8	-	54.3 49.6	121.2 117.2	9.2	61.2		9.6						
60.0	38.9	113.0	4.9	49.6	117.2	7.9	56.8	121.5 117.9	8.6	.					
65.0 70.0	38.9	107.3 100.2	4.2 3.6	38.8	112.5	6.7 5.7	52.2 47.3	117.9	7.8						
70.0	32.5	100.2	3.0	30.0	100.6	5.7	47.3	113.0	7.0	55.0	116.6	5.2	i		
71.3 75.0	24.6	90.8	3.1	32.4	99.6	4.9	42.0	108.4	7.0	52.0 52.0	114.1	4.5			
75.0 79.0	15.8	79.6	2.7	32.4	99.0	4.9	42.0	100.4	7.0	52.0	114.1	4.0			
80.0	15.0	18.0	2.1	24.5	90.2	4.2	36.0	102.1	6.3	47.1	109.8	3.6			
84.0				24.5 15.6	78.9	3.6	30.0	102.1	0.3	47.1	109.0	3.0			
85.0				13.0	10.9	3.0	29.1	94.1	5.5	41.7	104.6	2.7			
90.0							21.3	84.5	4.7	35.8	98.3	2.7			
92.0							16.6	78.6	4.3	00.0	00.0	2.0			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa		65° Án I	gulo de orincipa	pluma I		gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	0.5 m Pli	eza de p umín	lumín				
21.9	78.0	137.7	14.7												
22.0	77.9	137.7	14.7												
24.0	76.5	137.2	14.6												
26.0	75.0	136.7	14.1												
28.0	73.5	136.1	13.8												
30.0	72.0	135.4	12.7												
32.0	70.5	134.7	11.8												
33.6		404.0		73.0	135.4	13.6									
34.0	68.9	134.0	11.1	72.7	135.3	13.6									
36.0 38.0	67.4 65.8	133.1 132.3	10.3 9.6	71.2 69.7	134.6 133.9	13.5 13.2									
40.0	64.2	132.3	9.6 8.9	69.7 68.1	133.9	13.2									
40.0	62.6	130.3	8.4	66.6	132.2	12.9									
44.0	61.0	129.2	7.9	65.0	131.3	12.0									
46.0	59.4	128.0	7.4	63.4	130.3	11.8									
48.0	57.7	126.8	6.9	61.8	129.2	11.5									
50.0	55.9	125.4	6.4	60.1	128.1	11.1									
51.7	00.0	.20	0	00.1	.20		65.0	129.7	10.7						
55.0	51.5	121.7	5.5	55.9	124.9	9.2	62.4	128.0	10.5						
60.0	46.7	117.3	4.7	51.4	121.2	7.7	58.2	125.1	9.3						
65.0	41.5	112.0	4.0	46.6	116.7	6.6	53.9	121.7	8.3						
70.0	35.8	105.6	3.4	41.5	111.5	5.5	49.3	117.6	7.6						
73.0										55.0	119.0	4.7			
75.0	29.0	97.6	2.9	35.7	105.1	4.7	44.4	112.8	6.8	53.6	117.9	4.3			
80.0	20.3	86.4	2.4	28.9	97.0	4.1	38.9	107.1	6.1	49.0	113.8	3.4			
82.0	15.5	80.0	2.2												
85.0				20.1	85.7	3.4	32.8	100.0	5.4	44.1	109.0	2.6			
87.0				15.3	79.3	3.1									
89.0										39.8	104.5	2.0			
90.0							26.3	92.1	4.6						
95.0							16.3	79.0	3.7						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 8	3.5 m Pl	eza de p umín	lumín		-		
22.5	78.0	140.6	13.6												
24.0	77.0	140.3	13.6												
26.0	75.5	139.8	13.3												
28.0	74.1	139.2	13.0												
30.0	72.7	138.6	12.3												
32.0	71.2	137.9	11.4												
34.0	69.7	137.2	10.7												
34.5				73.0	138.3	12.8									
36.0	68.3	136.4	10.0	71.9	137.8	12.7									
38.0	66.8	135.6	9.3	70.4	137.1	12.5									
40.0	65.2	134.6	8.6	68.9	136.3	12.2									
42.0	63.7	133.7	8.0	67.5	135.5	12.0									
44.0	62.2	132.6	7.6	65.9	134.6	11.7									
46.0	60.6	131.5	7.1	64.4	133.7	11.3									
48.0	59.0	130.3	6.6	62.9	132.6	11.0									
50.0	57.3	129.0	6.2	61.3	131.6	10.8									
53.0							65.0	132.4	10.1						
55.0	53.1	125.5	5.2	57.3	128.5	9.1	63.5	131.4	10.1						
60.0	48.6	121.4	4.4	53.1	125.0	7.5	59.5	128.6	9.0						
65.0	43.8	116.5	3.7	48.6	120.8	6.4	55.4	125.4	8.1						
70.0	38.6	110.7	3.1	43.8	115.9	5.4	51.1	121.6	7.3						
74.7		400 5	0.0	00.5	440.4		40.5	44-4	0.0	55.0	121.5	3.9			
75.0	32.6	103.5	2.6	38.5	110.1	4.5	46.5	117.1 111.8	6.6	54.8	121.3	3.9			
80.0	25.4	94.3	2.2	32.5	102.9	3.8	41.4		5.9	50.8	117.8	3.0			
85.0				25.2	93.7	3.2	35.9	105.4	5.1	46.2	113.3	2.2			
86.0				40.0	04.0	0.5	20.0	00.5	4.0	45.2	112.3	2.1			
90.0 95.0				16.6	81.9	2.5	30.2 22.4	98.5 88.2	4.2 3.4						
95.0 98.0							16.0	88.2 79.4	3.4						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	6.5 m Plı	eza de p umín	lumín				
23.2	78.0	143.5	12.7												
24.0	77.4	143.3	12.7												
26.0	76.1	142.9	12.5												
28.0	74.7	142.3	12.2												
30.0	73.3	141.7	12.0												
32.0	71.9	141.1	11.0												
34.0	70.5	140.4	10.3												
35.3				73.0	141.1	12.0									
36.0	69.1	139.6	9.7	72.5	140.9	11.9									
38.0	67.6	138.8	9.0	71.1	140.3	11.8									
40.0	66.2	137.9	8.4	69.7	139.5	11.6									
42.0	64.7	137.0	7.8	68.3	138.7	11.4									
44.0	63.2	136.0	7.3	66.8	137.9	11.1									
46.0	61.7	134.9	6.8	65.4	137.0	10.8									
48.0	60.2	133.8	6.4	63.9	136.0	10.5									
50.0	58.6	132.6	6.0	62.4	135.0	10.2									
54.3							65.0	135.1	9.5						
55.0	54.6	129.2	5.0	58.6	132.1	9.0	64.4	134.7	9.5						
60.0	50.4	125.3	4.2	54.6	128.7	7.4	60.7	132.1	8.8						
65.0	45.9	120.8	3.5	50.3	124.8	6.3	56.8	129.0	7.9						
70.0	41.0	115.4	2.9	45.8	120.2	5.3	52.7	125.4	7.0						
75.0	35.6	109.0	2.4	40.9	114.8	4.4	48.3	121.2	6.3						
76.4										55.0	124.0	3.3			
80.0				35.5	108.4	3.6	43.7	116.3	5.7	52.4	121.6	2.7			
84.0										49.0	118.3	2.1			
85.0				29.2	100.3	3.1	38.6	110.4	4.8						
90.0				21.3	89.5	2.5	33.5	104.2	4.0						
93.0				16.3	82.4	2.0									
95.0							26.8	95.5	3.2						
100.0							18.0	83.2	2.5						
101.0							15.7	79.8	2.3						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eza de p	ıl, Punto ılumín (2: ı] Posici	316-1) 8	9.5 m Pli	eza de p umín	lumín				
23.8	78.0	146.5	11.6												
24.0	77.9	146.4	11.6												
26.0	76.5	146.0	11.5												
28.0	75.2	145.4	11.3												
30.0	73.9	144.9	11.1												
32.0	72.5	144.2	10.5												
34.0	71.2	143.6	9.8												
36.0	69.8	142.8	9.3												
36.2				73.0	144.0	10.9									
38.0	68.4	142.1	8.8	71.8	143.4	10.8									
40.0	67.0	141.2	8.1	70.4	142.7	10.6									
42.0	65.6	140.3	7.5	69.1	142.0	10.4									
44.0	64.2	139.4	7.0	67.7	141.2	10.2									
46.0	62.7	138.4	6.5	66.3	140.3	10.0									
48.0	61.3	137.3	6.1	64.8	139.4	9.7									
50.0	59.8	136.1	5.7	63.4	138.4	9.4									
55.0	56.0	132.9	4.7	59.7	135.6	8.7									
55.5							65.0	137.8	8.9						
60.0	52.0	129.2	3.9	55.9	132.4	7.2	61.8	135.5	8.5						
65.0	47.7	124.9	3.3	51.9	128.7	6.0	58.0	132.6	7.6						
70.0	43.2	119.9	2.7	47.7	124.4	5.1	54.1	129.2	6.8						
75.0	38.2	114.0	2.1	43.1	119.4	4.2	50.0	125.2	6.1						
78.1										55.0	126.4	2.6			
80.0				38.2	113.4	3.4	45.7	120.6	5.5	53.9	125.4	2.4			
82.0										52.3	123.9	2.0			
85.0				32.5	106.3	2.8	41.5	115.8	4.5						
90.0				25.9	97.1	2.3	36.3	109.5	3.7						
95.0							30.5	101.8	2.9						
100.0							23.3	91.8	2.1						
101.0							21.6	89.4	2.0						



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eza de p	ıl, Punto lumín (2 ı l Posici	316-1) 9:	2.5 m Pl	eza de p umín	lumín				
24.4	78.0	149.4	10.6						(/						
26.0	77.0	149.0	10.6												
28.0	75.7	148.5	10.4												
30.0	74.4	148.0	10.2										i		
32.0	73.1	147.4	9.9												
34.0	71.8	146.7	9.3												
36.0	70.5	146.0	8.8												
37.1				73.0	146.9	9.9						İ	İ		
38.0	69.2	145.3	8.4	72.4	146.6	9.9									
40.0	67.8	144.5	7.8	71.1	145.9	9.8									
42.0	66.5	143.6	7.2	69.8	145.2	9.6									
44.0	65.1	142.7	6.7	68.4	144.4	9.4									
46.0	63.7	141.7	6.2	67.1	143.6	9.2									
48.0	62.3	140.7	5.8	65.7	142.7	8.9									
50.0	60.9	139.6	5.5	64.3	141.7	8.7									
55.0	57.2	136.5	4.5	60.8	139.1	8.3									
56.8							65.0	140.5	8.3						
60.0	53.4	133.0	3.7	57.2	136.0	6.9	62.8	138.9	8.3						
65.0	49.4	129.0	3.1	53.4	132.5	5.8	59.2	136.1	7.3						
70.0	45.2	124.3	2.5	49.4	128.4	4.9	55.5	132.8	6.5						
75.0				45.1	123.7	4.0	51.6	129.1	5.8						
79.9										55.0	128.9	2.1			
80.0				40.5	118.2	3.2	47.5	124.7	5.2	54.9	128.8	2.1			
80.3										55.0	128.9	2.1			
85.0				35.4	111.7	2.6	43.5	120.3	4.3						
90.0				29.5	103.7	2.1	38.8	114.5	3.5						
95.0							33.5	107.6	2.7						
99.0							28.7	100.8	2.1						



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		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa		45° Án I	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	5.5 m Pl		lumín				
25.0	78.0	152.3	9.8												
26.0	77.4	152.1	9.8												
28.0	76.2	151.6	9.7	•						•			•		
30.0	74.9	151.1	9.5												
32.0	73.7	150.5	9.3												
34.0	72.4	149.9	8.8												
36.0	71.1	149.2	8.4												
38.0	69.8	148.5	8.0	73.0	149.7	9.1									
40.0	68.5	147.7	7.6	71.7	149.1	9.0									
42.0	67.2	146.9	7.0	70.4	148.4	8.9									
44.0	65.9	146.0	6.5	69.1	147.6	8.7									
46.0	64.6	145.1	6.0	67.8	146.8	8.5									
48.0	63.2	144.1	5.5	66.5	146.0	8.3									
50.0	61.9	143.0	5.2	65.2	145.0	8.1									
55.0	58.4	140.1	4.3	61.8	142.5	7.7									
58.1							65.0	143.3	7.7						
60.0	54.8	136.7	3.4	58.3	139.6	6.7	63.7	142.3	7.7						
65.0	51.0	132.9	2.8	54.7	136.2	5.6	60.3	139.6	7.1	•			•		
70.0	47.0	128.5	2.2	50.9	132.4	4.7	56.7	136.5	6.3						
75.0				46.9	127.9	3.9	53.0	132.9	5.6						
80.0				42.6	122.8	3.1	49.1	128.8	4.9						
85.0				37.9	116.8	2.4	45.4	124.6	4.0						
90.0				•			41.0	119.2	3.1				•		
95.0							36.2	112.9	2.3						
97.0							34.1	110.0	2.1			1		1	



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	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín		_		
25.7	78.0	155.3	9.1												
26.0	77.8	155.2	9.1												
28.0	76.6	154.7	9.1												
30.0	75.4	154.2	8.9												
32.0	74.2	153.7	8.7												
34.0	73.0	153.1	8.4												
36.0	71.7	152.4	7.9												
38.0	70.5	151.7	7.6												
38.8				73.0	152.6	8.4									
40.0	69.2	151.0	7.2	72.3	152.2	8.4									
42.0	68.0	150.2	6.8	71.1	151.6	8.3									
44.0	66.7	149.3	6.2	69.8	150.8	8.1									
46.0	65.4	148.4	5.7	68.6	150.1	8.0									
48.0	64.1	147.4	5.3	67.3	149.2	7.8									
50.0	62.8	146.4	4.9	66.0	148.4	7.6									
55.0	59.5	143.6	4.1	62.8	145.9	7.2									
59.3							65.0	146.0	7.1						
60.0	56.0	140.4	3.2	59.4	143.1	6.6	64.6	145.7	7.1						
65.0	52.4	136.7	2.6	56.0	139.9	5.4	61.3	143.1	6.8						
70.0				52.3	136.2	4.5	57.9	140.1	6.0						
75.0				48.5	132.0	3.7	54.3	136.6	5.3						
80.0				44.5	127.2	3.0	50.6	132.7	4.6						
85.0				40.1	121.6	2.3	47.1	128.8	3.7						
90.0							43.0	123.7	2.9						
95.0							38.5	117.8	2.1						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

	88° Án I	gulo de principa	pluma I	83° Án I	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I	65° Án	gulo de orincipa	pluma I	45° Án	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0	m Pluma Cabe	eza de pl	al, Punto lumín (23 n] Posici	316-1) 10)1.5 m P	eza de p lumín	lumín		_		
26.3	78.0	158.2	8.4												
28.0	77.0	157.8	8.4												
30.0	75.8	157.3	8.3	•			•			•			<u> </u>		
32.0	74.7	156.8	8.1												
34.0	73.5	156.2	8.0												
36.0	72.3	155.6	7.5												
38.0	71.1	154.9	7.1				l								
39.7				73.0	155.5	7.7									
40.0	69.9	154.2	6.8	72.8	155.4	7.7									
42.0	68.7	153.4	6.5	71.6	154.7	7.7									
44.0	67.4	152.6	6.0	70.4	154.0	7.6									
46.0	66.2	151.7	5.5	69.2	153.3	7.4									
48.0	65.0	150.8	5.0	68.0	152.5	7.2									
50.0	63.7	149.8	4.6	66.8	151.6	7.1									
55.0	60.5	147.1	3.8	63.6	149.3	6.7									
60.0	57.1	144.0	3.0	60.4	146.6	6.3									
60.6							65.0	148.7	6.6						
65.0	53.7	140.5	2.3	57.1	143.5	5.2	62.2	146.5	6.5						
70.0				53.6	140.0	4.3	58.9	143.6	5.8						
75.0				50.0	136.0	3.5	55.6	140.3	5.1						
80.0				46.2	131.4	2.8	52.0	136.6	4.3						
85.0							48.7	132.8	3.4						
90.0							44.8	128.1	2.5						
93.0	1	l	1	I		1	42.3	124.9	2.1	I	l	ı	I	ı	l



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

	88° Án	gulo de principa	pluma I	83° Án I	gulo de orincipa	pluma I	75° Án I	gulo de principa	pluma I	65° Án	gulo de orincipa	pluma I	45° Án	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0	m Pluma Cabe	eza de pl	al, Punto lumín (23 n] Posici	316-1) 10)4.5 m P	eza de p lumín	lumín		_		
26.9	78.0	161.1	7.8												
28.0	77.4	160.9	7.8												
30.0	76.2	160.4	7.7												
32.0	75.1	159.9	7.6												
34.0	74.0	159.3	7.4												
36.0	72.8	158.7	7.1												
38.0	71.7	158.1	6.7												
40.0	70.5	157.4	6.4	ļ						•			<u> </u>		
40.6				73.0	158.4	7.2									
42.0	69.3	156.6	6.1	72.2	157.9	7.1									
44.0	68.1	155.8	5.8	71.0	157.2	7.1									
46.0	66.9	155.0	5.3	69.9	156.5	6.9									
48.0	65.7	154.1	4.8	68.7	155.7	6.8									
50.0	64.5	153.1	4.4	67.5	154.9	6.6									
55.0	61.4	150.5	3.6	64.5	152.6	6.2									
60.0	58.2	147.6	2.8	61.4	150.0	5.9									
61.9							65.0	151.4	6.1						
65.0				58.2	147.1	5.0	63.1	149.9	6.1						
70.0				54.8	143.7	4.1	59.9	147.1	5.5						
75.0				51.4	139.9	3.3	56.7	144.0	5.0						
80.0				47.8	135.6	2.6	53.3	140.4	4.1						
85.0							50.1	136.8	3.2						
90.0							46.4	132.3	2.4						
92.0	1	1	1	I		ı	44.9	130.3	2.1	I	1	l	I	l	l



Nº de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de principa			gulo de principa			gulo de principa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eża de pl	al, Punto lumín (23 n] Posici	316-1) 10	7.5 m P	eza de p lumín	lumín		-		
27.5	78.0	164.1	7.0												
28.0	77.7	164.0	7.0												
30.0	76.6	163.5	7.0												
32.0	75.5	163.0	6.8												
34.0	74.4	162.4	6.7												
36.0	73.3	161.9	6.5												
38.0	72.2	161.2	6.2												
40.0	71.1	160.5	5.9												
41.5				73.0	161.2	6.4									
42.0	69.9	159.8	5.7	72.7	161.1	6.4									
44.0	68.8	159.1	5.5	71.6	160.4	6.3									
46.0	67.6	158.2	5.0	70.4	159.7	6.2									
48.0	66.4	157.4	4.5	69.3	158.9	6.1									
50.0	65.3	156.5	4.1	68.2	158.2	5.9									
55.0	62.3	154.0	3.3	65.2	156.0	5.5									
60.0	59.2	151.1	2.5	62.2	153.4	5.2									
63.1							65.0	154.1	5.3						
65.0				59.2	150.6	4.6	63.9	153.2	5.3				I		
70.0				56.0	147.4	3.8	60.9	150.6	5.1						
75.0				52.7	143.7	3.0	57.7	147.6	4.7				-		
80.0				49.2	139.6	2.4	54.5	144.1	3.8						
85.0							51.4	140.7	2.9						
90.0	1	1	1		1	1	47.9	136.4	2.1		1	1	1	l .	1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cabe	eża de pl	ıl, Punto umín (23 ı] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín		_		
28.1	78.0	167.0	6.3												
30.0	77.0	166.6	6.3												
32.0	75.9	166.1	6.2												
34.0	74.9	165.6	6.0												
36.0	73.8	165.0	5.9												
38.0	72.7	164.4	5.7												
40.0	71.6	163.7	5.4												
42.0	70.5	163.0	5.2												
42.4				73.0	164.1	5.7									
44.0	69.4	162.3	5.0	72.1	163.6	5.7									
46.0	68.3	161.5	4.7	71.0	162.9	5.6									
48.0	67.1	160.6	4.3	69.9	162.2	5.5									
50.0	66.0	159.8	3.9	68.8	161.4	5.3									
55.0	63.1	157.3	3.0	66.0	159.3	5.0									
60.0	60.1	154.6	2.3	63.1	156.8	4.6									
64.4							65.0	156.9	4.7						
65.0				60.1	154.1	4.3	64.7	156.6	4.7						
70.0				57.0	151.0	3.5	61.7	154.0	4.6						
75.0				53.9	147.5	2.8	58.7	151.1	4.3						
80.0				50.5	143.5	2.3	55.6	147.8	3.5						
85.0							52.7	144.5	2.6						
88.0							50.7	142.1	2.1						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 3:	2.5 m Pl		lumín				
11.9 12.0 13.0 14.0 16.0 18.0 19.5 20.0 24.0 26.0 28.0 30.0 31.4 32.0 34.0 36.0 38.0 40.0 41.0 42.0 44.0 45.5 46.0 49.0 50.0	78.0 77.8 76.0 74.1 70.4 66.6 62.6 58.6 54.3 49.7 44.9 39.5 33.4 26.1 15.8	90.7 90.7 90.4 90.2 89.5 88.6 87.7 86.5 85.1 83.5 81.6 79.3 76.5 72.9 67.4	37.3 37.3 36.8 35.7 33.6 31.3 29.2 26.8 24.3 22.5 20.8 19.4 18.3 17.3 16.3	73.0 72.1 68.4 64.5 60.5 56.3 51.9 47.2 42.1 36.4 29.7 21.2 15.3	89.5 89.3 88.6 87.7 86.6 85.3 83.8 82.0 79.9 77.4 74.2 69.8 66.6	32.7 32.6 31.3 29.5 28.2 26.7 25.5 24.1 22.6 21.5 20.2 18.8 18.1	65.0 64.0 59.9 55.7 51.3 46.5 41.4 35.6 28.8 19.9	86.2 85.9 84.8 83.5 82.0 80.2 78.0 75.4 72.1 67.5 65.2	27.0 27.8 26.4 25.0 23.8 22.7 21.6 20.7 19.9 19.1	55.0 54.1 49.5	79.7 79.4 77.8	17.5 18.2 17.5			
55.0 58.0 69.1 70.0 74.0										29.6 15.1	69.0 61.3	15.4 14.4	35.0 34.0 17.0	60.1 59.6 50.8	7.1 7.0 6.2



