

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		75° Án	gulo de principa	pluma I	65° Án I	gulo de orincipa	pluma I	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]
				41.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín		-		
18.9 20.0 22.0 24.0 26.0	78.0 77.0 75.3 73.6 71.8	110.9 110.7 110.2 109.6 108.9	11.9 11.8 11.3 10.9 10.5			-									
28.0 28.2 30.0 32.0 34.0	70.0 68.2 66.4 64.5	108.2 107.4 106.6 105.6	10.2 10.0 9.7 9.5	73.0 71.4 69.7 67.8	109.0 108.5 107.7 106.9	10.5 10.5 10.2 10.0									
36.0 38.0 40.0 42.0 42.8	62.6 60.7 58.7 56.7	104.6 103.5 102.3 101.0	9.3 9.1 8.9 8.6	66.0 64.1 62.2 60.3	106.0 105.1 104.1 102.9	9.7 9.5 9.4 9.2	65.0	104.3	9.5						
44.0 46.0 48.0 50.0 55.0	54.7 52.6 50.4 48.2 42.2	99.6 98.1 96.5 94.7 89.6	8.4 8.3 8.1 7.9 7.4	58.3 56.3 54.3 52.2 46.6	101.7 100.4 99.0 97.4 93.1	8.9 8.7 8.5 8.4 7.9	63.8 61.9 60.0 58.0 52.9	103.7 102.6 101.5 100.3 96.8	9.5 9.3 9.2 9.0 8.6						
59.8 60.0 65.0 70.0 74.0	35.4 27.1 15.2	83.3 74.8 61.5	7.1 6.5 5.8	40.4 33.3 24.4 16.0	87.7 80.8 71.5 62.1	7.5 7.1 6.6 5.6	47.4 41.3 34.3	92.5 87.2 80.6	8.2 7.8 7.5	55.0 54.8 49.4 43.5	95.6 95.4 91.5 86.6	8.4 8.4 8.2 7.9			
75.0 79.0 80.0 85.0 86.0							25.8 16.2	71.8 61.0	7.0 6.7	36.9 29.1 18.4 15.5	80.5 72.7 61.0 57.6	7.6 7.3 7.0 6.9			
88.0 90.0 95.0 98.0													35.0 32.8 23.9 16.5	70.1 67.9 58.5 50.1	5.7 5.4 4.7 4.3



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		gulo de orincipa		83° Án	gulo de orincipa	pluma I		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]
				41.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 n ] Posici	916-1) 7	1.5 m Pli	eza de p umín	lumín				
19.5 20.0 22.0 24.0 26.0 28.0	78.0 77.6 75.9 74.3 72.6 70.9	113.9 113.8 113.3 112.7 112.1	10.7 10.7 10.3 9.9 9.5												
29.1 30.0 32.0 34.0	69.2 67.4 65.6	110.7 109.9 109.0	9.1 8.9 8.6	73.0 72.3 70.5 68.8	111.9 111.6 110.9 110.2	9.5 9.5 9.3 9.1									
36.0 38.0 40.0 42.0 44.0	63.9 62.0 60.2 58.3 56.4	108.0 106.9 105.8 104.6 103.3	8.5 8.3 8.1 8.0 7.8	67.1 65.3 63.5 61.7 59.8	109.3 108.4 107.4 106.4 105.2	8.9 8.7 8.5 8.3 8.2	65.0	107.0	8.5						
46.0 48.0 50.0 55.0 60.0	54.4 52.4 50.3 44.8 38.7	101.9 100.4 98.7 94.0 88.3	7.6 7.5 7.4 7.0 6.7	57.9 56.0 54.0 48.8 43.2	104.0 102.7 101.2 97.1 92.2	8.0 7.8 7.7 7.4 7.1	63.2 61.4 59.5 54.7 49.6	106.0 105.0 103.8 100.5 96.5	8.5 8.3 8.2 7.8 7.5						
61.5 65.0 70.0 73.0 75.0	31.6 22.6 16.8	81.0 71.0 64.2	6.3 5.7 4.9	36.8 29.4 19.4	86.1 78.3 66.9	6.8 6.3	44.0 37.8 30.5	91.7 85.8 78.3	7.2 7.0 6.7	55.0 51.4 46.0	98.1 95.4 90.9	7.5 7.4 7.2			
77.0 80.0 82.0 85.0				19.4	62.5	5.1	21.1 15.8	67.6 61.4	6.3 6.1	33.2 24.8	78.6 69.3	6.8			
89.0 90.5 95.0 100.0 101.0										15.1	58.0	6.3	35.0 28.9 18.8 16.1	71.8 65.4 53.8 50.6	5.0 4.4 3.8 3.6



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]
				41.0 ı		eza de p	al, Punto dumín (19 n ] Posici	916-1) 7 <sub>-</sub>	4.5 m Pl		lumín				
20.1	78.0	116.8	9.7												
22.0	76.5	116.4	9.5												
24.0	74.9	115.8	9.1												
26.0	73.3	115.3	8.8												
28.0	71.7	114.6	8.5												
30.0	70.0	113.9	8.4	73.0	114.8	8.6									
32.0	68.4	113.1	8.2	71.4	114.1	8.5									
34.0	66.7	112.3	8.0	69.7	113.4	8.3									
36.0	65.0	111.3	7.8	68.1	112.6	8.2									
38.0	63.3	110.3	7.6	66.4	111.7	8.0									
40.0	61.5	109.3	7.5	64.7	110.8	7.8									
42.0 44.0	59.7 57.9	108.1 106.9	7.4 7.2	62.9 61.2	109.8 108.7	7.6 7.5				ł					
44.0 45.3	57.9	106.9	1.2	01.2	106.7	7.5	65.0	109.7	7.7						
46.0	56.1	105.6	7.1	59.4	107.5	7.4	64.4	109.7	7.7						
48.0	54.2	103.0	7.0	57.6	106.3	7.2	62.7	108.4	7.6						
50.0	52.2	102.6	6.9	55.7	104.9	7.1	60.9	107.3	7.5						
55.0	47.1	98.3	6.6	50.8	101.1	6.9	56.3	104.2	7.2	i			i		
60.0	41.5	93.0	6.4	45.6	96.5	6.7	51.5	100.4	6.9	i			i		
63.2										55.0	100.5	6.8	i		
65.0	35.2	86.6	6.1	39.9	91.0	6.5	46.4	96.0	6.7	53.3	99.2	6.8			
70.0	27.7	78.2	5.6	33.3	84.1	6.2	40.7	90.6	6.6	48.2	95.0	6.6			
75.0	17.4	65.9	4.9	25.3	75.0	5.7	34.3	84.0	6.4	42.8	90.0	6.5			
76.0	16.4	64.6	4.4												
80.0				15.3	62.9	4.8	26.5	75.2	6.0	36.7	83.9	6.4			
85.0							15.5	61.8	5.7	29.5	76.0	6.2			
90.0										20.1	64.9	5.9			
92.0										16.7	60.6	5.5			
92.9													35.0	73.5	4.6
95.0													32.9	71.3	4.4
100.0													24.8	62.0	3.7
104.0													15.8	51.0	3.2



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		gulo de orincipal		83° Án	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		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]
				41.0 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n ] Posici	916-1) 7	7.5 m Pl		lumín				
20.8	78.0	119.7	8.7												
22.0	77.1	119.5	8.7										İ		
24.0	75.5	119.0	8.3										İ		
26.0	74.0	118.4	8.0												
28.0	72.4	117.8	7.7												
30.0	70.8	117.1	7.6												
30.9				73.0	117.6	7.7									
32.0	69.3	116.3	7.4	72.1	117.3	7.7									
34.0	67.7	115.5	7.2	70.5	116.6	7.5									
36.0	66.0	114.6	7.0	69.0	115.8	7.4									
38.0	64.4	113.7	6.9	67.4	115.0	7.2									
40.0	62.7	112.7	6.7	65.7	114.1	7.0									
42.0	61.0	111.6	6.6	64.1	113.2	6.9									
44.0	59.3	110.4	6.5 6.3	62.4	112.1	6.7 6.6							ł		
46.0 46.6	57.6	109.2	6.3	60.7	111.0	0.0	65.0	112.5	6.9						
48.0	55.8	107.8	6.2	59.0	109.8	6.5	63.8	111.8	6.8						
50.0	53.9	107.8	6.1	57.2	109.6	6.3	62.1	110.7	6.7				ł		
55.0	49.2	102.3	5.9	52.6	105.0	6.1	57.8	107.8	6.4						
60.0	44.0	97.5	5.7	47.8	100.7	5.9	53.3	104.3	6.1						
64.9										55.0	103.0	6.0			
65.0	38.3	91.7	5.5	42.5	95.6	5.7	48.5	100.1	6.0	54.9	102.9	6.0			
70.0	31.7	84.4	5.2	36.6	89.5	5.5	43.2	95.2	5.8	50.2	99.0	5.8			
75.0	23.6	74.6	4.7	29.7	81.6	5.2	37.5	89.1	5.6	45.2	94.4	5.7			
79.0	16.1	65.0	4.0												
80.0				20.9	70.8	4.9	30.7	81.6	5.4	39.6	88.8	5.6			
83.0				15.0	63.2	4.3									
85.0							22.3	71.3	5.3	33.3	81.9	5.5			
88.0							15.2	62.2	5.1						
90.0										25.6	72.8	5.4			
95.0										16.3	61.1	4.9	05.0		4.0
95.4													35.0	75.3	4.0
100.0 105.0													29.3 20.4	68.7 57.7	3.5 2.9
105.0													20.4 15.4	51.4	2.9