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı		eza de p	al, Punto llumín (1 n] Posici	916-1) 3	5.5 m Pl	eza de p umín	lumín				
12.5 13.0 14.0 16.0 20.0 20.4 22.0 24.0 26.0 30.0 32.0 32.0 34.0 36.0 38.0 39.0 40.0 44.0 44.0 45.0 50.0	78.0 77.2 75.5 72.1 68.7 65.1 61.5 57.7 53.8 49.6 45.2 40.3 34.9 28.6 20.6 15.1	93.7 93.5 93.3 92.7 91.9 91.0 90.0 88.8 87.4 85.7 83.8 81.6 76.9 75.6 71.0 67.7	33.3 33.3 32.4 30.3 28.6 26.5 25.1 23.2 21.6 20.4 19.0 17.8 16.7 15.9 15.0 14.6	73.0 70.3 66.8 63.2 59.5 55.6 51.6 47.3 42.6 37.5 31.7 24.6 16.7	92.4 91.8 91.0 90.0 88.9 87.6 86.0 84.3 82.2 79.8 76.8 72.9 68.2	28.8 28.1 26.7 25.4 24.3 23.2 22.3 21.2 20.0 19.1 18.1 17.1 13.2	65.0 62.7 59.0 55.1 51.0 46.7 42.0 36.8 30.9 23.6	88.9 88.2 87.1 85.8 84.2 82.4 80.3 77.8 74.7 70.6	25.2 25.0 23.9 22.8 21.8 20.8 19.9 19.1	55.0 53.6 49.4	82.2 81.7 80.0	16.5 17.0 16.4			
52.0 55.0 60.0 61.0 71.6 75.0 77.0							15.0	65.6	14.9	37.4 20.1 16.5	74.6 65.1 63.0	14.9 13.7 12.7	35.0 25.6 16.2	61.8 56.7 51.3	6.3 5.7 5.4



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín		_		
13.1	78.0	96.6	30.1												
14.0	76.7	96.4	30.0												
16.0	73.6	95.8	28.1												
18.0	70.4	95.1	26.3												
20.0	67.2	94.3	24.7												
21.3				73.0	95.2	25.9									
22.0	63.9	93.4	23.1	71.9	95.0	25.9									
24.0	60.5	92.3	21.9	68.7	94.2	24.5							<u> </u>		
26.0	57.0	91.0	20.7	65.4	93.4	23.4									
28.0	53.4	89.6	19.7	62.1	92.3	22.5									
30.0	49.5	88.0	18.8	58.7	91.2	21.6									
32.0	45.4	86.1	17.6	55.1	89.8	20.7									
34.0	41.0	83.9	16.5	51.3	88.3	20.0	65.0	91.6	23.0						
36.0	36.1	81.3	15.6	47.3	86.5	19.0	61.7	90.6	22.7						
38.0	30.6	78.2	14.8	43.1	84.5	18.1	58.2	89.4	22.0						
40.0	23.9	74.1	14.1	38.4	82.1	17.3	54.6	88.0	21.0						
42.0	16.4	69.4	10.5	33.3 27.2	79.2	16.5	50.8	86.4	20.2 19.4						
44.0 46.0				27.2 19.4	75.7 70.8	15.7 14.9	46.8 42.5	84.6 82.6	19.4 18.5						
46.0 47.0				16.0	70.6 68.6	11.6	42.5	02.0	16.5						
48.0				10.0	00.0	11.0	37.8	80.1	17.7						
48.9							37.0	60.1	17.7	55.0	84.6	15.4			
50.0							32.5	77.2	17.0	53.2	83.9	16.0			
54.0							18.2	68.4	15.6	33.2	00.8	10.0			
55.0							10.2	00.7	10.0	43.0	79.3	14.6			
60.0										30.3	72.4	13.5			
64.0										15.8	63.4	11.7			
74.0										.5.0	33.4		35.0	63.5	5.8
75.0													34.0	62.9	5.7
80.0													15.5	51.6	4.9



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 4	1.5 m Plı	eza de p umín	lumín				
13.7	78.0	99.5	27.2												
14.0	77.6	99.5	27.2												
16.0	74.8	98.9	25.9												
18.0	71.9	98.3	24.3												
20.0	68.9	97.6	23.0												
22.0	65.9	96.7	21.5												
22.2				73.0	98.1	23.3									
24.0	62.9	95.7	20.3	70.3	97.5	22.7									
26.0	59.7	94.6	19.3	67.3	96.7	21.8									
28.0	56.4 53.0	93.3	18.3	64.3	95.7 94.7	20.7									
30.0 32.0	49.4	91.9 90.2	17.5 16.7	61.2 57.9	94.7 93.5	20.0 19.1									
32.0 34.0	49.4 45.6	90.2 88.3	15.8	57.9 54.6	93.5 92.1	19.1									
35.2	45.0	00.3	15.6	34.0	92.1	10.3	65.0	94.3	19.5						
36.0	41.6	86.2	15.0	51.1	90.5	17.7	63.9	94.0	20.7						
38.0	37.1	83.7	14.2	47.4	88.8	16.8	60.8	92.9	20.1						
40.0	32.2	80.7	13.6	43.5	86.7	16.0	57.5	91.7	19.4						
42.0	26.4	77.0	12.9	39.2	84.4	15.3	54.1	90.3	18.6						
44.0	19.0	72.0	12.3	34.5	81.7	14.7	50.6	88.7	17.9						
45.0	15.7	69.8	9.6												
46.0				29.2	78.3	14.0	46.9	86.9	17.2						
48.0				22.7	74.1	13.3	42.9	84.8	16.4						
50.0				15.3	69.0	10.4	38.6	82.4	15.7						
50.6										55.0	87.1	14.6			
55.0							25.3	74.2	14.1	47.3	83.6	14.3			
57.0							17.4	68.9	13.5						
60.0										36.9	77.9	13.1			
65.0										22.6	68.9	12.2			
67.0										15.2	63.8	10.7			
76.5													35.0	65.2	5.1
80.0													27.0	60.2	4.6
82.0	l .												19.8	55.4	4.3



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0		eza de p	II, Punto Iumín (1 I Posici	916-1) 4	4.5 m Pli	eza de p umín	lumín				
14.4	78.0	102.5	24.7												
16.0	75.8	102.1	24.1												
18.0	73.2	101.5	22.7												
20.0	70.4	100.8	21.3												
22.0	67.7	100.0	20.1												
23.0				73.0	101.0	21.1									
24.0	64.8	99.1	18.9	71.7	100.7	21.1									
26.0	61.9	98.1	18.0	69.0	99.9	20.2									
28.0	59.0	96.9	17.1	66.1	99.1	19.4									
30.0	55.9	95.6	16.3	63.3	98.1	18.5									
32.0	52.7	94.1	15.6	60.3	97.0	17.8									
34.0	49.3	92.4	15.0	57.3	95.7	17.0									
36.0	45.8	90.6	14.3	54.2	94.3	16.3									
36.5							65.0	97.0	18.8						
38.0	42.0	88.4	13.6	50.9	92.8	15.7	62.9	96.3	18.6						
40.0	38.0	86.0	13.0	47.5	91.0	15.0	60.0	95.2	17.9						
42.0	33.5 28.4	83.1 79.7	12.5 12.0	43.8	89.0 86.7	14.3	56.9 53.8	93.9 92.5	17.3 16.6						
44.0 46.0	28.4	79.7 75.3	12.0	39.9 35.6	84.0	13.7 13.1	50.5	92.5 90.9	16.0						
48.0	15.2	70.2	8.3	30.8	80.9	12.5	47.0	90.9 89.1	15.3						
50.0	13.2	70.2	0.3	25.2	77.0	11.9	43.3	87.1	14.6						
52.0				18.0	71.8	11.3	43.3	07.1	14.0						
52.0				16.0	/ 1.0	11.3				55.0	89.6	13.7			
55.0							32.7	80.5	13.2	50.8	87.6	14.1			
60.0							16.8	69.3	11.7	41.8	82.7	12.8			
65.0							10.0	00.0	11.7	30.8	75.7	11.9			
69.0										17.9	66.5	11.0			
79.0											33.0		35.0	66.9	4.5
80.0													33.9	66.2	4.4
85.0													19.1	55.9	3.7



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	II, Punto Iumín (1 I Posici	916-1) 4	7.5 m Pli	eza de p umín	lumín				
15.0	78.0	105.4	22.0												
16.0	76.8	105.2	21.9												
18.0	74.3	104.6	20.7												
20.0	71.7	104.0	19.6												
22.0	69.1	103.2	18.8												
23.9				73.0	103.8	19.0									
24.0	66.5	102.4	17.9	72.9	103.8	19.0									
26.0	63.9	101.4	17.2	70.3	103.1	18.7									
28.0	61.1	100.4	16.7	67.7	102.3	18.1									
30.0	58.3	99.2	15.9	65.1	101.4	17.5									
32.0	55.4	97.8	15.2	62.4	100.4	17.1									
34.0	52.4	96.3	14.7	59.6	99.3	16.6									
36.0	49.3	94.7	14.1	56.8	98.0	16.0	05.0		47.0						
37.8	45.0		40.4	50.0	00.0	45.5	65.0	99.8	17.3						
38.0	45.9	92.8	13.4	53.8	96.6	15.5	64.8	99.7	17.3						
40.0	42.4	90.7	12.7	50.7	95.0	15.2	62.0	98.6	17.1						
42.0	38.7	88.3	12.1 11.6	47.5	93.2 91.2	14.6	59.3 56.4	97.5	16.6 16.2						
44.0 46.0	34.6 30.0	85.5 82.3	11.6	44.1 40.5	91.2 89.0	14.0 13.5	55.4	96.2 94.8	15.8						
48.0	24.6	78.3	10.6	36.5	86.4	13.5	50.3	94.6	15.6						
50.0	17.7	73.0	10.0	32.2	83.4	12.5	47.1	91.3	14.9						
54.1	17.7	75.0	10.0	32.2	05.4	12.5	47.1	31.3	14.5	55.0	92.0	13.1			
55.0				17.4	72.2	10.8	38.0	85.8	13.6	53.8	91.4	13.5			
60.0				17.4	12.2	10.0	26.5	77.6	12.2	45.8	87.1	12.4			
63.0							16.3	69.7	11.3	-10.0	07.1	12.7			
65.0							10.0	00.1	11.0	36.5	81.2	11.4			
70.0										24.3	72.5	10.5			
72.0										17.3	67.0	10.0			
81.4													35.0	68.7	3.9
85.0													27.9	63.6	3.4
88.0													18.4	56.3	3.0



Nº de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal		83° Án	gulo de orincipa	pluma I		gulo de orincipa		65° Án	gulo de orincipa	pluma I		gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 5	0.5 m Pli	eza de p umín	lumín				
15.6 16.0 18.0 20.0 22.0 24.0	78.0 77.6 75.2 72.8 70.4 68.0	108.3 108.2 107.7 107.1 106.4 105.7	20.2 20.2 19.4 18.6 17.8												
24.8 26.0 28.0 30.0 32.0	65.5 63.0 60.4 57.7	104.8 103.8 102.7 101.5	16.7 16.3 15.9	73.0 71.6 69.1 66.7 64.2	106.7 106.3 105.6 104.7 103.8	17.6 17.6 17.2 16.9									
34.0 36.0 38.0 39.0	55.0 52.1 49.2	100.1 98.6 96.9	14.6 14.1 13.6	61.6 59.0 56.3	102.7 101.6 100.3	16.3 15.9 15.6	65.0	102.5	15.8						
40.0 42.0 44.0 46.0 48.0	46.1 42.8 39.3 35.5 31.3	95.0 93.0 90.6 87.9 84.8	12.9 12.2 11.6 11.0 10.6	53.5 50.6 47.5 44.3 41.0	98.8 97.2 95.5 93.5 91.3	15.3 15.0 14.5 14.0 13.6	63.8 61.3 58.6 55.9 53.1	102.0 101.0 99.8 98.5 97.0	16.4 16.2 16.0 15.7 15.5						
50.0 53.0 55.0 55.8 58.0	26.5 17.1	81.1 73.4	10.1 9.4	37.3 26.4 16.8	88.8 80.5 72.7	13.2 11.6	50.2 42.2	95.4 90.5	15.3 14.2	55.0	94.5	12.4			
60.0 65.0 66.0 70.0 75.0				10.0	1 4-1	10.0	32.8 19.6 15.7	83.8 73.4 70.1	13.1 11.5 11.2	49.0 40.9 31.1 15.4	91.2 86.1 79.0 66.3	12.2 11.2 10.4 9.3			
83.9 85.0 90.0 91.0										13.4	00.5	3.0	35.0 33.9 21.3 17.8	70.4 69.5 59.7 56.8	3.5 3.4 2.8 2.7



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	al, Punto dumín (1 n] Posici	916-1) 5	3.5 m Pl		lumín		-		
16.2 18.0 20.0 22.0 24.0 25.7 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 40.3	78.0 76.1 73.8 71.6 69.3 67.0 64.6 62.2 59.8 57.2 54.6 51.9 49.1	111.3 110.8 110.3 109.6 108.9 108.1 107.1 106.1 105.0 103.7 102.3 100.8 99.1	18.3 18.0 17.2 16.4 15.8 15.4 15.0 14.7 14.3 13.8 13.4 13.1 12.6	73.0 72.6 70.4 68.1 65.7 63.3 60.9 58.4 55.8	109.6 109.5 108.8 108.0 107.1 106.1 105.1 103.9 102.5	16.1 16.1 15.9 15.6 15.2 14.9 14.7 14.4 14.1	65.0 63.0	105.2 104.4	14.3 14.9						
44.0 46.0 48.0 50.0 55.0 56.0 57.5	43.1 39.9 36.3 32.5 20.1 16.6	95.2 92.9 90.3 87.3 76.9 73.8	11.3 10.8 10.2 9.8 8.8 8.6	50.4 47.6 44.6 41.4 32.3	99.5 97.7 95.7 93.5 86.7	13.7 13.3 12.9 12.6 11.6	60.6 58.1 55.5 52.8 45.7	103.3 102.1 100.7 99.2 94.9	14.7 14.5 14.3 14.1 13.4	55.0	96.9	11.8			
60.0 61.0 65.0 69.0 70.0 75.0 78.0 86.3 90.0 94.0				19.9 16.3	76.3 73.1	9.6	37.5 27.4 15.3	89.1 81.1 70.5	12.6 11.4 10.2	51.8 44.5 36.2 25.5 16.2	95.1 90.5 84.5 76.0 67.8	12.0 11.0 10.1 9.1 8.4	35.0 28.6 17.3	72.1 67.0 57.3	2.9 2.5 2.1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa		75° Án I	gulo de orincipa	pluma l		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.9 18.0 20.0 22.0 24.0	78.0 76.8 74.7 72.6 70.5	114.2 113.9 113.4 112.8 112.1	16.8 16.7 16.0 15.3 14.6												
26.0 26.5 28.0 30.0 32.0	68.3 66.1 63.8 61.5	111.3 110.5 109.5 108.4	13.9 13.6 13.4	73.0 71.4 69.3 67.1	112.4 112.0 111.2 110.4	14.8 14.7 14.4 14.2									
34.0 36.0 38.0 40.0 41.6	59.2 56.8 54.3 51.7	107.3 106.0 104.6 103.1	13.1 12.7 12.4 12.1	64.9 62.6 60.3 57.9	109.5 108.5 107.4 106.1	13.9 13.6 13.4 13.1	65.0	107.9	13.6						
42.0 44.0 46.0 48.0 50.0	49.1 46.3 43.4 40.3 37.1	101.4 99.5 97.5 95.2 92.7	11.8 11.2 10.6 10.1 9.6	55.4 52.9 50.3 47.6 44.8	104.8 103.3 101.7 99.9 98.0	12.9 12.7 12.6 12.3 12.0	64.6 62.3 60.0 57.6 55.1	107.7 106.7 105.6 104.3 103.0	13.6 13.5 13.3 13.2 13.0						
55.0 59.0 59.2 60.0 64.0	27.4 16.2	84.5 74.2	8.6 7.9	36.9 27.2 15.9	92.1 83.9 73.5	11.3 10.1 8.9	48.6 41.4	99.0	12.7	55.0 54.2	99.4 98.9	11.1 11.5			
65.0 70.0 72.0 75.0 80.0							32.9 21.5 16.1	87.1 77.2 72.1	11.4 10.0 8.9	47.6 40.2 30.9 19.3	94.8 89.5 81.9 71.5	10.7 9.9 8.9 7.9			
81.0 88.8 90.0 93.0										17.0	69.4	7.7	35.0 33.8 27.8	73.8 72.9 67.7	2.4 2.3 2.0



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
	-			56.0 ı			ıl, Punto lumín (1			eza de p	lumín				
					Oab] Posici			ullilli					
17.5	78.0	117.1	14.6												
18.0	77.5	117.0	14.6												
20.0	75.5	116.5	14.0												
22.0	73.5	115.9	13.5												
24.0	71.5	115.3	12.9												
26.0	69.4	114.6	12.5												
27.4				73.0	115.3	12.9									
28.0	67.3	113.7	12.2	72.4	115.1	12.9									
30.0	65.2	112.8	11.9	70.4	114.4	12.7									
32.0 34.0	63.0 60.8	111.8 110.7	11.7 11.5	68.3 66.2	113.7 112.8	12.4 12.2									
36.0	58.5	109.5	11.5	64.0	111.8	11.9									
38.0	56.2	109.5	11.2	61.8	110.8	11.9									
40.0	53.8	106.2	10.8	59.6	109.6	11.7							i		
42.0	51.4	105.2	10.6	57.3	108.4	11.3									
42.8	0	100.2	10.0	01.0			65.0	110.6	11.8						
44.0	48.8	103.5	10.3	55.0	107.0	11.1	63.7	110.1	11.8						
46.0	46.2	101.6	9.8	52.5	105.5	11.0	61.6	109.0	11.6				i		
48.0	43.4	99.5	9.4	50.0	103.8	10.8	59.3	107.8	11.5						
50.0	40.5	97.2	9.0	47.4	102.0	10.6	57.0	106.6	11.3						
55.0	32.2	90.2	8.1	40.3	96.7	10.2	51.0	102.8	11.0						
60.0	21.1	80.0	7.3	32.0	89.7	9.5	44.3	98.1	10.7				<u> </u>		
60.9										55.0	101.8	10.3			
62.0	16.9	75.8	5.4												
65.0				20.9	79.3	8.3	36.8	92.1	10.4	50.0	98.6	10.0			
67.0				16.6	75.1	6.3									
70.0							27.5	84.0	9.5	43.3	93.8	9.3			
75.0							15.7	72.5	7.7	35.5	87.5	8.6			
80.0										27.2	80.1	7.6			
84.0										16.5	69.8	6.9			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 6	2.5 m Plı	eza de p umín	lumín				
18.2	78.0	120.1	13.3												
20.0	76.3	119.6	13.0												
22.0	74.3	119.1	12.4												
24.0	72.4	118.5	12.0												
26.0	70.5	117.8	11.6												
28.0	68.5	117.0	11.3												
28.3				73.0	118.2	11.8									
30.0	66.5	116.1	11.0	71.4	117.6	11.7									
32.0	64.4	115.2	10.8	69.4	116.9	11.4									
34.0	62.4	114.2	10.6	67.4	116.1	11.2									
36.0	60.2	113.0	10.4	65.4	115.2	11.0									
38.0	58.1	111.8	10.2	63.3	114.2	10.8									
40.0	55.9 53.6	110.5	10.0	61.2	113.1 111.9	10.6									
42.0	53.6	109.0	9.9 9.7	59.1 56.9		10.4									
44.0 44.1	51.2	107.4	9.7	56.9	110.6	10.2	65.0	113.4	10.7						
44.1	48.8	105.7	9.5	54.6	109.2	10.0	63.1	113.4	10.7						
46.0 48.0	48.8 46.3	105.7	9.5	54.6	109.2	9.9	60.9	112.4	10.7						
50.0	43.6	103.6	9.0 8.7	49.9	107.7	9.9	58.8	110.1	10.5						
55.0	36.4	95.7	7.9	43.5	100.1	9.4	53.2	106.7	10.0						
60.0	27.5	87.4	7.1	36.3	95.1	9.1	47.1	100.7	9.8						
62.7	21.5	07.4	7.1	30.3	33.1	9.1	47.1	102.4	9.0	55.0	104.3	9.6			
65.0	16.5	76.2	4.7	27.4	86.8	8.3	40.4	97.0	9.6	52.3	104.5	9.5			
70.0	10.5	70.2	7.7	16.2	75.5	5.3	32.5	90.1	9.2	46.1	98.1	9.0			
75.0				. 5.2	. 5.0	0.0	22.3	80.1	8.3	39.3	92.6	8.4			
78.0							15.3	72.9	6.7	00.0	02.0	U. .			
80.0							. 5.0	. 2.0		31.2	85.3	7.5			
85.0										21.9	76.2	6.6			
87.0										16.1	70.3	6.3			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	lumín (1	de carga 916-1) 6 ón midfa	5.5 m Pli	eza de p umín	lumín				
18.8	78.0	123.0	12.1												
20.0	76.9	122.7	12.1												
22.0	75.1	122.2	11.5												
24.0	73.3	121.6	11.1												
26.0	71.4	120.9	10.7												
28.0	69.5	120.2	10.5												
29.2				73.0	121.1	10.8									
30.0	67.6	119.4	10.2	72.3	120.8	10.8									
32.0	65.7	118.5	9.9	70.4	120.1	10.6									
34.0	63.7	117.5	9.7	68.5	119.3	10.3									
36.0	61.7	116.5	9.6	66.6	118.5	10.1									
38.0	59.7	115.3	9.4	64.6	117.5	9.9									
40.0	57.6	114.1	9.2	62.7	116.5	9.8									
42.0	55.5	112.7	9.0	60.7	115.4	9.6									
44.0	53.3	111.3	8.8	58.6	114.2	9.4	25.0	440.4	0.7						
45.4	54.4	400.7	0.7	50.5	440.0	0.0	65.0	116.1	9.7						
46.0	51.1 48.8	109.7 107.9	8.7	56.5	112.9 111.5	9.2	64.4 62.4	115.8 114.7	9.7						
48.0 50.0	46.4	107.9	8.5 8.2	54.4 52.1	110.0	9.1 8.9	60.4	113.6	9.7 9.5						
55.0	39.9	100.1	7.5	46.3	105.5	8.5	55.2	110.4	9.5						
60.0	32.3	93.6	6.9	39.8	100.0	8.2	49.6	106.4	8.9						
64.4	32.3	95.0	0.9	39.0	100.0	0.2	49.0	100.4	0.9	55.0	106.8	8.7			
65.0	22.5	83.7	6.2	32.2	93.0	7.7	43.4	101.6	8.6	54.3	106.3	8.7			
68.0	16.1	76.6	4.4	02.2	00.0	7.7	40.4	101.0	0.0	01.0	100.0	0.7			
70.0				22.4	83.0	7.0	36.5	95.5	8.3	48.7	102.2	8.4			
73.0				15.8	75.9	5.1	23.0	23.0	2.0						
75.0							28.1	87.4	7.8	42.4	97.2	8.0			
80.0							16.2	74.7	7.3	35.3	90.8	7.2	Ī		
85.0										27.8	83.5	6.4			
90.0										15.7	70.7	5.6			



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 6	8.5 m Plı	eza de p umín	lumín				
19.4	78.0	125.9	11.1												
20.0	77.5	125.8	11.1												
22.0	75.8	125.3	10.7												
24.0	74.0	124.7	10.3												
26.0	72.2	124.1	10.0												
28.0	70.5	123.4	9.7												
30.0	68.7	122.6	9.5												
30.1				73.0	123.9	9.9									
32.0	66.8	121.8	9.3	71.3	123.3	9.9									
34.0	65.0	120.9	9.1	69.5	122.5	9.6									
36.0	63.1	119.9	8.9	67.7	121.7	9.5									
38.0 40.0	61.2 59.2	118.8 117.6	8.8 8.5	65.8 64.0	120.9 119.9	9.2 9.1									
40.0	57.2	117.6	8.3	62.1	118.8	8.9									
44.0	55.2	115.0	8.2	60.1	117.7	8.8									
46.0	53.1	113.5	8.0	58.2	116.5	8.6									
46.6	33.1	110.0	0.0	30.2	110.5	0.0	65.0	118.8	8.9						
48.0	51.0	111.9	7.9	56.2	115.2	8.4	63.7	118.1	8.9						
50.0	48.7	110.2	7.7	54.1	113.7	8.2	61.8	117.1	8.8						
55.0	42.8	105.2	7.1	48.7	109.6	7.9	56.9	114.0	8.5						
60.0	36.1	99.0	6.6	42.7	104.7	7.4	51.7	110.4	8.2						
65.0	28.1	90.8	6.1	36.0	98.4	7.1	46.1	105.9	7.9						
66.1										55.0	109.2	7.9			
70.0	16.8	78.4	5.4	28.0	90.2	6.6	39.8	100.4	7.5	50.9	106.2	7.8			
71.0	15.7	77.1	4.2												
75.0				16.6	77.6	6.2	32.6	93.4	7.2	45.1	101.6	7.6			
76.0				15.5	76.3	5.0									
80.0							23.5	83.8	6.9	38.8	95.9	7.0			
83.0							15.8	75.1	6.7						
85.0										32.3	89.6	6.2			
90.0										23.2	79.9	5.4			
93.0										15.4	71.1	5.0			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1] Posici	916-1) 7	1.5 m Plı	eza de p umín	lumín				
20.0	78.0	128.9	10.0												
22.0	76.4	128.4	9.8												
24.0	74.7	127.9	9.4												
26.0	73.0	127.3	9.1												
28.0	71.3	126.6	8.9												
30.0	69.6	125.9	8.7												
31.0				73.0	126.8	9.0									
32.0	67.9	125.1	8.5	72.1	126.5	9.0									
34.0	66.1	124.2	8.3	70.4	125.8	8.8									
36.0	64.3	123.2	8.1	68.7	125.0	8.6									
38.0	62.5	122.2	8.0	66.9	124.1	8.5									
40.0 42.0	60.7 58.8	121.1 119.9	7.9 7.7	65.2 63.4	123.2 122.2	8.3 8.1									
42.0 44.0	56.9	118.6	7.7	61.5	121.2	8.0									
46.0	54.9	117.2	7.4	59.7	120.0	7.8									
47.9	34.5	111.2	1.4	35.1	120.0	7.0	65.0	121.5	8.1						
48.0	52.9	115.8	7.3	57.8	118.8	7.7	64.9	121.5	8.1						
50.0	50.9	114.1	7.1	55.8	117.4	7.5	63.1	120.5	8.0						
55.0	45.4	109.6	6.7	50.8	113.6	7.3	58.5	117.6	7.7						
60.0	39.4	104.0	6.2	45.3	109.0	7.0	53.6	114.2	7.5						
65.0	32.4	96.9	5.8	39.3	103.4	6.7	48.4	110.0	7.2						
67.8										55.0	111.7	7.1			
70.0	23.7	87.3	5.2	32.3	96.3	6.4	42.7	105.0	7.0	52.8	110.0	7.1			
74.0	15.4	77.4	3.9												
75.0				23.5	86.6	5.9	36.3	98.8	6.8	47.5	105.8	6.9			
79.0				15.1	76.7	4.6									
80.0							28.6	90.7	6.5	41.7	100.6	6.7			
85.0							18.3	78.9	6.2	36.0	95.0	5.9			
86.0							15.5	75.5	6.1						
90.0										28.3	86.9	5.1			
95.0										17.9	74.9	4.4			
96.0										15.0	71.4	4.3			



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		gulo de principa			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı		eza de p	lumín (1	916-1) 7	4.5 m Pli	eza de p umín	lumín				
ļ						31.0[11] Posici	on midia	11 (1916)						
20.7	78.0	131.8	9.1												
22.0	76.9	131.5	9.1												
24.0	75.3	131.0	8.7												
26.0	73.7	130.4	8.4												
28.0	72.1	129.8	8.2												
30.0	70.5	129.1	8.0												
31.8				73.0	129.7	8.2									
32.0	68.8	128.3	7.9	72.9	129.6	8.2									
34.0	67.1	127.5	7.7	71.2	128.9	8.1									
36.0	65.4	126.6	7.5	69.6	128.2	7.9									
38.0	63.7	125.6	7.4	67.9	127.4	7.8									
40.0	62.0 60.2	124.6	7.2	66.2	126.5	7.6									
42.0 44.0	58.4	123.4 122.2	7.1 7.0	64.5 62.8	125.6 124.6	7.5 7.3									
44.0	56.5	122.2	6.9	61.0	124.6	7.3									
48.0	54.7	119.5	6.7	59.2	123.3	7.1									
49.2	54.7	119.5	0.7	59.2	122.3	7.1	65.0	124.2	7.3						
50.0	52.7	118.0	6.6	57.4	121.0	7.0	64.3	124.2	7.3						
55.0	47.7	113.7	6.3	52.7	117.5	6.7	59.9	123.6	7.3						
60.0	42.1	108.6	5.9	47.6	117.3	6.5	55.3	117.9	6.9						
65.0	35.9	102.3	5.5	42.0	108.1	6.3	50.4	114.0	6.6						
69.5	33.8	102.3	3.5	42.0	100.1	0.5	30.4	114.0	0.0	55.0	114.1	6.4			
70.0	28.6	94.2	5.1	35.8	101.7	6.1	45.1	109.4	6.5	54.6	113.8	6.4			
75.0	18.8	82.5	4.5	28.5	93.6	5.8	39.3	103.7	6.4	49.6	109.8	6.3			
77.0	15.0	77.8	3.7	25.0	55.0	0.0	55.0		0.7	.5.0		0.0			
80.0	.5.0		J.,	18.6	81.8	5.3	32.7	96.7	6.2	44.3	105.1	6.2			
81.0				15.9	78.5	5.2	J		U						
85.0				. 5.0	. 5.0		24.5	87.3	5.9	38.4	99.2	5.8			
89.0							15.1	75.9	5.7						
90.0										32.4	92.9	5.1			
95.0										24.2	83.4	4.4			
98.0										17.6	75.4	4.0			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 7	7.5 m Pli	eza de p umín	lumín				
21.3 22.0 24.0 26.0 28.0 30.0 32.0 32.7	78.0 77.5 75.9 74.4 72.8 71.3 69.7	134.7 134.6 134.1 133.5 132.9 132.3 131.5	8.2 8.2 8.0 7.7 7.5 7.3 7.1	73.0	132.5	7.4									
34.0 36.0 38.0 40.0 42.0 44.0 46.0	68.1 66.5 64.8 63.2 61.5 59.8 58.0	130.7 129.9 128.9 127.9 126.9 125.7 124.5	7.0 6.8 6.6 6.5 6.4 6.3 6.1	72.0 70.4 68.8 67.2 65.6 63.9 62.3	132.1 131.4 130.6 129.8 128.9 128.0 126.9	7.4 7.2 7.0 6.9 6.7 6.6 6.5									
48.0 50.0 50.5 55.0 60.0 65.0	56.2 54.4 49.7 44.6 38.9	123.2 121.8 117.8 113.0 107.3	6.0 5.9 5.7 5.4 5.1	60.6 58.8 54.3 49.6 44.5	125.8 124.6 121.2 117.2 112.5	6.4 6.2 6.0 5.8 5.6	65.0 61.2 56.8 52.2	127.0 124.6 121.5 117.9	6.5 6.4 6.1 5.9						
70.0 71.3 75.0 79.0 80.0	32.5 24.6 15.8	90.8 79.6	4.8 4.3 3.9	38.8 32.4 24.5	99.6 90.2	5.4 5.2 4.9	47.3 42.0 36.0	113.6 108.4 102.1	5.7 5.6 5.5	55.0 51.5 46.6	116.6 113.7	5.7 5.6 5.5			
84.0 85.0 90.0 92.0 95.0 100.0 101.0				15.6	78.9	4.9	29.1 19.9 16.6	94.1 82.8 78.6	5.3 5.2 4.7	41.1 35.8 28.8 19.6 17.2	104.0 98.3 90.2 78.9 75.8	5.4 4.8 4.1 3.5 3.4			



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ı		eza de p	al, Punto llumín (1 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.9	78.0	137.7	7.5												
22.0	77.9	137.7	7.5												
24.0	76.5	137.2	7.3												
26.0	75.0	136.7	7.1												
28.0	73.5	136.1	6.9												
30.0	72.0	135.4	6.7												
32.0	70.5	134.7	6.5												
33.6				73.0	135.4	6.7									
34.0	68.9	134.0	6.4	72.7	135.3	6.7									
36.0	67.4	133.1	6.2	71.2	134.6	6.6									
38.0	65.8	132.3	6.1	69.7	133.9	6.4									
40.0	64.2	131.3	5.9	68.1	133.1	6.3									
42.0	62.6	130.3	5.8	66.6	132.2	6.1									
44.0	61.0 59.4	129.2 128.0	5.7 5.6	65.0 63.4	131.3 130.3	6.0									
46.0						5.9									
48.0	57.7	126.8	5.5	61.8	129.2	5.8 5.7									
50.0 51.7	55.9	125.4	5.3	60.1	128.1	5.7	65.0	129.7	5.8						
51.7 55.0	51.5	121.7	5.1	55.9	124.9	5.4	62.4	129.7	5.8						
60.0	46.7	117.3	4.9	51.4	121.2	5.2	58.2	125.1	5.5						
65.0	41.5	112.0	4.7	46.6	116.7	5.0	53.9	121.7	5.3						
70.0	35.8	105.6	4.5	41.5	111.5	4.8	49.3	117.6	5.1						
73.0	00.0	100.0	4.0	41.0	111.0	4.0	40.0	117.0	0.1	55.0	119.0	5.0			
75.0	29.0	97.6	4.2	35.7	105.1	4.7	44.4	112.8	5.0	53.2	117.6	5.0			
80.0	20.3	86.4	3.7	28.9	97.0	4.5	38.9	107.1	4.8	48.6	113.4	4.9			
82.0	15.5	80.0	3.5												
85.0				20.1	85.7	4.4	32.8	100.0	4.8	43.6	108.5	4.8			
87.0				15.3	79.3	4.3									
90.0							25.3	90.8	4.7	38.0	102.6	4.6			
95.0							16.3	79.0	4.2	32.5	96.2	4.0			
100.0										25.0	86.9	3.3			
104.0										16.9	76.3	2.9			



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 8	3.5 m Pl	eza de p umín	lumín				
22.5	78.0	140.6	6.7												
24.0	77.0	140.3	6.7												
26.0	75.5	139.8	6.4												
28.0	74.1	139.2	6.2												
30.0	72.7	138.6	6.1												
32.0	71.2	137.9	5.9												
34.0	69.7	137.2	5.8												
34.5				73.0	138.3	6.0									
36.0	68.3	136.4	5.7	71.9	137.8	6.0									
38.0	66.8	135.6	5.5	70.4	137.1	5.9									
40.0	65.2	134.6	5.4	68.9	136.3	5.7									
42.0	63.7	133.7	5.3	67.5	135.5	5.6									
44.0	62.2	132.6	5.2	65.9	134.6	5.4									
46.0	60.6	131.5	5.1	64.4	133.7	5.3									
48.0	59.0	130.3	5.0	62.9	132.6	5.2									
50.0	57.3	129.0	4.9	61.3	131.6	5.1									
53.0							65.0	132.4	5.2						
55.0	53.1	125.5	4.6	57.3	128.5	4.9	63.5	131.4	5.2				<u> </u>		
60.0	48.6	121.4	4.4	53.1	125.0	4.7	59.5	128.6	5.0						
65.0	43.8	116.5	4.2	48.6	120.8	4.5	55.4	125.4	4.8						
70.0	38.6	110.7	4.0	43.8	115.9	4.3	51.1	121.6	4.6						
74.7										55.0	121.5	4.5			
75.0	32.6	103.5	3.8	38.5	110.1	4.1	46.5	117.1	4.4	54.8	121.3	4.5			
80.0	25.4	94.3	3.5	32.5	102.9	4.0	41.4	111.8	4.3	50.4	117.4	4.4			
85.0	15.2	80.4	3.1	25.2	93.7	3.8	35.9	105.4	4.2	45.7	112.8	4.3			
90.0				16.6	81.9	3.1	29.4	97.5	4.1	40.6	107.4	4.2			
95.0							21.2	86.6	4.0	35.0	100.8	3.7			
98.0							16.0	79.4	3.5						
100.0										29.1	93.6	3.1			
105.0										20.9	82.7	2.5			
107.0										16.6	76.7	2.3			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (1 n] Posici	916-1) 8	6.5 m Pl	eza de p umín	lumín				
23.2 24.0 26.0 28.0 30.0	78.0 77.4 76.1 74.7 73.3	143.5 143.3 142.9 142.3 141.7	6.1 6.1 5.9 5.7 5.6												
32.0 34.0 35.3 36.0	71.9 70.5 69.1	141.1 140.4 139.6	5.4 5.3 5.2	73.0 72.5	141.1 140.9	5.5 5.5									
38.0 40.0 42.0 44.0 46.0	67.6 66.2 64.7 63.2 61.7	138.8 137.9 137.0 136.0 134.9	5.1 4.9 4.8 4.7 4.7	71.1 69.7 68.3 66.8 65.4	140.3 139.5 138.7 137.9 137.0	5.4 5.2 5.1 5.0 4.9									
48.0 50.0 54.3 55.0 60.0	58.6 54.6 50.4	133.8 132.6 129.2 125.3	4.6 4.5 4.2 4.1	63.9 62.4 58.6 54.6	136.0 135.0 132.1 128.7	4.8 4.7 4.5 4.3	65.0 64.4 60.7	135.1 134.7 132.1	4.7 4.7 4.5						
65.0 70.0 75.0 76.4 80.0	45.9 41.0 35.6 29.3	120.8 115.4 109.0 100.9	3.8 3.6 3.5	50.3 45.8 40.9 35.5	124.8 120.2 114.8 108.4	3.9 3.7 3.6	56.8 52.7 48.3 43.7	129.0 125.4 121.2 116.3	4.3 4.2 4.0 3.9	55.0 52.0	124.0 121.3	4.0			
85.0 88.0 90.0 93.0 95.0	21.5 16.5	90.2 83.1	2.9	29.2 21.3 16.3	89.5 82.4	3.4 3.3 2.7	38.6 32.8 25.9	110.4 103.4 94.3	3.7 3.6 3.5	47.6 42.9 37.7	117.0 111.9 105.9	3.8 3.7 3.5			
100.0 101.0 105.0 108.0							16.6 15.7	81.1 79.8	3.4 2.9	32.6 25.7 20.5	99.5 90.4 83.3	3.0 2.4 2.1			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 8	9.5 m Pl		lumín				
23.8 24.0 26.0 28.0 30.0 32.0 34.0 36.0 36.2	78.0 77.9 76.5 75.2 73.9 72.5 71.2 69.8	146.5 146.4 146.0 145.4 144.9 144.2 143.6 142.8	5.4 5.4 5.3 5.1 5.0 4.8 4.7 4.6	73.0	144.0	4.8									
38.0 40.0 42.0 44.0 46.0 48.0 50.0	68.4 67.0 65.6 64.2 62.7 61.3	142.1 141.2 140.3 139.4 138.4 137.3	4.5 4.3 4.2 4.1 4.0 3.9 3.8	71.8 70.4 69.1 67.7 66.3 64.8	143.4 142.7 142.0 141.2 140.3 139.4	4.8 4.6 4.5 4.4 4.3 4.2									
55.0 55.5 60.0 65.0 70.0	56.0 52.0 47.7 43.2	132.9 129.2 124.9 119.9	3.6 3.5 3.3 3.1	59.7 55.9 51.9 47.7	135.6 132.4 128.7 124.4	3.9 3.7 3.5 3.3	65.0 61.8 58.0 54.1	137.8 135.5 132.6 129.2	4.0 3.9 3.7 3.6						
75.0 78.1 80.0 85.0 90.0 91.0	38.2 32.6 26.0 17.1 16.2	114.0 106.8 97.8 84.8 83.5	2.9 2.8 2.6 2.3 2.1	43.1 38.2 32.5 25.9	119.4 113.4 106.3 97.1	3.2 3.0 2.9 2.7	50.0 45.7 40.9 35.7	125.2 120.6 115.2 108.7	3.4 3.3 3.2 3.0	55.0 53.5 49.4 45.0	126.4 125.1 121.0 116.3	3.3 3.3 3.2 3.1			
95.0 96.0 100.0 104.0 105.0 106.0	10.2	00.0	2.1	16.9 16.0	84.1 82.8	2.6 2.2	29.7 22.3 15.4	90.3 80.2	2.9 2.8 2.4	40.2 34.9 29.5 28.1	110.7 104.1 97.0 95.1	3.0 2.7 2.2 2.1			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 9:	2.5 m Pl	eza de p umín	lumín				
24.4	78.0	149.4	4.8												
26.0	77.0	149.0	4.8												
28.0	75.7	148.5	4.6												
30.0	74.4	148.0	4.5												
32.0	73.1	147.4	4.3												
34.0	71.8	146.7	4.2												
36.0	70.5	146.0	4.1												
37.1				73.0	146.9	4.2									
38.0	69.2	145.3	4.0	72.4	146.6	4.2									
40.0	67.8	144.5	3.8	71.1	145.9	4.1									
42.0	66.5	143.6	3.7	69.8	145.2	4.0									
44.0	65.1	142.7	3.6	68.4	144.4	3.9									
46.0	63.7	141.7	3.5	67.1	143.6	3.8									
48.0	62.3	140.7	3.4	65.7	142.7	3.7									
50.0	60.9	139.6	3.4	64.3	141.7	3.6									
55.0	57.2	136.5	3.1	60.8	139.1	3.4									
56.8							65.0	140.5	3.5						
60.0	53.4	133.0	3.0	57.2	136.0	3.2	62.8	138.9	3.4						
65.0	49.4	129.0	2.8	53.4	132.5	3.0	59.2	136.1	3.2						
70.0	45.2	124.3	2.6	49.4	128.4	2.8	55.5	132.8	3.1						
75.0	40.6	118.8	2.5	45.1	123.7	2.7	51.6	129.1	2.9						
79.9	05.5	4400		40.5	440.0		4	404 7	0.0	55.0	128.9	2.8			
80.0 85.0	35.5	112.3	2.4	40.5 35.4	118.2 111.7	2.6 2.5	47.5 43.1	124.7 119.7	2.8 2.7	54.9 51.0	128.8 124.9	2.8 2.7			
90.0				35.4 29.5	111.7 103.7	2.5	43.1 38.3	119.7	2.7	51.0 46.8	124.9 120.5	2.7			
95.0				29.5	103.7	2.3	38.3	106.7	2.5	40.8	120.5	2.5			
100.0							32.9 26.5	97.7	2.5	42.4 37.5	115.3	2.5			
100.0							20.5	97.7	2.4	33.8	109.3	2.5			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