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		gulo de orincipal		83° Án	gulo de orincipa	pluma I	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]
				41.0 ı	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.4	78.0	122.7	7.9			_									
22.0	77.6	122.5	7.9												
24.0	76.1	122.1	7.6							İ			İ		
26.0	74.6	121.5	7.4												
28.0	73.1	120.9	7.1												
30.0	71.6	120.3	6.9												
31.8				73.0	120.5	7.0									
32.0	70.1	119.5	6.8	72.8	120.4	7.0									
34.0	68.5	118.8	6.6	71.3	119.8	6.9									
36.0	67.0	117.9	6.4	69.8	119.0	6.7									
38.0	65.4	117.0	6.3	68.2	118.3	6.6									
40.0	63.8	116.1	6.1	66.7	117.4	6.4									
42.0	62.2	115.0	6.0	65.1	116.5	6.2									
44.0	60.6	113.9	5.9	63.5	115.5	6.1 6.0							ł		
46.0 47.8	58.9	112.7	5.7	61.9	114.4	6.0	CE O	115.2	6.1						
48.0	57.2	111.4	5.6	60.3	113.3	5.9	65.0 64.9	115.2	6.1						
50.0	55.5	110.1	5.5	58.6	112.1	5.7	63.3	114.1	6.1				ł		
55.0	51.0	106.3	5.3	54.3	108.7	5.5	59.2	111.3	5.8	i					
60.0	46.2	101.8	5.1	49.7	104.7	5.3	54.9	108.0	5.5						
65.0	41.0	96.4	4.9	44.8	100.0	5.1	50.4	104.1	5.3						
66.6										55.0	105.4	5.3	i		
70.0	35.1	89.9	4.8	39.4	94.4	4.9	45.5	99.5	5.1	52.0	102.9	5.3			
75.0	28.2	81.6	4.4	33.3	87.5	4.7	40.2	94.0	5.0	47.3	98.6	5.1			
80.0	19.1	69.9	4.0	26.0	78.5	4.5	34.2	87.3	4.9	42.1	93.4	4.9			
82.0	15.8	65.4	3.6												
85.0				15.8	65.0	4.3	27.1	78.7	4.8	36.4	87.2	4.8			
90.0							17.5	66.2	4.7	29.8	79.4	4.8			
91.0							16.6	64.9	4.3						
95.0										21.4	68.7	4.8	L		
97.8										400	04.5		35.0	77.0	3.5
98.0										16.0	61.5	4.3	22.0	74.6	2.2
100.0 105.0													33.0 25.6	74.6 65.5	3.3 2.7
110.0													25.6 15.1	51.8	2.7



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	88° Án	gulo de orincipa	pluma I	83° Án	gulo de orincipa	pluma I	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]
				41.0 ı	m Pluma Cab	eza de p	il, Punto llumín (19 n] Posici	916-1) 8	3.5 m Pl	eza de p umín	lumín				
22.0 24.0 26.0 28.0 30.0 32.6 34.0 36.0 38.0 40.0 42.0 44.0 48.0 49.1 55.0	78.0 76.6 75.2 73.7 72.3 70.8 69.4 67.9 66.4 64.8 63.3 61.7 60.2 58.5	125.6 125.1 124.6 124.1 123.4 122.7 122.0 121.2 120.3 119.4 117.3 116.2 115.0	7.1 7.0 6.5 6.3 6.1 6.0 5.9 5.7 5.6 5.5 5.4 5.2 5.1	73.0 72.0 70.5 69.1 67.6 66.1 64.6 63.0 61.4	123.4 122.9 122.2 121.5 120.7 119.8 118.9 117.8 116.8	6.3 6.3 6.1 6.0 5.8 5.7 5.6 5.4 5.3	65.0 64.3 60.4	117.9 117.5 114.8	5.5 5.5 5.2						
60.0 65.0	48.2 43.3	105.9 100.9	4.6 4.6 4.4	55.6 51.5 46.9	108.7 104.2	4.8 4.5	56.3 52.1	114.6 111.6 108.0	5.2 5.0 4.8						
68.4 70.0 75.0 80.0 85.0 88.0	38.0 31.9 24.5 15.5	95.0 87.7 78.2 65.8	4.2 4.0 3.7 3.1	41.9 36.4 30.0 22.0 15.5	99.0 92.8 85.0 74.5 65.4	4.3 4.2 4.0 3.8 3.7	47.5 42.6 37.2 31.0	103.7 98.6 92.5 84.9	4.6 4.4 4.3 4.2	55.0 53.6 49.2 44.4 39.2	107.9 106.7 102.6 97.8 92.1	4.7 4.7 4.5 4.4 4.3			
90.0 94.0 95.0 100.0							23.3 16.3	75.0 65.3	4.1 3.6	33.3 26.3 16.6	76.3 63.2	4.2 4.2 4.1	35.0	78.7	2.9
101.0 105.0 109.0										15.7	61.9	3.6	29.6 23.4	72.1 63.9	2.5 2.0