	88° Án	gulo de principa	pluma I	83° Án	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I	65° Án I	gulo de principa	pluma I	45° Án	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				56.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín		_		
25.0	78.0	152.3	4.4												
26.0	77.4	152.1	4.4												
28.0	76.2	151.6	4.3												
30.0	74.9	151.1	4.1												
32.0	73.7	150.5	4.0												
34.0	72.4	149.9	3.9												
36.0	71.1	149.2	3.8												
38.0	69.8	148.5	3.7	73.0	149.7	3.9									
40.0	68.5	147.7	3.6	71.7	149.1	3.8									
42.0	67.2	146.9	3.5	70.4	148.4	3.7									
44.0	65.9	146.0	3.4	69.1	147.6	3.6									
46.0	64.6	145.1	3.3	67.8	146.8	3.5									
48.0	63.2	144.1	3.2	66.5	146.0	3.4									
50.0	61.9	143.0	3.1	65.2	145.0	3.3									
55.0	58.4	140.1	2.9	61.8	142.5	3.1									
58.1							65.0	143.3	3.2						
60.0	54.8	136.7	2.7	58.3	139.6	2.9	63.7	142.3	3.2						
65.0	51.0	132.9	2.5	54.7	136.2	2.7	60.3	139.6	3.0						
70.0				50.9	132.4	2.5	56.7	136.5	2.8						
75.0				46.9	127.9	2.3	53.0	132.9	2.6						
80.0							49.1	128.8	2.5						
81.6										55.0	131.3	2.5			
85.0										52.4	128.8	2.5			
90.0										48.5	124.6	2.3			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 3	8.5 m Pl		lumín				
13.2 14.0	78.0 76.8	99.6 99.4	43.8 43.8												
16.0 18.0 20.0	73.7 70.6 67.4	98.8 98.2 97.4	38.5 33.4 29.5												
21.7 22.0	64.1	96.4	26.0	73.0 72.5	98.2 98.1	36.3 36.2									
24.0 26.0	60.7 57.2	95.3 94.1	23.5 21.4	69.3 66.1	97.4 96.5	34.0 31.4									
28.0 30.0 32.0	53.5 49.7 45.6	92.7 91.1 89.2	19.6 18.3 17.1	62.7 59.3 55.7	95.5 94.4 93.1	28.8 26.6 24.3									
34.0 34.7	41.2	87.0	16.0	52.0	91.6	22.6	65.0	94.5	22.9						
36.0 38.0	36.4 30.9	84.4 81.3	15.1 14.3	48.1 43.9	89.8 87.8	21.0 19.5	63.0 59.6	93.9 92.8	23.2 21.9						
40.0 42.0 44.0	24.3 15.1	77.4 71.5	13.6 12.8	39.3 34.3 28.4	85.5 82.8 79.4	18.2 17.2 16.2	56.0 52.3 48.4	91.5 90.0 88.3	20.7 19.7 18.8						
46.0 47.0				21.0	74.9 71.7	15.2 14.7	44.2	86.3	17.9						
48.0 50.0							39.7 34.7	84.0 81.3	17.2 16.5	FF 0	87.4	13.5			
50.2 55.0 60.0							17.0	70.6	15.0	55.0 45.8 33.9	87.4 83.3 77.2	13.5 13.4 11.8			
65.0 76.2 80.0										15.5	65.9	10.2	35.0 25.0	65.6 59.8	2.6 2.1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín				
13.8	78.0	102.5	40.5												
14.0	77.8	102.5	40.5												
16.0	74.9	102.0	37.1												
18.0	72.0	101.4	32.5												
20.0	69.1	100.6	28.9												
22.0	66.1	99.8	25.5												
22.5				73.0	101.1	33.5									
24.0	63.0	98.8	22.7	70.9	100.6	32.7									
26.0	59.9	97.7	20.8	67.9	99.8	30.7									
28.0	56.6	96.4	19.1	64.9	98.9	28.2									
30.0	53.2	94.9	17.7	61.7	97.8	26.2									
32.0	49.6	93.3	16.6	58.5	96.7	24.1									
34.0	45.8	91.4	15.6	55.2	95.3	22.2									
36.0	41.8	89.3	14.6	51.7	93.8	20.6	65.0	97.2	21.5						
38.0	37.4	86.8	13.8	48.1	92.1	19.3	62.0	96.2	21.4						
40.0	32.4	83.8	13.1	44.2	90.1	17.9	58.8	95.0	20.3						
42.0	26.7	80.2	12.4	40.0	87.8	16.8	55.5	93.7	19.2						
44.0	19.4	75.3	11.8	35.4	85.2	15.8	52.0	92.2	18.3						
45.0	16.3	73.2	8.6		00.0	440	40.4		47.5						
46.0				30.2	82.0	14.9	48.4	90.5	17.5						
48.0				24.0	77.9	14.1	44.5	88.5	16.7						
50.0				15.5	72.1	13.2	40.4	86.3	16.0	55.0	00.0	40.7			
51.9 55.0							27.8	78.7	14.6	55.0 49.7	89.8 87.4	12.7 12.9			
58.0 58.0							16.3	71.0	13.8	49.7	07.4	12.9			
60.0							10.3	/ 1.0	13.0	39.8	82.3	11.4			
65.0										39.6 26.1	62.3 73.9	9.9			
68.0				i						16.6	67.5	9.9			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	4.5 m Pl	eza de p umín	lumín				
14.5	78.0	105.5	38.0												
16.0	76.0	105.1	36.6												
18.0	73.3	104.5	32.3												
20.0	70.6	103.8	28.2												
22.0	67.8	103.0	25.3												
23.4				73.0	104.0	31.4									
24.0	65.0	102.1	22.5	72.2	103.8	31.3									
26.0	62.1	101.1	20.4	69.5	103.0	29.8									
28.0	59.1	99.9	18.9	66.7	102.2	28.2									
30.0	56.0	98.6	17.5	63.8	101.2	25.8									
32.0 34.0	52.8 49.5	97.2 95.5	16.3 15.4	60.9 57.9	100.2 98.9	24.2 22.2									
34.0 36.0	49.5 46.0	93.7	14.4	57.9 54.8	96.9 97.6	20.5									
37.3	40.0	93.1	14.4	34.0	97.0	20.5	65.0	99.9	20.9						
38.0	42.2	91.5	13.6	51.5	96.0	19.2	64.0	99.6	20.9						
40.0	38.2	89.1	12.8	48.1	94.3	17.9	61.1	98.5	20.0						
42.0	33.7	86.3	12.1	44.5	92.3	16.8	58.1	97.3	19.1						
44.0	28.6	82.9	11.6	40.6	90.1	15.7	55.0	96.0	18.0						
46.0	22.5	78.6	11.0	36.4	87.5	14.8	51.8	94.5	17.2				i		
48.0	15.7	73.6	8.7	31.7	84.5	14.0	48.4	92.7	16.5						
50.0				26.3	80.8	13.3	44.8	90.8	15.8						
53.0				16.6	73.7	9.4									
53.6										55.0	92.3	12.1			
55.0							34.5	84.6	14.3	52.9	91.3	12.7			
60.0							20.1	74.6	13.0	44.3	86.8	11.2			
61.0							15.7	71.4	12.8						
65.0										33.3	80.1	9.7			
70.0										20.3	71.1	8.5			
71.0										16.0	67.9	8.2			



Nº de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

Altura o de plumín [°] altura o de plumín [°]	Altura Carga de [t] rolda- nas [m]
Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316) 15.1 78.0 108.4 34.9 16.0 76.9 108.2 34.9 18.0 74.4 107.6 31.0 20.0 71.9 107.0 27.4 22.0 69.3 106.3 24.4 24.0 66.7 105.4 21.9 24.3 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
16.0 76.9 108.2 34.9 18.0 74.4 107.6 31.0 20.0 71.9 107.0 27.4 22.0 69.3 106.3 24.4 24.0 66.7 105.4 21.9 24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
18.0 74.4 107.6 31.0 20.0 71.9 107.0 27.4 22.0 69.3 106.3 24.4 24.0 66.7 105.4 21.9 24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
20.0 71.9 107.0 27.4 22.0 69.3 106.3 24.4 24.0 66.7 105.4 21.9 24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
22.0 69.3 106.3 24.4 24.0 66.7 105.4 21.9 24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
24.0 66.7 105.4 21.9 24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
24.3 73.0 106.8 29.2 26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	+
26.0 64.0 104.5 19.8 70.8 106.2 28.5 28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
28.0 61.3 103.4 18.3 68.2 105.5 27.1 30.0 58.5 102.2 16.9 65.6 104.6 25.3	
30.0 58.5 102.2 16.9 65.6 104.6 25.3	
32.0 55.6 100.9 15.7 62.9 103.6 23.4	
34.0 52.6 99.4 14.8 60.1 102.5 21.9	
36.0 49.4 97.8 13.9 57.3 101.2 20.2	
38.0 46.1 95.9 13.1 54.4 99.8 18.7	
38.5 65.0 102.7 19.1	
40.0 42.6 93.8 12.3 51.3 98.3 17.5 63.1 102.0 19.5	
42.0 38.9 91.4 11.6 48.1 96.5 16.4 60.3 100.8 18.4	
44.0 34.8 88.7 11.1 44.7 94.6 15.4 57.5 99.6 17.6	
46.0 30.2 85.5 10.6 41.1 92.4 14.4 54.6 98.2 16.7	
<u>48.0</u> <u>24.9</u> <u>81.5</u> <u>10.1</u> <u>37.3</u> <u>89.9</u> <u>13.6</u> <u>51.5</u> <u>96.7</u> <u>16.0</u>	
50.0 18.1 76.3 9.5 33.0 87.0 12.9 48.3 95.0 15.3	
51.0 15.2 73.9 7.2	
55.0 18.8 76.4 11.2 39.5 89.7 13.8	
55.3 55.0 94.7 11.3	
56.0 16.0 74.2 8.2	+
60.0 64.0 28.6 82.1 12.6 47.9 91.0 10.8	
64.0 65.0 15.2 71.8 11.7 38.6 85.3 9.3	
70.0	1 1
74.0	



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 r		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	0.5 m Pli	eza de p umín	lumín				
15.7	78.0	111.3	32.7												
16.0	77.7	111.3	32.7												
18.0	75.3	110.8	30.4												
20.0	73.0	110.2	27.1												
22.0	70.6	109.5	23.8												
24.0	68.1	108.7	21.5												
25.2				73.0	109.7	27.5									
26.0	65.7	107.8	19.5	72.0	109.4	27.3									
28.0	63.1	106.8	17.9	69.6	108.7	26.3									
30.0	60.5	105.7	16.7	67.1	107.9	25.2									
32.0	57.9	104.5	15.5	64.6	107.0	23.2									
34.0	55.1	103.2	14.5	62.1	105.9	21.7									
36.0 38.0	52.3 49.3	101.7 100.0	13.6 12.9	59.5 56.8	104.8 103.5	20.2 18.7									
39.8	49.3	100.0	12.9	50.6	103.5	10.7	65.0	105.4	18.1						
40.0	46.3	98.1	12.1	54.0	102.1	17.4	64.8	105.4	18.6						
42.0	43.0	96.1	11.4	51.1	102.1	16.3	62.3	103.3	18.3						
44.0	39.5	93.7	10.8	48.1	98.8	15.3	59.7	104.3	17.2						
46.0	35.7	91.1	10.3	44.9	96.8	14.3	57.0	101.9	16.4						
48.0	31.6	88.0	9.8	41.6	94.7	13.5	54.2	100.5	15.6						
50.0	26.8	84.3	9.3	38.0	92.2	12.7	51.3	98.9	15.0						
53.0	17.5	76.7	8.6												
55.0				27.3	84.2	11.1	43.6	94.2	13.5						
57.0										55.0	97.2	10.6			
59.0				15.5	74.6	7.2									
60.0							34.4	87.9	12.3	50.9	95.0	10.5			
65.0							22.2	78.4	11.3	43.1	90.2	9.1			
67.0							16.2	73.4	10.0						
70.0										34.5	84.3	7.8			
75.0										22.3	74.8	6.7			
76.0										19.0	72.1	6.5			



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 5	3.5 m Pl	eza de p umín	lumín		_		
16.3	78.0	114.3	30.3			_									
18.0	76.2	113.9	29.7												
20.0	74.0	113.3	26.4												
22.0	71.7	112.7	23.3												
24.0	69.4	111.9	20.9												
26.0	67.1	111.1	19.0	73.0	112.6	25.8									
28.0	64.8	110.2	17.5	70.8	111.9	25.3									
30.0	62.3	109.2	16.3	68.5	111.1	24.2									
32.0	59.9	108.0	15.2	66.2	110.3	22.9									
34.0	57.4	106.8	14.2	63.8	109.3	21.2									
36.0	54.8	105.4	13.2	61.4	108.2	20.0									
38.0	52.1	103.9	12.5	58.9	107.1	18.5									
40.0	49.3	102.2	11.8	56.3	105.8	17.2	05.0	400.4	47.0						
41.1		400.4		50 7	4040	40.0	65.0	108.1	17.6						
42.0	46.4	100.4	11.1	53.7	104.3	16.0	64.0	107.7	17.5						
44.0	43.3	98.3	10.5	51.0	102.8	15.1	61.5	106.6	16.9						
46.0	40.0	96.0	9.9	48.1	101.0	14.2	59.1	105.4	16.0						
48.0 50.0	36.5 32.7	93.4 90.5	9.4 9.0	45.1 42.0	99.1 96.9	13.3 12.5	56.5 53.9	104.2 102.7	15.3 14.6						
55.0	20.5	80.2	8.0	33.1	90.9	10.9	46.9	98.5	13.2						
56.0	17.0	77.2	7.8	33.1	90.3	10.9	40.9	96.5	13.2						
58.8	17.0	''.2	7.0							55.0	99.6	9.9			
60.0				21.0	80.2	9.5	38.9	93.0	11.9	53.5	98.8	10.0			
62.0				15.1	74.9	7.2	30.3	33.0	11.0	55.5	30.0	10.0			
65.0				.5.1			29.2	85.4	10.9	46.9	94.9	8.6			
70.0							15.7	73.8	9.2	39.0	89.4	7.4			
75.0								. 3.0		29.3	81.8	6.3			
79.0										18.4	72.5	5.6			



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		gulo de principal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	II, Punto Iumín (2: I Posici	316-1) 5	6.5 m Plı	eza de p umín	lumín				
17.0	78.0	117.2	28.4												
18.0	76.9	117.0	28.4												
20.0	74.8	116.4	25.8												
22.0	72.7	115.8	23.0												
24.0	70.6	115.1	20.4												
26.0	68.4	114.4	18.6												
26.9				73.0	115.4	24.5									
28.0	66.2	113.5	17.1	71.8	115.1	24.3									
30.0	63.9	112.6	15.9	69.7	114.4	23.5									
32.0	61.6	111.5	15.0	67.5	113.5	22.6									
34.0	59.3	110.3	14.0	65.3	112.6	21.0									
36.0	56.9	109.1	13.0	63.0	111.7	19.6									
38.0	54.4	107.7	12.2	60.7	110.6	18.6									
40.0	51.9	106.1	11.5	58.3	109.4	17.2									
42.0	49.2	104.5	10.9	55.9	108.0	16.0	25.0	440.0	40.7						
42.4	40.5	400.0	40.0	50.4	400.0	440	65.0	110.8	16.7						
44.0 46.0	46.5 43.6	102.6 100.6	10.3 9.7	53.4 50.8	106.6 105.0	14.9 14.1	63.2 60.9	110.0 108.9	16.7 15.8						
46.0	43.6	98.3	9.7	48.1	105.0	13.2	58.5	108.9	15.8						
50.0	37.2	95.8	8.7	45.3	103.3	12.4	56.1	107.7	14.4						
55.0	27.6	87.7	7.8	37.5	95.6	10.7	49.7	100.4	13.0						
59.0	16.5	77.6	7.0	37.3	33.0	10.7	43.7	102.0	13.0						
60.0	10.5	17.0	7.0	28.0	87.6	9.4	42.6	97.7	11.7						
60.5				20.0	07.0	0.4	72.0	07.7	- 11.7	55.0	102.1	9.3			
64.0				17.2	77.8	8.4				23.0					
65.0							34.3	91.2	10.7	49.1	98.5	8.5			
70.0							23.6	82.0	9.8	42.7	94.0	7.3			
73.0							15.3	74.2	8.4						
75.0										34.4	87.6	6.3			
80.0										23.8	78.4	5.3			
82.0										17.9	73.0	4.9			



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 i		eza de p	II, Punto Ilumín (2: Il Posici	316-1) 5	9.5 m Plı	eza de p umín	lumín				
17.6	78.0	120.1	26.1												
18.0	77.6	120.0	26.1												
20.0	75.6	119.5	24.9												
22.0	73.6	119.0	22.3												
24.0	71.6	118.3	19.8												
26.0	69.5	117.6	18.0												
27.8				73.0	118.3	22.7									
28.0	67.5	116.8	16.6	72.8	118.2	22.7									
30.0	65.3	115.9	15.3	70.8	117.5	22.2									
32.0	63.2	114.9	14.3	68.7	116.8	21.3									
34.0	61.0	113.8	13.5	66.6	115.9	20.4									
36.0	58.8	112.6	12.6	64.5	115.0	19.0									
38.0	56.5	111.3	11.8	62.3	114.0	17.8									
40.0	54.1	109.9	11.0	60.1	112.9	16.8									
42.0	51.7	108.4	10.4	57.8	111.6	15.5									
43.6							65.0	113.5	15.1						
44.0	49.2	106.7	9.9	55.5	110.3	14.4	64.6	113.4	15.6						
46.0	46.6	104.9	9.3	53.1	108.8	13.5	62.5	112.4	15.3						
48.0	43.8	102.8	8.8	50.7	107.2	12.7	60.3	111.2	14.5						
50.0	40.9	100.6	8.3	48.1	105.5	12.0	58.0	110.0	14.0						
55.0	32.8 22.1	93.8	7.3	41.2	100.3	10.3	52.1	106.5	12.4						
60.0 62.0	16.1	84.0 78.0	6.5 6.1	33.1	93.6	9.0	45.7	102.0	11.3						
62.0	16.1	/8.0	6.1							55.0	104.6	8.7			
65.0				22.6	83.9	7.8	38.4	96.4	10.2	51.6	104.6	8.1			
67.0				16.8	78.2	7.4	30.4	90.4	10.2	01.0	102.4	0.1			
70.0				10.0	10.2	7.4	29.7	88.8	9.4	45.7	98.4	6.9			
75.0							17.3	77.0	8.6	38.5	92.7	5.9			
80.0							17.5	77.0	0.0	29.8	85.2	4.9			
85.0										17.5	73.5	4.1			



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	m Pluma Cab	eza de p	al, Punto Ilumín (2 n l Posici	316-1) 6	2.5 m Pli	eza de p umín	lumín		-		
18.2 20.0 22.0 24.0 26.0	78.0 76.3 74.4 72.5 70.6	123.1 122.6 122.1 121.5 120.8	24.5 24.2 21.7 19.6 17.7												
28.0 28.7 30.0 32.0 34.0	68.6 66.6 64.6 62.5	120.0 120.0 119.2 118.3 117.2	16.3 15.1 14.0 13.1	73.0 71.7 69.8 67.8	121.2 120.7 120.0 119.2	21.5 21.3 20.6 19.9									
36.0 38.0 40.0 42.0 44.0	60.4 58.3 56.1 53.8 51.5	116.1 114.9 113.6 112.2 110.6	12.4 11.5 10.8 10.2 9.6	65.8 63.8 61.7 59.6 57.4	118.3 117.4 116.3 115.2 113.9	18.7 17.5 16.5 15.5 14.3									
44.9 46.0 48.0 50.0 55.0	49.1 46.6 44.0 36.9	108.9 107.1 105.1 99.1	9.1 8.6 8.1 7.1	55.2 52.9 50.6 44.3	112.6 111.1 109.5 104.8	13.3 12.5 11.8 10.1	65.0 63.9 61.8 59.7 54.2	116.3 115.7 114.7 113.5 110.2	14.8 14.8 14.2 13.6 12.2						
60.0 63.9 65.0 70.0 75.0	28.2 15.7	91.1 78.4	6.3 5.5	37.2 28.6 16.3	98.9 91.0 78.6	7.6 6.6	48.3 41.8 34.2 24.8	106.1 101.1 94.6 85.5	9.9 9.1 8.4	55.0 53.8 48.4 41.8	107.0 106.2 102.5 97.4	8.1 7.8 6.6 5.6			
78.0 80.0 85.0 88.0							16.8	77.4	7.9	34.3 24.9 17.0	90.9 81.9 73.9	4.7 3.8 3.4			



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	88° Án I	gulo de principa	pluma I		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו						eza de p	lumín				
					Cab		olumín (2 n] Posici			umm					
18.8	78.0	126.0	22.0												
20.0	77.0	125.7	22.0												
22.0	75.2	125.2	20.5												
24.0	73.3	124.6	18.8												
26.0	71.5	124.0	17.0												
28.0	69.6	123.3	15.6												
29.5				73.0	124.0	19.8									
30.0	67.7	122.5	14.5	72.6	123.9	19.7									
32.0	65.8	121.6	13.4	70.7	123.2	19.4									
34.0	63.9	120.6	12.5	68.9	122.5	18.7									
36.0	61.9	119.6	11.8	67.0	121.6	18.1									
38.0	59.9	118.4	11.1	65.0	120.7	16.9									
40.0	57.9	117.2	10.3	63.1	119.7	15.9									
42.0	55.8	115.9	9.7	61.1	118.6	15.1									
44.0	53.6	114.4	9.1	59.1	117.5	14.1									
46.0	51.4	112.9	8.6	57.0	116.2	13.1									
46.2							65.0	119.0	13.7						
48.0	49.1	111.2	8.1	54.9	114.8	12.2	63.2	118.1	13.7						
50.0	46.7	109.3	7.7	52.7	113.3	11.4	61.3	117.0	13.1						
55.0	40.3	104.0	6.7	46.9	109.0	9.8	56.1	113.9	11.7						
60.0	32.9	97.1	5.9	40.5	103.7	8.4	50.6	110.1	10.5						
65.0	23.4	87.6	5.2	33.2	96.9	7.3	44.7	105.5	9.5						
65.6										55.0	109.5	7.2			
68.0	15.3	78.8	4.8												
70.0				23.8	87.5	6.4	38.0	99.7	8.6	50.7	106.5	6.2			
73.0				15.9	79.0	5.8									
75.0							30.0	92.2	8.0	44.7	101.8	5.2			
80.0							19.4	81.0	7.3	38.0	96.1	4.3			
81.0							16.4	77.8	7.1						
85.0										30.1	88.5	3.5			
90.0										19.5	77.5	2.7			
91.0										16.6	74.3	2.6			



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı			al, Punto olumín (2			eza de p	lumín				
					Cab		n] Posici			ullilli					
19.5	78.0	128.9	20.2												
20.0	77.5	128.8	20.2												
22.0	75.8	128.3	19.8												
24.0	74.1	127.8	18.2												
26.0	72.3	127.1	16.7												
28.0	70.6	126.5	15.3												
30.0	68.8	125.7	14.3												
30.4				73.0	126.9	18.7									
32.0	67.0	124.9	13.2	71.6	126.4	18.5									
34.0	65.1	124.0	12.3	69.8	125.7	18.0									
36.0	63.3	123.0	11.5	68.0	124.9	17.4									
38.0	61.4	121.9	10.9	66.2	124.0	16.7									
40.0	59.4	120.7	10.2	64.4	123.1	15.7									
42.0	57.5	119.5	9.5	62.5	122.1	14.8									
44.0	55.4	118.1	8.9	60.6	120.9	14.2									
46.0	53.4	116.7	8.4	58.6	119.8	13.1									
47.4							65.0	121.7	12.8						
48.0	51.2	115.1	8.0	56.6	118.5	12.2	64.5	121.4	13.1						
50.0	49.0	113.4	7.5	54.6	117.1	11.4	62.6	120.4	12.9						
55.0	43.2	108.5	6.5	49.2	113.1	9.8	57.8	117.5	11.5						
60.0	36.6	102.4	5.6	43.4	108.2	8.4	52.7	114.0	10.2						
65.0	28.8	94.5	5.0	36.9	102.2	7.3	47.2	109.7	9.3						
67.4										55.0	111.9	6.6			
70.0	18.0	82.7	4.4	29.1	94.4	6.4	41.1	104.5	8.4	52.7	110.3	6.0			
71.0	16.0	80.4	3.9												
75.0				18.5	82.8	5.5	34.2	97.9	7.7	47.2	106.0	5.0			
76.0				15.6	79.4	5.4			- 4	44.0	400.0				
80.0							25.7	89.0	7.1	41.2	100.8	4.1			
84.0							15.1	77.1	6.3	24.0					
85.0										34.3	94.2	3.3			
90.0										25.8	85.4	2.6			
93.0								l		19.1	78.0	2.1			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	1.5 m Pli	eza de p umín	lumín				
20.1	78.0	131.9	18.5												
22.0	76.5	131.4	18.4												
24.0	74.8	130.9	17.0												
26.0	73.1	130.3	15.8												
28.0	71.4	129.6	14.4												
30.0	69.7	128.9	13.3												
31.3				73.0	129.8	16.9									
32.0	68.0	128.1	12.4	72.4	129.6	16.9									
34.0	66.2	127.2	11.5	70.7	128.9	16.7									
36.0	64.4 62.6	126.3	10.7 10.1	69.0 67.2	128.1 127.3	16.1 15.7									
38.0 40.0	60.8	125.3 124.2	9.5	65.5	127.3	15.7									
40.0	58.9	124.2	9.5 8.9	63.7	125.4	13.9									
44.0	57.0	123.0	8.3	61.9	123.4	13.3									
46.0	55.0	121.7	7.8	60.0	123.2	12.6									
48.0	53.0	118.8	7.3	58.1	122.0	11.7									
48.7	00.0	110.0	7.0	00.1	122.0		65.0	124.4	11.9						
50.0	51.0	117.2	7.0	56.2	120.7	10.9	63.8	123.8	11.9						
55.0	45.5	112.7	6.0	51.2	116.9	9.3	59.2	121.0	10.8						
60.0	39.5	107.1	5.2	45.7	112.4	7.9	54.4	117.6	9.7						
65.0	32.6	100.1	4.5	39.7	106.8	6.8	49.2	113.6	8.8						
69.1										55.0	114.4	5.8			
70.0	23.9	90.5	4.0	32.8	99.9	5.9	43.6	108.7	7.9	54.5	114.1	5.6			
74.0	15.7	80.8	3.3												
75.0				24.3	90.4	5.2	37.3	102.7	7.2	49.4	110.1	4.6			
79.0				16.2	81.0	4.3									
80.0							29.9	95.0	6.6	43.9	105.3	3.7			
85.0							20.3	84.1	5.8	37.7	99.4	2.9			
87.0							16.7	79.8	5.4						
90.0										30.4	91.9	2.2			
91.0										28.8	90.1	2.1			



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		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 7	4.5 m Pl		lumín				
20.8	78.0	134.8	17.4												
22.0	77.0	134.5	17.4												
24.0	75.4	134.0	16.5												
26.0	73.8	133.4	15.2												
28.0	72.2	132.8	14.0												
30.0	70.6	132.1	13.0												
32.0	68.9	131.3	12.2												
32.2				73.0	132.6	15.9									
34.0	67.2	130.5	11.3	71.5	132.0	15.7									
36.0	65.5	129.6	10.5	69.9	131.3	15.4									
38.0	63.8	128.7	9.8	68.2	130.5	14.9									
40.0	62.1	127.6	9.2	66.5	129.7	14.4									
42.0	60.3	126.5	8.7	64.8	128.8	13.6									
44.0	58.5	125.3	8.1	63.1	127.7	12.9									
46.0	56.6	124.0	7.6	61.3	126.7	12.4									
48.0	54.8	122.6	7.1	59.6	125.5	11.7									
50.0	52.8	121.1	6.7	57.7	124.3	10.8	65.0	127.1	11.3						
55.0	47.8	116.8	5.8	53.0	120.7	9.1	60.6	124.5	10.6						
60.0	42.3	111.7	5.0	48.0	116.5	7.8	56.0	121.3	9.5						
65.0	36.1	105.5	4.3	42.5	111.5	6.7	51.2	117.6	8.5						
70.0	28.8	97.4	3.8	36.3	105.2	5.7	46.0	113.0	7.7						
70.8										55.0	116.8	5.1			
75.0	19.0	85.8	3.2	29.1	97.3	5.0	40.3	107.6	7.0	51.4	114.0	4.3			
77.0	15.3	81.2	2.8												
80.0				19.5	85.9	4.3	33.8	100.8	6.4	46.2	109.6	3.4			
82.0				15.9	81.4	3.8									
85.0							25.9	91.9	5.5	40.6	104.2	2.6			
89.0							40.0	000	4.7	35.6	99.0	2.1			
90.0						1	16.3	80.3	4.7	I			I		



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		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	n Pluma	principa	I, Punto	de carga	1 - Cab	eza de p	lumín				
					Cab	eza de p 43.0 [m	olumín (2 n] Posici	ón midfa	7.5 m Pi II (2316)	umin					
21.4	78.0	137.7	15.6												
22.0	77.5	137.6	15.6												
24.0	76.0	137.1	15.4												
26.0	74.5	136.6	14.5												
28.0	72.9	136.0	13.6												
30.0	71.3	135.3	12.6												
32.0	69.8	134.6	11.7												
33.1				73.0	135.5	14.4									
34.0	68.2	133.8	11.0	72.3	135.2	14.3									
36.0	66.5	132.9	10.2	70.7	134.5	14.2									
38.0	64.9	132.0	9.5	69.1	133.8	13.8									
40.0	63.2	131.0	8.9	67.5	132.9	13.5 12.9									
42.0 44.0	61.6 59.9	129.9 128.8	8.4 7.8	65.9 64.2	132.1 131.1	12.9									
44.0	59.9	120.6	7.6	62.6	130.1	11.9									
48.0	56.3	126.2	6.8	60.9	129.0	11.5									
50.0	54.5	124.8	6.4	59.1	129.0	10.7									
51.2	34.5	124.0	0.4	39.1	127.0	10.7	65.0	129.8	10.6						
55.0	49.8	120.9	5.5	54.7	124.5	8.9	61.9	127.9	10.3				i		
60.0	44.7	116.1	4.7	50.0	120.5	7.6	57.5	124.9	9.2						
65.0	39.1	110.4	4.0	44.9	115.8	6.5	53.0	121.4	8.2						
70.0	32.6	103.4	3.5	39.3	110.2	5.5	48.1	117.2	7.5						
72.5	02.0		0.0	00.0		0.0				55.0	119.3	4.3			
75.0	24.8	94.0	3.0	32.9	103.2	4.8	42.9	112.2	6.7	53.1	117.8	3.9			
80.0	15.0	81.6	2.3	25.1	94.0	4.1	37.0	106.1	6.1	48.3	113.7	3.0			
85.0				15.6	81.8	3.2	31.1	99.4	5.2	43.1	108.7	2.2			
86.0										42.0	107.6	2.1			
90.0							22.8	89.4	4.4						
93.0							16.0	80.7	3.9						



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	lumín (2	316-1) 8	0.5 m Pl	eza de p umín	lumín				
						34.0 [m	ı] Posici	ón midfa	II (2316)						
22.0	78.0	140.7	14.3												
24.0	76.5	140.2	14.2												
26.0	75.1	139.7	13.7							<u> </u>					
28.0	73.6	139.1	13.3												
30.0	72.1	138.5	12.3												
32.0	70.6	137.8	11.4												
33.9				73.0	138.4	13.3									
34.0	69.0	137.0	10.7	73.0	138.4	13.3									
36.0	67.5	136.2	10.0	71.5	137.7	13.2									
38.0	65.9	135.3	9.3	69.9	137.0	12.9									
40.0	64.3	134.4	8.6	68.4	136.2	12.6									
42.0	62.7	133.3	8.1	66.8	135.4	12.4									
44.0	61.1 59.4	132.2 131.1	7.7 7.1	65.3	134.4 133.5	11.9 11.4									
46.0 48.0	59.4 57.8	129.8	6.7	63.7 62.1	133.5	11.4									
50.0	56.0	129.6	6.2	60.4	131.3	10.7									
52.5	56.0	120.5	0.2	60.4	131.3	10.7	65.0	132.6	10.1						
55.0	51.6	124.8	5.3	56.2	128.1	8.9	63.0	131.3	10.1						
60.0	46.8	120.4	4.6	51.7	124.4	7.5	58.9	128.5	9.0	i			i		
65.0	41.7	115.1	3.9	47.0	120.1	6.4	54.6	125.1	8.0						
70.0	35.9	108.8	3.3	41.9	114.9	5.4	50.0	121.2	7.3						
74.3	00.0	100.0	0.0	11.0		0.1	00.0			55.0	121.8	3.8			
75.0	29.1	100.8	2.8	36.1	108.6	4.6	45.2	116.5	6.5	54.7	121.5	3.8	i		
80.0	20.5	89.7	2.3	29.4	100.6	4.0	39.8	111.0	5.9	50.2	117.7	2.9			
82.0	15.8	83.4	2.1												
85.0				20.9	89.7	3.3	33.8	104.1	5.1	45.4	113.1	2.1			
88.0				15.3	82.2	2.8									
90.0							27.5	96.5	4.3						
95.0							18.2	84.4	3.5						
96.0							15.7	81.1	3.3						



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı	m Pluma Cab	eza de p	ıl, Punto ılumín (2 ı] Posici	316-1) 8	3.5 m Pl		lumín				
22.6	78.0	143.6	13.3												
24.0	77.0	143.3	13.3												
26.0	75.6	142.8	13.0												
28.0	74.2	142.2	12.6												
30.0	72.7	141.6	12.0												
32.0	71.3	141.0	11.0												
34.0	69.8	140.2	10.3												
34.8				73.0	141.2	12.4									
36.0	68.3	139.4	9.7	72.1	140.9	12.4									
38.0	66.8	138.6	8.9	70.7	140.2	12.2									
40.0	65.3	137.7	8.3	69.2	139.4	11.9									
42.0	63.8	136.7	7.7	67.7	138.6	11.7									
44.0	62.2	135.7	7.3	66.2	137.7	11.3									
46.0	60.7	134.6	6.9	64.7	136.8	10.9									
48.0	59.1	133.4	6.4	63.2	135.8	10.5									
50.0	57.4	132.1	5.9	61.6	134.7	10.2				l					
53.8							65.0	135.3	9.5						
55.0	53.2	128.6	5.0	57.6	131.7	8.7	64.1	134.7	9.5						
60.0	48.7	124.5	4.3	53.4	128.2	7.3	60.1	132.0	8.6						
65.0	43.9	119.6	3.6	48.9	124.1	6.2	56.0	128.8	7.8						
70.0	38.7	113.8	3.0	44.1	119.3	5.2	51.8	125.1	6.9						
75.0	32.7	106.7	2.5	38.9	113.5	4.4	47.2	120.7	6.3	55.0	404.0	0.4			
76.0 80.0				32.9	106.5	3.7	42.3	115.6	5.6	55.0 51.9	124.2 121.5	3.1 2.5			
83.0				32.9	0.001	3.1	42.3	0.011	5.0	49.2	121.5	2.5			
85.0 85.0				25.8	97.4	3.1	36.8	109.4	4.8	49.2	119.0	2.0			
90.0				25.8 16.0	97.4 84.0	2.5	36.8	109.4	3.9						
90.0 95.0				10.0	04.0	2.0	23.7	93.0	3.9						
99.0							15.4	81.5	2.6						