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		gulo de orincipa		83° Án I	gulo de orincipa	pluma I	75° Án	gulo de principa	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]
				41.0	m Pluma Cab	eza de p	il, Punto lumín (1 n ] Posici	916-1) 8	6.5 m Pl		lumín				
22.6	78.0	128.5	6.5				Ĺ								
24.0	77.1	128.2	6.4	İ						İ			İ		
26.0	75.7	127.7	6.2	i						İ			İ		
28.0	74.3	127.2	6.0												
30.0	72.9	126.6	5.8												
32.0	71.5	125.9	5.7												
33.5				73.0	126.2	5.8									
34.0	70.1	125.2	5.5	72.7	126.1	5.8									
36.0	68.7	124.4	5.4	71.3	125.4	5.7									
38.0	67.2	123.6	5.3	69.8	124.7	5.5									
40.0	65.8	122.7	5.1	68.4	123.9	5.4									
42.0	64.3	121.8	5.0	67.0	123.1	5.2									
44.0	62.8	120.7	4.9	65.5	122.2	5.1									
46.0	61.3	119.7	4.8	64.0	121.2	5.0									
48.0	59.8	118.5	4.7	62.5	120.2	4.9									
50.0	58.2	117.3	4.6	61.0	119.1	4.8	05.0	400.0	<b>5</b> 0	ł					
50.4	540	112.0	4.4	57.1	1100	4.6	65.0	120.6	5.0	ł			ł		
55.0 60.0	54.2 49.9	113.9 109.9	4.4	57.1 53.0	116.0 112.5	4.6 4.4	61.5 57.7	118.2 115.2	4.8 4.6						
65.0	45.4	105.3	4.0	48.7	108.3	4.4	53.6	111.8	4.4						
70.0	40.5	99.8	3.7	44.1	103.5	3.9	49.3	107.7	4.4						
70.1	40.5	33.0	5.7	77.1	100.0	3.3	43.5	107.7	7.2	55.0	110.4	4.2			
75.0	35.0	93.2	3.6	39.0	97.7	3.8	44.7	103.0	4.0	50.9	106.6	4.1	i		
80.0	28.6	85.0	3.4	33.3	90.8	3.6	39.8	97.4	3.9	46.4	102.1	4.0			
85.0	20.5	73.8	3.2	26.6	81.9	3.4	34.2	90.6	3.7	41.6	96.8	3.8			
88.0	15.2	66.2	2.6												
90.0				17.6	69.3	3.3	27.6	82.1	3.6	36.2	90.5	3.7			
91.0				15.2	65.8	3.2									
95.0							19.1	70.2	3.5	30.1	82.7	3.6			
97.0							16.0	65.7	3.0						
100.0										22.5	72.4	3.6			
102.8													35.0	80.4	2.5
104.0										15.4	62.3	3.0			
105.0													33.0	77.9	2.3
108.0													29.1	72.8	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 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]
				41.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1 ] Posici	916-1) 8	9.5 m Plı	eza de p umín	lumín				
23.3	78.0	131.5	5.7												
24.0	77.5	131.3	5.7												
26.0	76.2	130.8	5.5												
28.0	74.9	130.3	5.3												
30.0	73.5	129.7	5.2												
32.0	72.2	129.1	5.0												
34.0	70.8	128.4	4.9												
34.4				73.0	129.1	5.0									
36.0	69.4	127.7	4.8	71.9	128.6	5.0									
38.0	68.0	126.9	4.6	70.5	127.9	4.8									
40.0	66.7	126.0	4.5	69.2	127.1	4.7									
42.0	65.2	125.1	4.4	67.8	126.3	4.6									
44.0	63.8 62.4	124.1 123.1	4.2 4.2	66.4	125.5 124.5	4.5 4.3									
46.0 48.0	60.9	123.1	4.2	65.0 63.5	124.5	4.3									
50.0	59.4	120.8	4.0	62.1	122.5	4.2									
51.6	39.4	120.0	4.0	02.1	122.3	4.2	65.0	123.3	4.3						
55.0	55.6	117.6	3.8	58.4	119.6	3.9	62.6	121.6	4.2						
60.0	51.5	113.8	3.6	54.5	116.2	3.7	58.9	118.8	4.0						
65.0	47.3	109.4	3.4	50.4	112.3	3.5	55.0	115.5	3.7						
70.0	42.7	104.4	3.2	46.1	107.8	3.4	51.0	111.6	3.6						
71.8										55.0	112.8	3.6			
75.0	37.7	98.3	3.0	41.4	102.4	3.2	46.7	107.2	3.4	52.4	110.4	3.5			