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
23.3	78.0	146.5	12.4												
24.0	77.5	146.4	12.4												
26.0	76.1	145.9	12.3												
28.0	74.7	145.4	12.0												
30.0	73.4	144.8	11.7												
32.0	72.0	144.1	10.8												
34.0	70.6	143.4	10.0												
35.7				73.0	144.1	11.7									
36.0	69.1	142.7	9.4	72.8	144.0	11.7									
38.0	67.7	141.9	8.7	71.4	143.4	11.6									
40.0	66.2	141.0	8.1	70.0	142.6	11.3									
42.0	64.8	140.1	7.5	68.5	141.9	11.1									
44.0	63.3	139.1	7.0	67.1	141.0	10.9									
46.0	61.8	138.0	6.6	65.6	140.1	10.5									
48.0	60.3	136.9	6.2	64.2	139.2	10.1									
50.0	58.7	135.7	5.8	62.7	138.2	9.8									
55.0	54.7	132.3	4.8	58.8	135.3	8.7	65.0	138.0	9.0						
60.0	50.5	128.4	4.1	54.9	132.0	7.2	61.3	135.4	8.4						
65.0	46.0	123.9	3.4	50.6	128.1	6.1	57.4	132.4	7.6						
70.0	41.1	118.5	2.8	46.2	123.6	5.1	53.3	128.9	6.7						
75.0	35.7	112.1	2.3	41.3	118.2	4.2	49.0	124.8	6.1						
77.7										55.0	126.7	2.5			
80.0				35.9	111.9	3.5	44.4	120.0	5.4	53.5	125.3	2.2			
81.0				00.7	404.0	0.0	40.0	445.0	4.5	52.6	124.6	2.0			
85.0				29.7	104.0	3.0	40.0	115.0	4.5						
90.0				22.0	93.4	2.4	34.4	108.3	3.7						
95.0							28.0	99.9 88.4	2.9 2.2						
100.0 101.0							19.6 17.5	88.4 85.4	2.2						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	9.5 m Plı	eza de p umín	lumín				
23.9	78.0	149.5	11.3												
24.0	77.9	149.4	11.3												
26.0	76.6	149.0	11.3												
28.0	75.3	148.5	11.0												
30.0	73.9	147.9	10.8												
32.0	72.6	147.3	10.2												
34.0	71.2	146.6	9.5												
36.0 36.6	69.9	145.9	8.9	73.0	147.0	10.6									
38.0	68.5	145.1	8.4	73.0	147.0	10.5									
40.0	67.1	144.3	7.8	70.7	145.8	10.3									
42.0	65.7	143.4	7.2	69.3	145.1	10.4									
44.0	64.3	142.4	6.7	67.9	144.3	10.0									
46.0	62.8	141.4	6.3	66.5	143.4	9.7									
48.0	61.4	140.3	5.9	65.1	142.5	9.4									
50.0	59.9	139.2	5.5	63.7	141.5	9.1									
55.0	56.1	136.0	4.5	60.0	138.8	8.4									
56.3							65.0	140.7	8.3						
60.0	52.1	132.3	3.8	56.2	135.6	6.9	62.3	138.9	8.1						
65.0	47.8	128.0	3.1	52.2	132.0	5.8	58.6	136.0	7.2						
70.0	43.3	123.0	2.5	48.0	127.7	4.9	54.8	132.6	6.4						
75.0				43.5	122.7	4.0	50.7	128.7	5.8						
80.0				38.5	116.9	3.3	46.4	124.2	5.1						
85.0				33.0	109.8	2.7	42.2	119.6	4.2						
90.0				26.4	100.9	2.2	37.2	113.5	3.4						
95.0							31.4	106.1	2.6						
99.0			1				26.0	98.7	2.0						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı	m Pluma Cab	eza de p	ıl, Punto ılumín (2 ı] Posici	316-1) 9	2.5 m Pl		lumín				
24.5	78.0	152.4	10.4												
26.0	77.0	152.1	10.4												
28.0	75.8	151.6	10.2												
30.0	74.5	151.0	10.0												
32.0	73.2	150.4	9.7												
34.0	71.9	149.8	9.1												
36.0	70.6	149.1	8.5												
37.5				73.0	149.9	9.7									
38.0	69.2	148.3	8.1	72.6	149.7	9.7									
40.0	67.9	147.5	7.5	71.3	149.0	9.6									
42.0	66.5	146.7	7.0	70.0	148.3	9.4									
44.0	65.2	145.8	6.5	68.7	147.5	9.2									
46.0	63.8	144.8	6.0	67.3	146.7	9.0									
48.0	62.4	143.7	5.6	66.0	145.8	8.8									
50.0	61.0	142.6	5.3	64.6	144.9	8.5									
55.0	57.3	139.6	4.3	61.1	142.3	8.1									
57.6							65.0	143.4	7.8						
60.0	53.5	136.1	3.6	57.5	139.2	6.8	63.3	142.2	7.8						
65.0	49.5	132.0	2.9	53.7	135.7	5.6	59.8	139.5	7.0						
70.0	45.3	127.4	2.4	49.7	131.7	4.7	56.1	136.3	6.2						
75.0				45.4	127.1	3.9	52.2	132.6	5.6						
80.0				40.8	121.6	3.1	48.1	128.4	4.9						
85.0				35.8	115.2	2.5	44.2	124.0	4.0						
90.0							39.6	118.3	3.2						
95.0							34.4	111.6	2.4						
97.0							32.1	108.5	2.1						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	5.5 m Pl	eza de p umín	lumín		_		
25.1	78.0	155.3	9.6												
26.0	77.5	155.1	9.6												
28.0	76.2	154.7	9.5												
30.0	75.0	154.1	9.3												
32.0	73.7	153.6	9.1												
34.0	72.5	152.9	8.6												
36.0	71.2	152.3	8.1												
38.0	69.9	151.5	7.7												
38.3				73.0	152.7	8.9									
40.0	68.6	150.8	7.3	71.9	152.2	8.8									
42.0	67.3	149.9	6.7	70.7	151.5	8.7									
44.0	66.0	149.1	6.2	69.4	150.7	8.5									
46.0	64.7	148.1	5.7	68.1	149.9	8.3									
48.0	63.3	147.1	5.3	66.8	149.1	8.2									
50.0	62.0	146.1	5.0	65.5	148.2	7.9									
55.0	58.5	143.2	4.1	62.1	145.7	7.5									
58.8							65.0	146.2	7.3						
60.0	54.8	139.8	3.3	58.6	142.8	6.6	64.2	145.6	7.2						
65.0	51.1	136.0	2.6	55.0	139.5	5.4	60.8	142.9	6.8						
70.0				51.2	135.6	4.5	57.3	139.9	6.0						
75.0				47.2	131.2	3.7	53.6	136.4	5.3						
80.0				42.9	126.2	2.9	49.7	132.4	4.6						
85.0				38.2	120.2	2.3	46.1	128.2	3.7						
90.0							41.7	123.0	2.8						
95.0							37.0	116.8	2.1						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

	88° Án	gulo de principa	pluma l		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín		_		
25.8	78.0	158.3	8.9												
26.0	77.9	158.2	8.9												
28.0	76.7	157.8	8.9												
30.0	75.4	157.2	8.7												
32.0	74.2	156.7	8.6												
34.0	73.0	156.1	8.3												
36.0	71.8	155.4	7.8												
38.0	70.5	154.7	7.3												
39.2				73.0	155.6	8.3									
40.0	69.3	154.0	7.0	72.5	155.3	8.2									
42.0	68.0	153.2	6.5	71.3	154.7	8.2									
44.0	66.8	152.3	6.0	70.0	154.0	8.0									
46.0	65.5	151.4	5.5	68.8	153.2	7.8									
48.0	64.2	150.5	5.1	67.5	152.4	7.6									
50.0	62.9	149.5	4.7	66.3	151.5	7.5									
55.0	59.5	146.7	3.9	63.0	149.1	7.0									
60.0	56.1	143.5	3.1	59.7	146.3	6.5									
60.1							65.0	148.9	6.8						
65.0	52.5	139.8	2.4	56.2	143.1	5.3	61.8	146.4	6.6						
70.0				52.6	139.5	4.4	58.4	143.5	5.8						
75.0				48.8	135.3	3.6	54.9	140.1	5.1						
80.0				44.8	130.5	2.8	51.2	136.3	4.3						
85.0				40.4	125.0	2.2	47.7	132.4	3.4						
90.0							43.7	127.4	2.6						
93.0							41.0	124.1	2.1						



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	al, Punto dumín (1 n] Posici	916-1) 3:	2.5 m Pli	eza de p umín	lumín				
12.0	78.0	93.7	36.5												
13.0	76.1	93.5	36.0												
14.0	74.3	93.2	35.0												
16.0	70.6	92.5	33.1												
18.0	66.8	91.7	30.9												
19.9				73.0	92.5	31.9									
20.0	62.9	90.7	28.8	72.8	92.4	31.9									
22.0	58.8	89.5	26.4	69.1	91.7	30.9									
24.0	54.5	88.2	23.9	65.2	90.8	29.4									
26.0	50.0	86.6	22.1	61.2	89.8	28.1									
28.0	45.1	84.7	20.5	57.1	88.5	26.6									
30.0	39.8	82.4	19.2	52.7	87.1	25.4									
32.0 32.2	33.8	79.7	18.0	48.1	85.4	24.0	65.0	89.1	26.3						
34.0	26.6	76.1	17.1	43.0	83.3	22.5	61.5	88.1	25.8						
36.0	16.5	70.7	16.1	37.5	80.9	21.2	57.4	86.9	24.5						
38.0	10.5	70.7	10.1	31.0	77.8	20.1	53.0	85.5	23.2						
40.0				23.0	73.7	18.8	48.4	83.8	22.2						
41.0				17.7	70.9	18.1	40.4	00.0	22.2						
42.0					7 0.0	10.1	43.4	81.8	21.1						
44.0							37.9	79.4	20.2						
46.0							31.6	76.4	19.5						
46.7										55.0	82.4	16.4			
48.0							23.7	72.4	18.7	52.4	81.6	17.1			
49.0							18.6	69.7	18.4						
50.0										47.8	79.8	16.2			
55.0										34.0	73.8	15.0			
59.0										16.9	65.1	13.8			
71.3													35.0	62.2	5.9
75.0													23.1	56.2	5.3
76.0	1	1		I									17.8	53.4	5.1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	al, Punto dumín (1 n] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín				
12.6	78.0	96.7	32.5												
13.0	77.3	96.6	32.5												
14.0	75.7	96.3	31.8												
16.0	72.3	95.7	29.8												
18.0	68.9	95.0	28.3												
20.0	65.3	94.1	26.2	70.0	05.0	00.0									
20.8 22.0	61.7	93.0	24.8	73.0 70.9	95.3 94.9	28.2 27.8									
24.0	57.9	93.0	24.8	70.9 67.4	94.9 94.1	26.5									
26.0	54.0	90.4	21.3	63.9	93.2	25.2									
28.0	49.8	88.8	20.0	60.2	92.1	24.2									
30.0	45.4	86.9	18.7	56.3	90.8	23.1									
32.0	40.6	84.7	17.5	52.3	89.3	22.2									
33.5							65.0	91.8	24.3						
34.0	35.2	82.1	16.5	48.1	87.6	21.1	64.1	91.5	24.3						
36.0	29.0	78.8	15.7	43.5	85.6	20.0	60.5	90.5	23.6						
38.0	21.1	74.3	14.8	38.5	83.2	19.0	56.6	89.2	22.6						
39.0	15.7	71.1	14.4												
40.0				32.8	80.3	18.1	52.6	87.7	21.4						
42.0				26.1	76.7	17.1	48.4	86.0	20.5						
44.0				16.9	71.3	16.1	43.9	84.0	19.6						
46.0 48.0							38.9 33.3	81.7 78.9	18.8						
48.0 48.4							33.3	78.9	18.1	55.0	84.9	15.4			
50.0							26.6	75.3	17.4	55.0 52.1	83.8	15.4			
52.0							17.7	70.1	16.7	J4. I	03.0	13.0			
55.0							17.7	'0.1	10.7	40.7	78.9	14.4			
60.0							Ī			25.6	71.0	13.3			
62.0										16.1	65.5	12.8			
73.7	<u></u>												35.0	63.9	5.1
75.0													32.9	62.8	5.0
79.0													16.9	53.8	4.3



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

Valor de vuelco: 3 - Blocked Crawlers
Lastre trasero [t]: 114.0
Lastre central [t]: 52.6

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	II, Punto Iumín (1: n] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
13.2	78.0	99.6	29.5												
14.0	76.8	99.4	29.5												
16.0	73.7	98.8	27.8												
18.0	70.6	98.2	26.0												
20.0	67.4	97.4	24.5												
21.7				73.0	98.2	25.5									
22.0	64.1	96.4	22.9	72.5	98.1	25.5									
24.0	60.7	95.3	21.7	69.3	97.4	24.4									
26.0	57.2	94.1	20.4	66.1	96.5	23.2									
28.0	53.5	92.7	19.3	62.7	95.5	22.4									
30.0	49.7	91.1	18.5	59.3	94.4	21.5									
32.0	45.6	89.2	17.3	55.7	93.1	20.6									
34.0	41.2	87.0	16.2	52.0	91.6	19.9									
34.7							65.0	94.5	21.6						
36.0	36.4	84.4	15.3	48.1	89.8	19.0	63.0	93.9	22.6						
38.0	30.9	81.3	14.6	43.9	87.8	18.1	59.6	92.8	22.0						
40.0	24.3	77.4	13.9	39.3	85.5	17.3	56.0	91.5	21.1						
42.0	15.1	71.5	13.1	34.3	82.8	16.6	52.3	90.0	20.2						
44.0				28.4	79.4	15.8	48.4	88.3	19.4						
46.0				21.0	74.9	15.0	44.2	86.3	18.5						
47.0				16.2	71.7	14.6									
48.0							39.7	84.0	17.7						
50.0							34.7	81.3	17.1						
50.2							47.0	70.0	45.5	55.0	87.4	14.5			
55.0							17.0	70.6	15.5	45.8	83.3	14.2			
60.0										33.9	77.2	13.1			
65.0										15.5	65.9	12.0	25.0	05.0	4.7
76.2 80.0													35.0 25.0	65.6 59.8	4.7 4.1
80.0 82.0													25.0 16.2	59.8 54.2	3.9
8∠.∪													10.2	54.2	3.9

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N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 i		eza de p	il, Punto lumín (1 n] Posici	916-1) 4	1.5 m Pli	eza de p umín	lumín				
13.8	78.0	102.5	26.7												
14.0	77.8	102.5	26.7												
16.0	74.9	102.0	25.5												
18.0	72.0	101.4	24.0												
20.0	69.1	100.6	22.8												
22.0	66.1	99.8	21.3												
22.5				73.0	101.1	22.9									
24.0	63.0	98.8	20.1	70.9	100.6	22.5									
26.0	59.9	97.7	19.1	67.9	99.8	21.6									
28.0	56.6	96.4	18.1	64.9	98.9	20.6									
30.0	53.2	94.9	17.2	61.7	97.8	19.9									
32.0	49.6	93.3	16.5	58.5	96.7	19.0									
34.0	45.8	91.4	15.6	55.2	95.3	18.2									
36.0	41.8	89.3	14.8	51.7	93.8	17.6	65.0	97.2	19.3						
38.0	37.4	86.8	14.1	48.1	92.1	16.8	62.0	96.2	20.1						
40.0	32.4	83.8	13.5	44.2	90.1	16.0	58.8	95.0	19.5						
42.0	26.7	80.2	12.8	40.0	87.8	15.3	55.5	93.7	18.7						
44.0	19.4	75.3	12.2	35.4	85.2	14.7	52.0	92.2	17.9						
45.0	16.3	73.2	8.9	30.2	00.0	444	48.4	90.5	47.0						
46.0 48.0				24.0	82.0 77.9	14.1 13.4	48.4	90.5 88.5	17.3 16.5						
50.0				24.0 15.5	77.9 72.1	13.4	44.5 40.4	86.3	15.8						
50.0 51.9				15.5	72.1	12.7	40.4	86.3	15.8	55.0	89.8	13.7			
51.9 55.0							27.8	78.7	14.3	49.7	89.8 87.4	13.7			
58.0							16.3	71.0	13.4	43.7	07.4	13.0			
60.0							10.5	7 1.0	10.4	39.8	82.3	12.6			
65.0										26.9	74.4	11.7			
68.0										16.6	67.5	10.3			
78.6										10.0	07.0	10.0	35.0	67.3	4.0
80.0													33.0	66.1	3.8
85.0													15.6	54.6	3.2



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 4	4.5 m Plı	eza de p umín	lumín				
14.5	78.0	105.5	24.3												
16.0	76.0	105.1	23.8												
18.0	73.3	104.5	22.5												
20.0	70.6	103.8	21.1												
22.0	67.8	103.0	20.0	70.0	104.0	20.8									
23.4 24.0	65.0	102.1	18.8	73.0 72.2	104.0	20.8									
24.0 26.0	62.1	102.1	18.8	72.2 69.5	103.8	20.8									
28.0	59.1	99.9	17.9	66.7	103.0	19.4									
30.0	56.0	98.6	16.2	63.8	101.2	18.5									
32.0	52.8	97.2	15.6	60.9	100.2	17.8									
34.0	49.5	95.5	15.0	57.9	98.9	17.0									
36.0	46.0	93.7	14.3	54.8	97.6	16.3									
37.3							65.0	99.9	18.6						
38.0	42.2	91.5	13.6	51.5	96.0	15.8	64.0	99.6	18.5						
40.0	38.2	89.1	13.0	48.1	94.3	15.1	61.1	98.5	18.0						
42.0	33.7	86.3	12.5	44.5	92.3	14.4	58.1	97.3	17.4						
44.0	28.6	82.9	12.0	40.6	90.1	13.7	55.0	96.0	16.7						
46.0	22.5	78.6	11.4	36.4	87.5	13.2	51.8	94.5	16.1						
48.0	15.7	73.6	8.1	31.7	84.5	12.6	48.4	92.7	15.6						
50.0 53.0				26.3 16.6	80.8 73.7	12.0 9.8	44.8	90.8	14.8						
53.0 53.6				16.6	13.1	9.8				55.0	92.3	13.0			
55.0							34.5	84.6	13.4	52.9	91.3	13.6			
60.0							20.1	74.6	11.9	44.3	86.8	12.5			
61.0							15.7	71.4	11.6	7-7.5	00.0	12.0			
65.0										33.9	80.5	11.5			
70.0										19.0	70.1	10.2			
71.0										16.0	67.9	9.5			
81.1													35.0	69.1	3.5
85.0													26.4	63.2	3.0
88.0													15.0	55.0	2.6



Nº de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	7.5 m Pl		lumín				
15.1 16.0 18.0 20.0 22.0 24.3 26.0 28.0 30.0 32.0 34.0 36.0 38.5 40.0 42.0 44.0 46.0 48.0 50.0 51.0	78.0 76.9 74.4 71.9 69.3 66.7 64.0 61.3 58.5 55.6 49.4 46.1 42.6 38.9 34.8 30.2 24.9 18.1 15.2	108.4 108.2 107.6 107.0 106.3 105.4 104.5 103.4 102.2 100.9 99.4 97.8 95.9 93.8 91.4 88.7 85.5 81.5 76.3 73.9	21.6 21.5 20.4 19.4 18.5 17.7 17.0 16.5 15.7 15.0 14.5 13.9 13.2 12.6 12.0 11.5 11.0 10.5	73.0 70.8 68.2 65.6 62.9 60.1 57.3 54.4 51.3 48.1 44.7 41.1 37.3 33.0	106.8 106.2 105.5 104.6 102.5 101.2 99.8 98.3 96.5 94.6 92.4 89.9 87.0	18.7 18.5 18.0 17.4 16.5 15.9 15.5 15.1 14.5 14.0 13.4 13.0	65.0 63.1 60.3 57.5 54.6 51.5 48.3	102.7 102.0 100.8 99.6 98.2 96.7 95.0	16.4 17.0 16.6 16.2 15.8 15.4						
55.0 55.3 56.0	15.2	73.9	7.4	18.8 16.0	76.4 74.2	10.9 9.3	39.5	89.7	13.6	55.0	94.7	12.3			
60.0 64.0 65.0 70.0 74.0 83.5 85.0 90.0							28.6 15.2	82.1 71.8	12.4 11.2	47.9 39.0 27.9 15.5	91.0 85.6 77.8 68.3	11.9 11.0 10.0 8.9	35.0 33.0 18.9	70.8 69.4 58.8	2.8 2.7 2.1



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa		75° Án	gulo de orincipa	pluma l		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (1 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín				
15.7 16.0 18.0 20.0 22.0 24.0 25.2	78.0 77.7 75.3 73.0 70.6 68.1	111.3 111.3 110.8 110.2 109.5	19.8 19.8 19.2 18.4 17.6	73.0	109.7	17.4									
26.0 28.0 30.0 32.0	65.7 63.1 60.5 57.9	107.8 106.8 105.7 104.5	16.5 16.1 15.7 15.0	72.0 69.6 67.1 64.6	109.4 108.7 107.9 107.0	17.4 17.1 16.8 16.4									
34.0 36.0 38.0 39.8	55.1 52.3 49.3	103.2 101.7 100.0	14.4 13.9 13.4	62.1 59.5 56.8	105.9 104.8 103.5	16.2 15.8 15.5	65.0	105.4	15.6						
40.0 42.0 44.0 46.0	46.3 43.0 39.5 35.7	98.1 96.1 93.7 91.1	12.7 12.0 11.4 10.8	54.0 51.1 48.1 44.9	102.1 100.5 98.8 96.8	15.2 14.9 14.5 13.9	64.8 62.3 59.7 57.0	105.3 104.3 103.2 101.9	16.2 16.1 15.9 15.7						
48.0 50.0 53.0 55.0 57.0	31.6 26.8 17.5	88.0 84.3 76.7	9.9 9.3	41.6 38.0 27.3	94.7 92.2 84.2	13.5 13.0 11.6	54.2 51.3 43.6	98.9 94.2	15.5 15.3 14.2	55.0	97.2	11.8			
59.0 60.0 65.0 67.0 70.0				15.5	74.6	8.3	34.4 22.2 16.2	87.9 78.4 73.4	13.1 11.7 10.7	50.9 43.1 33.8	95.0 90.2 83.8	11.8 10.9			
76.0 75.0 76.0 86.0 90.0 91.0										20.3 16.6	73.2	8.8	35.0 27.3 24.7	72.5 66.7 64.6	2.5 2.1 2.0