80.0	32.0	91.0	2.9	36.2	96.1	3.1	42.0	102.0	3.3	48.2	106.2	3.4			
85.0	25.2	81.7	2.7	30.3	88.3	2.9	36.9	95.8	3.1	43.7	101.3	3.2			
90.0	15.9	68.0	2.5	23.0	78.1	2.7	31.1	88.3	3.0	38.8	95.5	3.1			
94.0				16.4	68.5	2.3									
95.0							24.1	78.5	2.9	33.3	88.5	3.0			
100.0							15.7	66.1	2.4	26.8	79.7	3.0			
105.0										18.3	67.4	2.9			
105.2													35.0	82.1	2.0
107.0										15.2	62.7	2.5			



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]
				41.0 ו		eza de p	al, Punto dumín (19 n ] Posici	916-1) 9:	2.5 m Pl	eza de p umín	lumín				
23.9	78.0	134.4	5.1												
24.0	77.9	134.4	5.1												
26.0	76.6	133.9	5.0												
28.0	75.4	133.4	4.8												
30.0	74.1	132.8	4.7												
32.0	72.8	132.2	4.5												
34.0	71.5	131.6	4.3												
35.3				73.0	132.0	4.4									
36.0	70.1	130.9	4.2	72.5	131.8	4.4									
38.0	68.8	130.1	4.1	71.2	131.1	4.3									
40.0	67.5	129.3	4.0	69.9	130.4	4.2									
42.0	66.1	128.4	3.8	68.5	129.6	4.1									
44.0	64.7	127.5	3.7	67.2	128.7	3.9									
46.0	63.3	126.5	3.6	65.8	127.9	3.8									
48.0	61.9	125.4	3.6	64.5	126.9	3.7									
50.0	60.5	124.3	3.5	63.1	125.9	3.6									
52.9							65.0	126.1	3.7						
55.0	56.8	121.2	3.3	59.5	123.1	3.4	63.5	125.0	3.6						
60.0	53.0	117.6	3.1	55.8	119.9	3.2	60.0	122.3	3.4						
65.0	49.0	113.5	2.9	51.9	116.2	3.0	56.3	119.1	3.2						
70.0	44.7	108.7	2.7	47.8	111.9	2.9	52.5	115.5	3.0						
73.5										55.0	115.3	3.0			
75.0	40.1	103.2	2.6	43.5	106.9	2.7	48.4	111.3	2.9	53.9	114.2	3.0			
80.0	34.9	96.5	2.4	38.7	101.1	2.6	44.1	106.4	2.8	49.9	110.2	2.8			
85.0	29.0	88.4	2.3	33.4	94.1	2.5	39.4	100.7	2.7	45.7	105.6	2.7			
90.0				27.1	85.3	2.3	34.1	93.9	2.5	41.1	100.2	2.6			
95.0							28.0	85.5	2.4	36.1	93.8	2.5			
100.0										30.3	86.1	2.5			
105.0										23.4	76.0	2.4			
109.0										15.8	64.5	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 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]
				41.0 i	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín		_		
24.5	78.0	137.4	4.7												
26.0	77.1	137.0	4.6												
28.0	75.8	136.5	4.5												
30.0	74.6	136.0	4.3												
32.0	73.3	135.4	4.2												
34.0	72.1	134.7	4.1												
36.0	70.8	134.1	3.9												
36.1				73.0	134.9	4.1							<u> </u>		
38.0	69.5	133.3	3.8	71.8	134.3	4.0									
40.0	68.2	132.5	3.7	70.5	133.6	3.9									
42.0	66.9	131.7	3.6	69.3	132.8	3.8									
44.0	65.6	130.8	3.5	68.0	132.0	3.7									
46.0	64.2	129.8	3.4	66.6	131.1	3.6									
48.0	62.9	128.8	3.3	65.3	130.2	3.5									
50.0	61.5	127.7	3.2	64.0	129.3	3.4									
54.2							65.0	128.8	3.4						
55.0	58.0	124.8	3.0	60.6	126.6	3.2	64.4	128.4	3.4						
60.0	54.4	121.4	2.8	57.0	123.5	2.9	61.0	125.8	3.2						
65.0	50.6	117.5	2.6	53.3	120.0	2.7	57.5	122.7	3.0						
70.0	46.5	113.0	2.3	49.5	115.9	2.5	53.9	119.3	2.8						
75.0							50.0	115.3	2.6						
75.2										55.0	117.7	2.7			
80.0							45.9	110.7	2.4	51.4	114.1	2.6			
85.0		1								47.4	109.8	2.4	I	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]