Nº de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	II, Punto Iumín (1: I Posici	916-1) 5	3.5 m Pl	eza de p umín	lumín				
						22.0 [11	I J POSICI	on miuia	11 (1910)		I				
16.3	78.0	114.3	18.0												
18.0	76.2	113.9	17.7												
20.0 22.0	74.0 71.7	113.3 112.7	17.0 16.2												
24.0	69.4	111.9	15.6												
26.0	67.1	111.9	15.0	73.0	112.6	15.9									
28.0	64.8	110.2	14.8	70.8	111.9	15.7									
30.0	62.3	109.2	14.5	68.5	111.5	15.4									
32.0	59.9	108.0	14.1	66.2	110.3	15.1							i		
34.0	57.4	106.8	13.6	63.8	109.3	14.8									
36.0	54.8	105.4	13.2	61.4	108.2	14.6									
38.0	52.1	103.9	12.8	58.9	107.1	14.3							İ		
40.0	49.3	102.2	12.4	56.3	105.8	14.0									
41.1							65.0	108.1	14.7						
42.0	46.4	100.4	11.7	53.7	104.3	13.8	64.0	107.7	14.7						
44.0	43.3	98.3	11.1	51.0	102.8	13.6	61.5	106.6	14.6						
46.0	40.0	96.0	10.6	48.1	101.0	13.2	59.1	105.4	14.4						
48.0	36.5	93.4	10.1	45.1	99.1	12.8	56.5	104.2	14.2						
50.0	32.7	90.5	9.6	42.0	96.9	12.4	53.9	102.7	14.0						
55.0	20.5	80.2	8.7	33.1	90.3	11.6	46.9	98.5	13.4						
56.0	17.0	77.2	8.5												
58.8										55.0	99.6	11.1			
60.0				21.0	80.2	10.0	38.9	93.0	12.6	53.5	98.8	11.4			
62.0				15.1	74.9	8.0	00.0	05.4	44.0	40.5	04.5	40.0			
65.0 70.0							29.2 15.7	85.4 73.8	11.6 9.7	46.5 38.4	94.5 89.0	10.6 9.7			
70.0 75.0							15.7	/3.8	9.7	38.4 28.6	89.0 81.2	9.7 8.6			
75.0 79.0										18.4	72.5	7.8			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו	m Pluma Cab	eza de p	II, Punto Iumín (1: 1] Posici	916-1) 5	6.5 m Plı	eza de p umín	lumín				
17.0	78.0	117.2	16.5												
18.0	76.9	117.0	16.5												
20.0	74.8	116.4	15.8												
22.0	72.7	115.8	15.1												
24.0	70.6	115.1	14.5												
26.0	68.4	114.4	14.1												
26.9				73.0	115.4	14.6									
28.0	66.2	113.5	13.8	71.8	115.1	14.6									
30.0	63.9	112.6	13.5	69.7	114.4	14.3									
32.0	61.6	111.5	13.3	67.5	113.5	14.1									
34.0	59.3	110.3	12.9	65.3	112.6	13.8									
36.0	56.9	109.1	12.5	63.0	111.7	13.5									
38.0	54.4	107.7	12.2	60.7	110.6	13.3									
40.0	51.9	106.1	11.9	58.3	109.4	13.1									
42.0	49.2	104.5	11.6	55.9	108.0	12.8	25.0	440.0	40.5						
42.4	40.5	400.0	44.0	50.4	400.0	40.0	65.0	110.8	13.5						
44.0 46.0	46.5 43.6	102.6 100.6	11.0 10.4	53.4 50.8	106.6 105.0	12.6 12.5	63.2 60.9	110.0 108.9	13.5 13.3						
46.0	43.6	98.3	9.9	48.1	105.0	12.5	58.5	108.9	13.3						
50.0	37.2	95.8	9.9	45.3	103.3	11.9	56.1	107.7	13.1						
55.0	27.6	87.7	8.5	37.5	95.6	11.2	49.7	100.4	12.6						
59.0	16.5	77.6	7.8	37.3	33.0	11.2	43.7	102.0	12.0						
60.0	10.0	17.0	7.0	28.0	87.6	10.1	42.6	97.7	12.1						
60.5				_5.0			.2.0			55.0	102.1	10.5			
64.0				17.2	77.8	9.0					-				
65.0							34.3	91.2	11.5	49.3	98.6	10.3			
70.0							23.6	82.0	10.2	42.2	93.6	9.5			
73.0							15.3	74.2	8.0						
75.0										33.4	86.7	8.4			
80.0										23.8	78.4	7.4			
82.0										17.9	73.0	7.1			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 i		eza de p	II, Punto Ilumín (19 Il Posicio	916-1) 5	9.5 m Plı	eza de p umín	lumín				
17.6	78.0	120.1	14.3												
18.0	77.7	120.0	14.3												
20.0	75.7	119.5	13.9												
22.0	73.6	119.0	13.4												
24.0	71.6	118.3	12.8												
26.0	69.5	117.6	12.4												
27.8				73.0	118.3	12.7									
28.0	67.4	116.8	12.1	72.8	118.2	12.7									
30.0	65.3	115.9	11.8	70.8	117.5	12.6									
32.0	63.1	114.9	11.6	68.7	116.8	12.3									
34.0	60.9	113.8	11.4	66.6	115.9	12.1									
36.0	58.7	112.6	11.1	64.4	115.0	11.8									
38.0	56.4	111.3	10.9	62.2	114.0	11.6									
40.0	54.0	109.8	10.7	60.0	112.8	11.4									
42.0	51.5	108.3	10.5	57.7	111.6	11.2									
43.6							65.0	113.5	11.6						
44.0	49.0	106.6	10.2	55.4	110.2	11.0	64.6	113.4	11.6						
46.0	46.3	104.7	9.7	53.0	108.7	10.9	62.4	112.3	11.6						
48.0	43.5	102.6	9.2	50.5	107.1	10.7	60.2	111.2	11.4						
50.0	40.6 32.3	100.4	8.8	47.9 40.9	105.3 100.1	10.5	57.9 51.9	110.0 106.4	11.3 10.9						
55.0 60.0	21.4	93.4 83.2	7.9 7.2	40.9 32.7	93.2	10.1 9.5	51.9 45.4	106.4	10.9						
62.0	17.2	79.2	7.2 5.5	32.7	93.2	9.5	45.4	101.8	10.6						
62.2	17.2	19.2	0.0							55.0	104.6	9.9			
65.0				21.9	83.2	8.4	38.0	96.1	10.4	51.6	104.0	9.7			
67.0				15.7	77.1	7.9	30.0	30. I	10.4	31.0	102.4	9.1			
70.0				13.7	11.1	1.5	29.1	88.3	9.7	45.0	97.8	9.0			
75.0							16.2	76.0	8.6	37.6	92.0	8.1			
80.0							10.2	70.0	0.0	29.8	85.2	7.2			
85.0										17.5	73.5	6.3			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0		eza de p	lumín (1	916-1) 6	2.5 m Pl	eza de p umín	lumín				
				•		31.0 [m	n] Posici	on midta	II (1916)	•					
18.3	78.0	123.1	13.1												
20.0	76.4	122.6	12.9												
22.0	74.4	122.1	12.3												
24.0	72.5	121.5	11.8												
26.0	70.6	120.8	11.5												
28.0	68.6	120.0	11.2												
28.7		4400	40.0	73.0	121.2	11.6									
30.0 32.0	66.6 64.5	119.2 118.2	10.9 10.7	71.7 69.8	120.7 120.0	11.6 11.3									
32.0 34.0	62.5	118.2	10.7	67.8	120.0	11.3									
36.0	60.4	116.1	10.3	65.8	118.3	10.9									
38.0	58.2	114.9	10.3	63.7	117.3	10.9									
40.0	56.0	113.5	9.9	61.6	116.3	10.7									
42.0	53.7	112.1	9.8	59.5	115.1	10.3									
44.0	51.4	110.5	9.7	57.3	113.1	10.1									
44.9	31.4	110.5	5.1	37.0	110.0	10.1	65.0	116.3	10.6						
46.0	48.9	108.8	9.4	55.1	112.5	10.0	63.9	115.7	10.6						
48.0	46.4	106.9	9.0	52.8	111.0	9.8	61.8	114.6	10.5				i		
50.0	43.8	104.9	8.6	50.4	109.3	9.7	59.6	113.5	10.3				i		
55.0	36.5	98.8	7.7	44.0	104.6	9.4	54.1	110.1	10.0						
60.0	27.7	90.6	7.0	36.8	98.6	9.1	48.1	106.0	9.7						
63.9										55.0	107.0	9.4			
65.0	16.8	79.6	4.5	28.1	90.5	8.3	41.5	100.8	9.5	53.8	106.2	9.4			
70.0				15.3	77.5	7.3	33.8	94.2	9.3	47.8	102.0	8.8			
75.0							24.1	84.9	8.5	41.1	96.8	8.0			
78.0							15.8	76.4	7.9						
80.0										34.3	90.9	7.0			
85.0										24.9	81.9	6.2			
88.0										17.0	73.9	5.7			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 6	5.5 m Pli	eza de p umín	lumín				
18.9	78.0	126.0	11.9												
20.0	77.0	125.7	11.9												
22.0	75.2	125.2	11.4												
24.0	73.3	124.6	11.0												
26.0	71.5	124.0	10.6												
28.0	69.6	123.3	10.3												
29.6				73.0	124.0	10.6									
30.0	67.7	122.4	10.1	72.6	123.9	10.6									
32.0	65.8	121.6	9.9	70.7	123.2	10.5									
34.0	63.8	120.6	9.7	68.8	122.4	10.3									
36.0	61.9	119.5	9.5	66.9	121.6	10.1									
38.0	59.8	118.4	9.3	65.0	120.7	9.8									
40.0	57.8	117.1	9.1 8.9	63.0 61.0	119.7	9.7 9.5									
42.0 44.0	55.6 53.5	115.8 114.3	8.8	59.0	118.6 117.4	9.5									
46.0	51.2	112.8	8.6	56.9	116.1	9.3									
46.0	31.2	112.0	0.0	30.9	110.1	9.2	65.0	119.0	9.6						
48.0	48.9	111.0	8.4	54.8	114.7	9.0	63.2	118.1	9.6						
50.0	46.5	109.2	8.1	52.6	113.2	8.9	61.2	117.0	9.5						
55.0	40.0	103.7	7.3	46.7	108.9	8.5	56.0	113.8	9.1						
60.0	32.5	96.7	6.7	40.3	103.5	8.1	50.5	110.0	8.9						
65.0	22.8	86.9	6.1	32.8	96.5	7.7	44.4	105.3	8.6						
65.6										55.0	109.5	8.5			
68.0	16.4	80.0	4.2												
70.0				23.2	86.9	7.0	37.6	99.4	8.3	50.1	106.1	8.3			
73.0				17.0	80.2	5.2									
75.0							29.6	91.7	7.9	44.1	101.3	7.7			
80.0							18.5	80.2	7.3	38.0	96.1	6.7			
81.0							15.5	76.8	7.2						
85.0										30.1	88.5	5.9			
90.0										19.5	77.5	5.1			
91.0										16.6	74.3	5.0			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı		eza de p	II, Punto Ilumín (1 1] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín				
19.5	78.0	128.9	10.9												
20.0	77.6	128.8	10.9												
22.0	75.9	128.3	10.6												
24.0	74.1	127.8	10.2												
26.0	72.3	127.1	9.9												
28.0	70.6	126.5	9.7												
30.0	68.8	125.7	9.5												
30.4				73.0	126.9	9.8									
32.0	66.9	124.8	9.2	71.6	126.4	9.8									
34.0	65.1	123.9	9.0	69.8	125.7	9.6									
36.0	63.2	122.9	8.8	68.0	124.9	9.4									
38.0	61.3	121.9	8.7	66.2	124.0	9.2									
40.0	59.3	120.7	8.5	64.3	123.1	9.0									
42.0	57.4	119.4	8.3	62.4	122.0	8.9									
44.0	55.3	118.1	8.1	60.5	120.9	8.7									
46.0	53.2	116.6	7.9	58.5	119.7	8.5	05.0	404 7							
47.4	54.4	445.0	7.8	50.5	118.4	8.4	65.0	121.7 121.4	8.8 8.8						
48.0 50.0	51.1 48.9	115.0 113.3	7.8	56.5 54.5	118.4	8.4	64.5 62.6	121.4	8.8						
55.0	43.0	108.3	7.0	49.1	117.0	7.9	57.7	117.4	8.5						
60.0	36.3	100.3	6.5	43.2	108.0	7.4	52.5	113.9	8.1						
65.0	28.3	94.0	5.9	36.5	101.9	7.0	47.0	109.5	7.9						
67.4	20.3	34.0	5.9	30.3	101.9	7.0	47.0	109.5	1.5	55.0	111.9	7.8			
70.0	17.2	81.7	5.3	28.6	93.9	6.6	40.8	104.2	7.5	52.2	109.9	7.8			
71.0	16.0	80.4	3.9	20.0	00.0	0.0	10.0			02.2	100.0	7.0			
75.0	10.0	00.1	0.0	17.7	81.9	6.2	33.8	97.5	7.3	46.6	105.6	7.5			
76.0				16.6	80.6	4.6				1					
80.0							25.1	88.4	6.9	40.5	100.2	6.6			
84.0							15.1	77.1	6.7						
85.0										34.3	94.2	5.7			
90.0										25.8	85.4	5.0			
94.0										16.2	74.7	4.4			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı		eza de p	II, Punto Ilumín (1 1] Posici	916-1) 7	1.5 m Pli	eza de p umín	lumín				
20.1	78.0	131.9	9.9												
22.0	76.5	131.4	9.7												
24.0	74.8	130.9	9.3												
26.0	73.1	130.3	9.0												
28.0	71.4	129.6	8.8												
30.0	69.7	128.9	8.6												
31.3				73.0	129.8	8.9									
32.0	68.0	128.1	8.4	72.4	129.6	8.9									
34.0	66.2	127.2	8.2	70.7	128.9	8.7									
36.0	64.4	126.3	8.1	69.0	128.1	8.6									
38.0	62.6	125.3	7.9	67.2	127.3	8.4									
40.0	60.8	124.2	7.8	65.5	126.4	8.2									
42.0	58.9 57.0	123.0 121.7	7.6 7.5	63.7 61.9	125.4 124.3	8.1 7.9									
44.0 46.0	55.0	121.7	7.5	60.0	124.3	7.9									
48.0	53.0	118.8	7.2	58.1	123.2	7.7									
48.7	33.0	110.0	1.2	36.1	122.0	1.1	65.0	124.4	8.0						
50.0	51.0	117.2	7.1	56.2	120.7	7.5	63.8	123.8	8.0						
55.0	45.5	112.7	6.6	51.2	116.9	7.2	59.2	121.0	7.7				i		
60.0	39.5	107.1	6.1	45.7	112.4	6.9	54.4	117.6	7.4						
65.0	32.6	100.1	5.7	39.7	106.8	6.6	49.2	113.6	7.2						
69.1										55.0	114.4	7.0			
70.0	23.9	90.5	5.1	32.8	99.9	6.4	43.6	108.7	7.0	54.1	113.7	7.0	i		
74.0	15.7	80.8	3.6												
75.0				24.3	90.4	5.9	37.3	102.7	6.8	48.9	109.7	6.9			
79.0				16.2	81.0	4.7									
80.0							29.9	95.0	6.5	43.3	104.7	6.3			
85.0							20.3	84.1	6.2	37.7	99.4	5.5			
87.0							16.7	79.8	5.5						
90.0										30.4	91.9	4.7			
95.0										21.1	81.3	4.0			
97.0										15.9	75.2	3.8			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de principa			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו						eza de p	lumín				
					Cab		lumín (1 1] Posici			umin					
20.8	78.0	134.8	9.0												
22.0	77.0	134.5	9.0												
24.0	75.4	134.0	8.6												
26.0	73.8	133.4	8.3												
28.0	72.2	132.8	8.1												
30.0	70.6	132.1	7.9												
32.0	68.9	131.3	7.8												
32.2				73.0	132.6	8.1									
34.0	67.2	130.5	7.6	71.5	132.0	8.1									
36.0	65.5	129.6	7.4	69.9	131.3	7.9									
38.0	63.8	128.7	7.3	68.2	130.5	7.7									
40.0	62.1	127.6	7.2	66.5	129.7	7.6									
42.0	60.3	126.5	7.1	64.8	128.8	7.4									
44.0	58.5	125.3	6.9	63.1	127.7	7.3									
46.0	56.6	124.0	6.8	61.3	126.7	7.2									
48.0	54.8	122.6	6.7	59.6	125.5	7.1									
50.0	52.8	121.1	6.6	57.7	124.3	6.9	65.0	127.1	7.2						
55.0	47.8	116.8	6.3	53.0	120.7	6.7	60.6	124.5	7.1						
60.0	42.3	111.7	5.8	48.0	116.5	6.5	56.0	121.3	6.8						
65.0	36.1	105.5	5.4	42.5	111.5	6.3	51.2	117.6	6.6						
70.0	28.8	97.4	5.0	36.3	105.2	6.1	46.0	113.0	6.5						
70.8										55.0	116.8	6.4			
75.0	19.0	85.8	4.5	29.1	97.3	5.7	40.3	107.6	6.3	50.9	113.6	6.3			
77.0	15.3	81.2	3.4												
80.0				19.5	85.9	5.3	33.8	100.8	6.2	45.7	109.1	6.2			
82.0				15.9	81.4	4.3			5.0	40.0	404.0	- 1			
85.0							25.9	91.9	5.9	40.6	104.2	5.4			
90.0 95.0							16.3	80.3	5.2	34.2 26.5	97.6 88.9	4.7 4.0			
												3.4			
100.0										15.5	75.6	3.4			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (1: ı l Posici	916-1) 7	7.5 m Pli	eza de p umín	lumín				
L						34.0 [11	i j Posici	Jii iiilula	11 (1910)						
21.4 22.0	78.0 77.5	137.7 137.6	8.1 8.1												
24.0	76.0	137.0	7.9												
26.0	74.5	136.6	7.9												
28.0	72.9	136.0	7.4												
30.0	71.3	135.3	7.2												
32.0	69.8	134.6	7.1												
33.1	00.0	101.0	7	73.0	135.5	7.3									
34.0	68.2	133.8	6.9	72.3	135.2	7.3									
36.0	66.5	132.9	6.7	70.7	134.5	7.2									
38.0	64.9	132.0	6.6	69.1	133.8	7.0									
40.0	63.2	131.0	6.5	67.5	132.9	6.9									
42.0	61.6	129.9	6.4	65.9	132.1	6.7									
44.0	59.9	128.8	6.2	64.2	131.1	6.6									
46.0	58.1	127.6	6.1	62.6	130.1	6.5									
48.0	56.3	126.2	6.0	60.9	129.0	6.4									
50.0	54.5	124.8	5.9	59.1	127.8	6.2									
51.2							65.0	129.8	6.4						
55.0	49.8	120.9	5.7	54.7	124.5	5.9	61.9	127.9	6.3						
60.0	44.7	116.1	5.3	50.0	120.5	5.7	57.5	124.9	6.1						
65.0	39.1	110.4	5.0	44.9	115.8	5.5	53.0	121.4	5.9						
70.0	32.6	103.4	4.7	39.3	110.2	5.4	48.1	117.2	5.7	55.0	119.3	5.6			
72.5 75.0	24.8	94.0	4.2	32.9	103.2	5.2	42.9	112.2	5.6	55.0 52.7	119.3 117.5	5.6			
80.0	15.0	94.0 81.6	3.2	32.9 25.1	94.0	4.9	42.9 37.0	106.1	5.6	52.7 47.8	117.5	5.5			
85.0	10.0	01.0	3.2	15.6	94.0 81.8	3.8	30.2	98.4	5.4	42.6	108.2	5.5			
90.0				13.0	01.0	3.0	21.6	96. 4 87.9	5.2	37.4	108.2	4.4			
93.0							16.0	80.7	4.7	31.4	102.7	4.4			
95.0							10.0	00.7	4.7	30.7	95.2	3.7			
100.0										22.3	85.0	3.1			
103.0										15.2	76.0	2.8			