				44.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 3	8.5 m Pl		lumín				
12.7	78.0	84.6	55.8												
13.0	77.5	84.5	55.8												
14.0	76.0	84.3	53.8												
16.0	72.9	83.7	45.7												
18.0	69.8	83.0	39.2												
19.8				73.0	83.3	46.9									
20.0	66.5	82.1	33.7	72.7	83.3	46.9									
22.0	63.2	81.2	29.3	69.6	82.6	44.0									
24.0	59.8	80.0	26.2	66.3	81.7	39.8									
26.0	56.3	78.8	23.6	63.0	80.7	34.9									
28.0	52.6	77.3	21.6	59.6	79.6	31.5									
30.0	48.7	75.6	20.0	56.0	78.3	28.4	05.0		00.4	ł					
30.9	44.5	70.0	18.6	52.3	76.8	00.0	65.0	80.0 79.5	30.4 29.9	l					
32.0 34.0	40.0	73.6 71.4	17.4	52.3 48.4	75.0 75.1	26.0 23.9	63.2 59.8	79.5	29.9						
36.0	35.0	68.7	16.3	44.3	73.1	22.0	56.2	77.0	26.5						
38.0	29.3	65.4	15.5	39.7	70.9	20.4	52.5	75.6	25.1						
40.0	29.3	61.1	14.6	34.7	68.1	19.1	48.6	73.9	23.1	i					
41.0	17.7	58.2	14.2	54.7	00.1	13.1	40.0	75.5	20.0	i			i		
42.0	''''	00.2	17.2	28.9	64.8	17.9	44.5	71.9	22.6	i					
43.8				20.0	01.0	17.0	11.0	7 1.0		55.0	73.8	19.0			
44.0				21.8	60.4	16.7	40.0	69.7	21.5	54.9	73.7	19.8			
45.0				17.1	57.5	16.1							i		
46.0							35.0	67.0	20.6	51.1	72.2	19.3			
48.0							29.2	63.7	19.8	47.1	70.4	18.5			
50.0							22.2	59.4	19.0	42.9	68.3	17.7			
51.0							17.6	56.5	18.5						
55.0										30.1	61.4	16.0			
59.0										15.4	52.2	13.7			
65.6													35.0	55.0	9.8
70.0													22.7	47.7	8.7
71.0													18.3	44.9	8.5



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]
				44.0			al, Punto Iumín (2:			eza de p	lumín		_		
					Cab	19.0 [ m	n ] Posici	ón midfa	II (2316)	ullilli					
13.3	78.0	87.5	51.5												
14.0	77.0	87.4	51.5												
16.0	74.2	86.8	44.9												
18.0	71.3	86.2	38.4												
20.0	68.3	85.4	33.6												
20.7				73.0	86.2	44.1									
22.0	65.3	84.5	29.0	71.1	85.8	43.3									
24.0	62.2	83.5	25.6	68.1	85.0	39.8									
26.0	59.0	82.3	23.3	65.1	84.1	35.4									
28.0	55.7	81.0	21.3	62.0	83.1	31.7									
30.0	52.3	79.5	19.7	58.8	81.9	28.6									
32.0 32.1	48.6	77.8	18.3	55.5	80.6	26.0	65.0	82.7	27.6	ł					
34.0	44.8	75.9	17.1	52.0	79.1	23.9	62.2	81.8	27.0						
36.0	40.7	73.7	16.0	48.4	77.3	23.9	59.0	80.6	25.8						
38.0	36.1	71.1	15.1	44.6	75.4	20.4	55.7	79.3	24.3						
40.0	31.0	68.0	14.3	40.4	73.4	18.9	52.2	77.8	23.1						
42.0	25.0	64.1	13.6	35.9	70.5	17.7	48.6	76.1	22.0	i					
44.0	17.0	58.7	12.8	30.7	67.4	16.7	44.7	74.2	20.9	i			i		
45.5										55.0	76.2	17.6			
46.0				24.6	63.4	15.6	40.6	72.0	19.9	54.4	76.0	18.5			
48.0				16.4	57.9	14.6	36.1	69.4	19.0	50.9	74.4	17.8			
50.0							31.0	66.2	18.3	47.2	72.6	17.1			
54.0				I			16.9	56.9	16.8	l					
55.0										36.7	66.9	15.4			
60.0										22.3	57.8	14.0			
61.0										18.2	55.0	13.7			
68.0				I									35.0	56.7	8.7
70.0													31.4	54.5	8.3
74.0		1		I						I		1	17.6	45.4	7.4



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	88° Án	gulo de principa	pluma I		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]
				44.0 ו		eza de p	II, Punto Ilumín (2: Il Posici	316-1) 4	4.5 m Pli		lumín				
13.9 14.0 16.0 20.0 21.6 22.0 24.0 26.0 28.0 30.0 32.0 33.4 34.0 36.0 38.0 40.0 42.0 44.0 47.0	78.0 77.9 75.3 72.6 69.9 67.1 64.2 61.3 58.3 55.2 52.0 48.6 45.0 41.2 37.1 32.5 27.2 20.6	90.5 90.5 90.0 89.3 88.6 87.8 86.9 85.8 84.6 83.3 81.8 80.1 78.1 76.0 73.4 70.5 66.9 62.2	47.6 47.6 44.1 38.1 33.0 28.8 25.3 22.7 20.9 19.3 18.0 16.9 15.8 14.8 14.0 13.3 12.6 12.0	73.0 72.4 69.7 66.9 64.1 61.1 58.1 55.0 51.8 48.4 44.4 36.8 32.2	89.1 88.9 88.2 87.4 86.4 85.4 84.2 82.8 81.3 79.6 77.4 72.9 69.9	41.5 41.4 39.1 36.0 31.9 29.0 26.2 23.9 22.1 20.5 19.0 17.7 16.5 15.6	65.0 64.2 61.3 58.3 55.2 51.9 48.6 45.0	85.5 85.2 84.1 82.9 81.6 80.1 78.4 76.4	26.3 26.3 25.0 23.7 22.4 21.3 20.4 19.3	55.0	78.7	16.2			
48.0 50.0 51.0 55.0				26.8 20.2 15.8	66.3 61.5 58.3	14.7 13.8 13.3	41.2 37.0 24.0	74.2 71.7 63.0	18.4 17.6	54.0 50.7 41.7	78.2 76.6	17.2 16.5			
57.0 60.0 64.0 70.5							16.3	57.3	15.3	30.6 17.6	64.7 55.4	13.5 12.6	35.0	58.5	8.0
75.0 77.0													24.5 17.0	51.3 45.8	7.0 6.6



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	88° Án	gulo de orincipa	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]
				44.0		eza de p	II, Punto Ilumín (2 I Posici	316-1) 4	7.5 m Pl		lumín				
14.6	78.0	93.4	43.7												
16.0	76.2	93.1	42.9												
18.0	73.7	92.5	37.5							•			•		
20.0	71.2	91.8	32.2												
22.0	68.6	91.1	28.5												
22.5				73.0	91.9	38.6									
24.0	66.0	90.2	25.1	71.0	91.4	38.0									
26.0	63.3	89.2	22.4	68.4	90.6	35.4									
28.0	60.5	88.1	20.5	65.8	89.8	32.2									
30.0	57.7	86.9	18.9	63.1	88.8	28.8									
32.0	54.8	85.5	17.5	60.4	87.7	26.4									
34.0 34.7	51.7	84.0	16.4	57.5	86.4	24.0	65.0	88.2	25.1	ł			ł		
36.0	48.6	82.3	15.4	54.6	85.1	21.9	63.3	87.5	25.1						
38.0	45.2	80.4	14.5	51.6	83.5	20.3	60.5	86.4	23.4						
40.0	41.7	78.2	13.6	48.4	81.8	18.9	57.7	85.2	22.3						
42.0	37.9	75.8	12.8	45.0	79.9	17.5	54.8	83.8	21.1						
44.0	33.7	72.9	12.2	41.5	77.7	16.3	51.7	82.3	20.1	i			i		
46.0	28.9	69.5	11.6	37.6	75.2	15.3	48.5	80.6	19.2						
48.0	23.3	65.3	11.0	33.4	72.4	14.4	45.2	78.7	18.3						
49.0										55.0	81.1	15.4			
50.0	15.9	59.5	10.4	28.6	68.9	13.6	41.6	76.5	17.5	53.7	80.5	16.3			
54.0				15.3	58.7	11.9									
55.0							31.3	69.6	15.8	45.7	76.1	14.7			
60.0							15.8	57.7	14.3	36.3	70.2	13.3			
65.0										24.1	61.4	12.3			
67.0										17.0	55.9	11.9			
72.9													35.0	60.2	7.0
75.0													31.6	57.8	6.6
80.0													16.4	46.2	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 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]
				44.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	0.5 m Pl	eza de p umín	lumín				
15.2	78.0	96.3	40.6												
16.0	77.1	96.1	40.6												
18.0	74.7	95.6	36.5												
20.0	72.3	95.0	31.9												
22.0	69.9	94.3	27.8												
23.3				73.0	94.8	36.3									
24.0	67.5	93.5	24.8	72.2	94.6	36.1									
26.0	65.0	92.6	22.3	69.8	93.9	34.7									