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 8	0.5 m Pli		lumín				
22.0	78.0	140.7	7.4												
24.0	76.5	140.2	7.3												
26.0	75.1	139.7	7.0												
28.0	73.6	139.1	6.8												
30.0	72.1	138.5	6.6												
32.0	70.6	137.8	6.5												
33.9				73.0	138.4	6.6									
34.0	69.0	137.0	6.3	73.0	138.4	6.6									
36.0	67.5	136.2	6.2	71.5	137.7	6.6									
38.0	65.9	135.3	6.0	69.9	137.0	6.4									
40.0	64.3	134.4	5.9	68.4	136.2	6.3									
42.0	62.7	133.3	5.8	66.8	135.4	6.1									
44.0	61.1	132.2	5.7	65.3	134.4	6.0									
46.0	59.4	131.1	5.5	63.7	133.5	5.9									
48.0	57.8	129.8	5.4	62.1	132.4	5.7									
50.0	56.0	128.5	5.3	60.4	131.3	5.6									
52.5							65.0	132.6	5.8						
55.0	51.6	124.8	5.1	56.2	128.1	5.4	63.0	131.3	5.8						
60.0	46.8	120.4	4.9	51.7	124.4	5.2	58.9	128.5	5.5						
65.0	41.7	115.1	4.6	47.0	120.1	5.0	54.6	125.1	5.3						
70.0	35.9	108.8	4.4	41.9	114.9	4.8	50.0	121.2	5.1						
74.3										55.0	121.8	5.0			
75.0	29.1	100.8	4.1	36.1	108.6	4.7	45.2	116.5	5.0	54.3	121.2	5.0			
80.0	20.5	89.7	3.6	29.4	100.6	4.5	39.8	111.0	4.8	49.8	117.2	4.9			
82.0	15.8	83.4	3.5												
85.0				20.9	89.7	4.3	33.8	104.1	4.7	44.9	112.5	4.8			
88.0				15.3	82.2	3.3									
90.0							26.6	95.4	4.7	40.1	107.6	4.2			
95.0							16.7	82.4	4.7	34.2	100.9	3.6			
96.0							15.7	81.1	4.2						
100.0										27.1	92.3	3.0			
105.0										17.5	79.9	2.4			



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		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ו		eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 8	3.5 m Pli	eza de p umín	lumín				
22.6	78.0	143.6	6.6												
24.0	77.0	143.3	6.6												
26.0	75.6	142.8	6.4												
28.0	74.2	142.2	6.2												
30.0	72.7	141.6	6.0												
32.0	71.3	141.0	5.9												
34.0	69.8	140.2	5.7												
34.8				73.0	141.2	5.9									
36.0	68.3	139.4	5.6	72.1	140.9	5.9									
38.0	66.8	138.6	5.5	70.7	140.2	5.8									
40.0	65.3	137.7	5.3	69.2	139.4	5.7									
42.0	63.8	136.7	5.2	67.7	138.6	5.6									
44.0	62.2	135.7	5.1	66.2	137.7	5.4									
46.0	60.7	134.6	5.0	64.7	136.8	5.3									
48.0	59.1 57.4	133.4 132.1	4.9 4.8	63.2 61.6	135.8 134.7	5.2									
50.0	57.4	132.1	4.8	61.6	134.7	5.1	05.0	405.0	5.0						
53.8 55.0	53.2	128.6	4.6	57.6	131.7	4.9	65.0 64.1	135.3 134.7	5.2 5.2						
60.0	48.7	124.5	4.6	53.4	128.2	4.9	60.1	134.7	5.2						
65.0	43.9	119.6	4.4	48.9	124.1	4.5	56.0	128.8	4.8						
70.0	38.7	113.8	4.0	44.1	119.3	4.3	51.8	125.1	4.6						
75.0	32.7	106.7	3.8	38.9	113.5	4.1	47.2	120.7	4.4						
76.0	52.7	100.7	0.0	50.9	113.5	7.1	77.2	120.7	7.7	55.0	124.2	4.4			
80.0	25.5	97.5	3.4	32.9	106.5	4.0	42.3	115.6	4.3	51.5	121.2	4.3			
85.0	15.5	83.8	3.0	25.8	97.4	3.8	36.8	109.4	4.2	46.9	116.8	4.3			
90.0	1			16.0	84.0	3.6	30.5	101.7	4.1	42.0	111.6	3.9			
95.0							22.7	91.5	4.0	37.1	106.1	3.3			
99.0							15.4	81.5	3.5						
100.0										30.9	98.6	2.7			
105.0										23.3	88.6	2.1			
106.0										21.4	86.1	2.0			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	m Pluma Cab	eza de p	II, Punto Iumín (1 I Posici	916-1) 8	6.5 m Plı	eza de p umín	lumín				
23.3	78.0	146.5	6.0												
24.0	77.5	146.4	6.0												
26.0	76.1	145.9	5.8												
28.0	74.7	145.4	5.7												
30.0	73.4	144.8	5.6												
32.0	72.0	144.1	5.4												
34.0	70.6	143.4	5.3												
35.7				73.0	144.1	5.4									
36.0	69.1	142.7	5.2	72.8	144.0	5.4									
38.0	67.7	141.9	5.0	71.4	143.4	5.3									
40.0	66.2	141.0	4.9	70.0	142.6	5.2									
42.0	64.8	140.1	4.8	68.5	141.9	5.1									
44.0	63.3	139.1	4.7	67.1	141.0	5.0									
46.0	61.8	138.0	4.6	65.6	140.1	4.9									
48.0	60.3	136.9	4.5	64.2	139.2	4.8									
50.0	58.7	135.7	4.4	62.7	138.2	4.7									
55.0	54.7	132.3	4.2	58.8	135.3	4.5	65.0	138.0	4.7						
60.0	50.5	128.4	4.1	54.9	132.0	4.2	61.3	135.4	4.5						
65.0	46.0	123.9	3.8	50.6	128.1	4.1	57.4	132.4	4.4						
70.0	41.1	118.5	3.6	46.2	123.6	3.9	53.3	128.9	4.2						
75.0	35.7	112.1	3.5	41.3	118.2	3.7	49.0	124.8	4.0						
77.7										55.0	126.7	3.9			
80.0	29.5	104.1	3.2	35.9	111.9	3.6	44.4	120.0	3.9	53.1	125.0	3.9			
85.0	21.6	93.4	2.9	29.7	104.0	3.4	39.4	114.3	3.7	48.8	120.8	3.8			
88.0	15.2	84.2	2.7												
90.0				22.0	93.4	3.2	33.8	107.5	3.6	44.2	116.0	3.7			
93.0				15.7	84.4	3.1									
95.0							27.1	98.8	3.5	39.7	110.9	3.2			
100.0							18.4	86.6	3.4	34.1	104.2	2.6			
102.0							15.1	81.9	2.9						
105.0	1									27.6	95.7	2.0			



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 r	m Pluma Cab	eza de p	il, Punto lumín (1 n] Posici	916-1) 8	9.5 m Pl		lumín				
23.9	78.0	149.5	5.3												
24.0	77.9	149.4	5.3												
26.0	76.6	149.0	5.2							•					
28.0	75.3	148.5	5.1												
30.0	73.9	147.9	4.9												
32.0	72.6	147.3	4.8												
34.0	71.2	146.6	4.6												
36.0	69.9	145.9	4.5												
36.6				73.0	147.0	4.7									
38.0	68.5	145.1	4.4	72.0	146.5	4.7									
40.0	67.1	144.3	4.3	70.7	145.8	4.6									
42.0	65.7	143.4	4.2	69.3	145.1	4.5									
44.0	64.3 62.8	142.4 141.4	4.1 4.0	67.9 66.5	144.3 143.4	4.4 4.3				ł					
46.0 48.0	61.4	141.4	3.9	65.1	143.4	4.3									
50.0	59.9	139.2	3.8	63.7	142.5	4.1									
55.0	56.1	136.0	3.6	60.0	138.8	3.8				i					
56.3	30.1	130.0	3.0	00.0	130.0	3.0	65.0	140.7	4.0	i					
60.0	52.1	132.3	3.4	56.2	135.6	3.6	62.3	138.9	3.9	i					
65.0	47.8	128.0	3.3	52.2	132.0	3.5	58.6	136.0	3.7						
70.0	43.3	123.0	3.1	48.0	127.7	3.3	54.8	132.6	3.6						
75.0	38.3	117.1	2.9	43.5	122.7	3.1	50.7	128.7	3.4						
79.4										55.0	129.1	3.3			
80.0	32.8	110.0	2.8	38.5	116.9	3.0	46.4	124.2	3.3	54.5	128.7	3.3			
85.0	26.1	101.0	2.5	33.0	109.8	2.9	41.7	119.0	3.1	50.5	124.8	3.2			
90.0	17.3	88.1	2.3	26.4	100.9	2.7	36.6	112.7	3.0	46.1	120.3	3.1			
91.0	16.5	86.9	2.0							l					
95.0				17.7	88.3	2.6	30.7	105.1	2.9	41.4	115.0	2.9			
96.0				15.4	84.8	2.6									
100.0							23.6	95.1	2.8	36.9	109.4	2.3			
102.0										34.7	106.6	2.1			
104.0							15.8	83.6	2.8						



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 9:	2.5 m Pl	eza de p umín	lumín				
24.5	78.0	152.4	4.8												
26.0	77.0	152.1	4.7	1											
28.0	75.8	151.6	4.6												
30.0	74.5	151.0	4.4												
32.0	73.2	150.4	4.3												
34.0	71.9	149.8	4.2												
36.0	70.6	149.1	4.0												
37.5				73.0	149.9	4.2									
38.0	69.2	148.3	3.9	72.6	149.7	4.2									
40.0	67.9	147.5	3.8	71.3	149.0	4.1									
42.0	66.5	146.7	3.7	70.0	148.3	4.0									
44.0	65.2	145.8	3.6	68.7	147.5	3.9									
46.0	63.8	144.8	3.5	67.3	146.7	3.8									
48.0	62.4 61.0	143.7 142.6	3.4	66.0 64.6	145.8	3.7									
50.0 55.0	57.3	139.6	3.3	61.1	144.9 142.3	3.6 3.4									
	57.3	139.6	3.1	61.1	142.3	3.4	05.0	143.4	0.4						
57.6 60.0	53.5	136.1	3.0	57.5	139.2	3.1	65.0 63.3	143.4	3.4 3.4						
65.0	49.5	132.0	2.8	53.7	135.7	3.0	59.8	139.5	3.4						
70.0	45.3	127.4	2.6	49.7	131.7	2.8	56.1	136.3	3.1						
75.0	40.7	121.9	2.5	45.4	127.1	2.7	52.2	132.6	2.9						
80.0	35.6	115.4	2.4	40.8	121.6	2.6	48.1	128.4	2.8						
81.1	00.0	110.4	2.7	40.0	121.0	2.0	40.1	120.7	2.0	55.0	131.6	2.8			
85.0				35.8	115.2	2.5	43.8	123.4	2.7	52.0	128.7	2.8			
90.0				30.0	107.3	2.3	39.0	117.7	2.6	47.9	124.4	2.6			
95.0							33.7	110.8	2.5	43.5	119.4	2.6			
100.0				l			27.6	102.2	2.4	39.3	114.3	2.1			
101.0										38.3	113.0	2.0			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				59.0 ı		eza de p	il, Punto Ilumín (19 n] Posici	916-1) 9	5.5 m Pli	eza de p umín	lumín				
25.1	78.0	155.3	4.4												
26.0	77.5	155.1	4.4												
28.0	76.2	154.7	4.3												
30.0	75.0	154.1	4.1												
32.0	73.7	153.6	4.0												
34.0	72.5	152.9	3.9												
36.0	71.2	152.3	3.8												
38.0	69.9	151.5	3.7												
38.3				73.0	152.7	3.8									
40.0	68.6	150.8	3.6	71.9	152.2	3.8									
42.0	67.3	149.9	3.4	70.7	151.5	3.7									
44.0	66.0	149.1	3.3	69.4	150.7	3.6									
46.0	64.7	148.1	3.3	68.1	149.9	3.5									
48.0	63.3	147.1	3.2	66.8	149.1	3.4									
50.0	62.0	146.1	3.1	65.5	148.2	3.3									
55.0	58.5	143.2	2.9	62.1	145.7	3.1	05.0	440.0	0.0						
58.8	540	120.0	2.6	50.6	140.0	2.0	65.0	146.2	3.2						
60.0 65.0	54.8 51.1	139.8 136.0	2.6 2.5	58.6 55.0	142.8 139.5	2.9 2.7	64.2 60.8	145.6 142.9	3.2 3.0						
70.0	51.7	130.0	2.5	55.0 51.2	139.5	2.7	57.3	139.9	2.8						
75.0				47.2	135.6	2.5	57.3	139.9	2.8						
75.0 80.0				41.2	131.2	2.3	49.7	130.4	2.5						
82.9							49.7	132.4	2.5	55.0	134.0	2.5			
85.0										53.4	134.0	2.5			
90.0										49.5	128.4	2.3			



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		gulo de orincipal									gulo de orincipa		45° Ángulo de pluma principal		
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
62.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (2316-1) 38.5 m Plumín															
16.0 [m] Posición midfall (2316)															
13.3	78.0	102.6	40.8												
14.0	77.0	102.4	40.8												
16.0	73.9	101.9	36.6												
18.0	70.7	101.2	32.0												
20.0	67.5	100.4	28.4												
22.0	64.3	99.5	25.0	73.0	101.2	33.5									
24.0	60.9	98.4	22.6	69.9	100.5	32.0									
26.0	57.4	97.2	20.6	66.6	99.7	29.8									
28.0	53.7	95.8	19.0	63.3	98.7	27.6									
30.0	49.9	94.1	17.7	59.9	97.6	25.8									
32.0	45.8	92.3	16.6	56.4	96.3	23.6									
34.0	41.5	90.1	15.5	52.7	94.8	21.9	05.0		04.5						
35.5	00.7	07.0	44.0	40.0	00.4	00.4	65.0	97.4 97.2	21.5 22.0						
36.0 38.0	36.7 31.2	87.6 84.5	14.6 13.9	48.8 44.7	93.1 91.2	20.4 19.0	64.3	96.1	22.0						
40.0	24.7	80.6	13.9	44.7	89.0	17.7	60.9 57.4	94.9	20.1						
40.0	15.7	74.9	12.5	35.2	86.3	16.7	57.4	94.9	19.0						
44.0	13.7	74.9	12.5	29.5	83.0	15.8	49.9	91.9	18.2						
46.0				22.6	78.8	14.9	45.9	90.0	17.3						
47.0				18.1	76.0	14.4	40.0	30.0	17.5						
48.0				10.1	70.0	14.4	41.5	87.8	16.5						
50.0							36.7	85.3	15.9						
51.4								00.0		55.0	90.1	12.6			
55.0							20.7	75.9	14.4	48.4	87.3	12.6			
56.0	<u></u>						15.8	72.7	14.1						
60.0										37.2	81.7	11.1			
65.0										20.4	71.8	9.6			
66.0										18.6	70.6	9.3			



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		gulo de orincipal			gulo de orincipa	le pluma pal												
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]			
62.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)																		
14.0 78.0 105.5 37.8																		
16.0	75.1	105.0	35.3															
18.0	72.2	104.4	31.2															
20.0	69.3	103.7	27.8															
22.0	66.3	102.8	24.5															
22.9				73.0	104.1	31.1												
24.0	63.2	101.8	21.9	71.4	103.7	30.8												
26.0	60.0	100.7	20.1	68.4	102.9	28.9												
28.0	56.8	99.4	18.5	65.4	102.0	26.9												
30.0	53.4	98.0	17.2	62.3	101.0	25.2												
32.0	49.8	96.4	16.1	59.1	99.9	23.4												
34.0	46.0	94.5	15.1	55.8	98.6	21.5												
36.0	42.0	92.4	14.2	52.4	97.1	20.0												
36.8							65.0	100.1	20.8									
38.0	37.6	89.9	13.4	48.8	95.4	18.8	63.2	99.5	20.7									
40.0	32.7	87.0	12.7	44.9	93.5	17.5	60.0	98.4	19.5									
42.0	27.0	83.4	12.1	40.8	91.2	16.4	56.8	97.2	18.6									
44.0	19.9	78.6	11.5	36.3	88.7	15.4	53.4	95.7	17.7									
45.0	15.1	75.3	11.2	04.0	05.0	440	40.0	0.4.4	40.0									
46.0				31.2	85.6	14.6	49.8	94.1	16.9									
48.0				25.3	81.7	13.8	46.0	92.2	16.2									
50.0				17.4	76.4	13.0	42.0	90.1	15.4	0	00.5	44.0						
53.2							20.0	02.0	14.1	55.0 52.0	92.5 91.2	11.9 12.3						
55.0 59.0							30.0	83.0 73.1	14.1	52.0	91.2	12.3						
							15.1	73.1	13.0	40.5	00.5	40.7						
60.0 65.0										42.5 31.5	86.5 80.1	10.7 9.2						
69.0										31.5 17.9	71.1	9.2 8.2						



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	88° Ángulo de pluma principal			principal principal				75° Ángulo de pluma principal			65° Ángulo de pluma principal			45° Ángulo de pluma principal		
ce	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	
62.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)																
14.6	78.0	108.5	35.2													
16.0	76.1	108.1	34.5													
18.0	73.4	107.5	30.9													
20.0	70.7	106.9	27.0													
22.0	68.0	106.1	24.3													
23.8				73.0	106.9	29.0										
24.0	65.1	105.2	21.6	72.7	106.9	29.0										
26.0	62.2	104.2	19.6	70.0	106.2	27.9										
28.0	59.3	103.0	18.1	67.2	105.3	26.5										
30.0	56.2	101.7	16.8	64.3	104.4	24.6										
32.0	53.0	100.3	15.7	61.4	103.4	23.2										
34.0	49.7	98.6	14.9	58.4	102.2	21.4										
36.0	46.2	96.8	14.0	55.3	100.8	19.8										
38.0	42.4	94.7	13.1	52.1	99.3	18.5										
38.1							65.0	102.8	19.6							
40.0	38.4	92.3	12.4	48.7	97.6	17.4	62.3	101.9	19.2							
42.0	34.0	89.4	11.8	45.2	95.7	16.3	59.3	100.7	18.2							
44.0	28.9	86.1	11.3	41.4	93.5	15.3	56.2	99.4	17.3							
46.0	22.9	81.8	10.7	37.2	91.0	14.4	53.0	98.0	16.5							
48.0	16.2	76.9	7.9	32.6	88.1	13.6	49.7	96.3	15.9							
50.0				27.4	84.5	12.9	46.2	94.5	15.1							
53.0				16.8	76.8	11.8										
54.9										55.0	95.0	11.1				
55.0							36.3	88.6	13.7	55.0	95.0	11.8				
60.0							22.9	79.6	12.5	46.6	90.8	10.5				
62.0							16.3	74.7	10.8		04.7	0.4				
65.0										36.2	84.7 77.0	9.1 7.9				
70.0 72.0										24.7 17.3	77.0 71.5	7.9 7.4				



N° de ident.:9842523/95738/Pieza de articulación de pluma principal:2821-1Radio de descarga:Limited °Cabeza de pluma principal:2821-1

		gulo de orincipal			gulo de orincipa			gulo de orincipa		principal				gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
62.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)															
15.2	78.0	111.4	32.9												
16.0	77.0	111.2	32.9												
18.0	74.5	110.7	29.8												
20.0	72.0	110.0	26.5												
22.0	69.4	109.3	23.6												
24.0	66.8	108.5	21.3												
24.6				73.0	109.8	27.4									
26.0	64.1	107.5	19.3	71.3	109.3	27.0									
28.0	61.4	106.5	17.8	68.7	108.6	25.7									
30.0	58.6	105.3	16.5	66.1	107.7	24.2									
32.0	55.7	104.0	15.4	63.4	106.8	22.6									
34.0	52.7	102.5	14.4	60.6	105.7	21.4									
36.0	49.6 46.3	100.9 99.0	13.6 12.8	57.8	104.4 103.1	19.7 18.3									
38.0 39.3	46.3	99.0	12.8	54.9	103.1	18.3	65.0	105.6	18.1						
40.0	42.8	96.9	12.1	51.9	101.6	17.1	64.2	105.6	18.1						
40.0	39.1	96.9	11.4	48.7	99.9	16.1	61.4	105.2	17.9						
44.0	35.0	94.6	10.8	46.7 45.4	99.9	15.1	58.6	104.2	17.9						
46.0	30.5	88.7	10.6	41.8	95.8	14.2	55.7	103.0	16.2						
48.0	25.2	84.8	9.9	38.0	93.3	13.3	52.7	100.2	15.4						
50.0	18.5	79.6	9.4	33.8	90.5	12.7	49.6	98.6	14.9						
51.0	15.7	77.3	6.7	00.0	00.0	12.7	40.0	00.0	14.0						
55.0	.5.,		0.7	20.2	80.4	11.0	41.0	93.5	13.3						
56.0				16.2	77.3	10.7		23.0	. 5.0						
56.6										55.0	97.4	10.5			
60.0							30.5	86.4	12.2	49.9	94.9	10.1			
65.0							15.7	75.1	10.0	41.4	89.9	8.7			
70.0										31.8	83.4	7.5			
75.0										16.7	72.0	6.4			