28.0	62.5	91.6	20.3	67.3	93.1	32.6									
30.0	59.8	90.4	18.7	64.9	92.1	29.1									
32.0	57.2	89.2	17.3	62.3	91.1	26.4									
34.0	54.4	87.8	16.1	59.7	90.0	24.2									
35.9							65.0	90.9	23.5						
36.0	51.5	86.3	15.2	57.0	88.7	22.1	65.0	90.9	24.0						
38.0	48.6	84.5	14.3	54.2	87.3	20.3	62.4	89.9	23.5						
40.0	45.4	82.6	13.4	51.4	85.8	18.9	59.8	88.7	22.1						
42.0	42.1 38.5	80.5	12.6	48.4	84.0 82.1	17.6	57.1	87.5	21.1 20.0						
44.0 46.0	38.5	78.1 75.3	11.9 11.3	45.2 41.9	82.1 80.0	16.4 15.3	54.4 51.5	86.1 84.5	19.1						
48.0	30.4	75.3	10.7	38.3	77.6	14.3	48.5	82.8	18.3						
50.0	25.4	68.2	10.7	34.4	74.8	13.5	45.4	80.9	17.4						
50.0	25.4	00.2	10.2	34.4	74.0	13.5	43.4	00.9	17.4	55.0	83.6	14.6			
53.0	15.4	59.9	9.4							33.0	03.0	14.0			
55.0	10.4	33.3	3.4	22.2	65.3	11.6	36.6	75.0	15.7	48.9	80.3	14.5	i		
57.0				16.3	60.3	10.2	00.0	7 0.0		10.0	00.0	11.0			
60.0							25.4	66.5	14.3	40.8	75.1	13.1			
63.0							15.3	58.1	13.5						
65.0										30.9	68.0	12.1			
70.0										16.4	56.3	11.2			
75.4													35.0	61.9	6.2
80.0													25.7	54.8	5.4
83.0													15.9	46.7	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 orincipa		83° Án	gulo de orincipa	pluma I		gulo de principa			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]
				44.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 5	3.5 m Pl		lumín		-		
15.8 16.0 18.0 20.0 24.0 24.2 26.0 28.0 30.0 32.0 34.0 36.0 37.2 38.0 40.0 42.0 44.0 46.0 48.0	78.0 77.8 75.6 73.4 71.1 68.8 66.5 64.1 61.7 59.2 56.7 54.1 51.4 48.5 45.6 42.5 39.1 35.6	99.3 99.2 98.7 98.2 97.5 96.7 95.9 94.9 92.7 91.5 90.0 88.5 86.8 84.9 82.8 80.4 77.7	36.8 36.8 35.2 31.5 27.1 24.1 21.7 19.8 18.3 17.0 15.8 14.7 13.8 13.0 12.3 11.5 10.9	73.0 71.0 68.7 66.4 64.0 61.6 59.1 56.5 53.9 51.2 48.4 45.4 42.3	97.7 97.1 96.3 95.5 94.5 93.5 92.3 91.0 89.6 88.0 86.3 84.4 82.2	33.0 32.5 31.1 29.2 26.3 24.2 22.2 20.3 18.7 17.4 16.2 15.1 14.1	65.0 64.1 61.7 59.2 56.7 54.0 51.3	93.6 93.2 92.2 91.0 89.7 88.3 86.8	22.7 22.6 21.8 20.6 19.6 18.7 17.9						
50.0 52.4 55.0 56.0 60.0 65.0 66.0 70.0 73.0 77.9 80.0 85.0	31.6 18.7 16.3	74.6 63.7 61.5	9.8 8.7 7.6	38.9 29.2 15.8	79.9 72.3 60.7	13.2 11.5 9.1	48.5 40.8 31.6 18.7 16.2	85.1 79.9 72.9 62.0 59.7	17.1 15.3 13.9 12.6 11.9	55.0 51.7 44.4 36.0 25.3 15.9	86.1 84.2 79.6 73.6 64.9 56.7	13.8 14.2 12.9 11.7 10.9 10.1	35.0 31.9 19.1	63.6 61.2 50.4	5.4 5.0 4.2



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 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]
				44.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (2 n ] Posici	316-1) 5	6.5 m Pl		lumín				
16.4 18.0 20.0 22.0 24.0 25.1	78.0 76.4 74.3 72.2 70.0	102.2 101.8 101.3 100.7 100.0	33.8 33.5 30.5 26.9 23.5	73.0	100.5	30.5									
26.0 28.0 30.0 32.0	67.8 65.6 63.3 61.0	99.2 98.3 97.3 96.2	21.3 19.5 18.0 16.8	72.0 69.9 67.7 65.5	100.2 99.5 98.7 97.8	30.3 29.5 28.8 26.4									
34.0 36.0 38.0 38.5	58.7 56.3 53.8	95.0 93.7 92.3	15.6 14.5 13.6	63.2 60.9 58.5	96.9 95.8 94.6	24.1 22.4 20.5	65.0	96.3	21.5 21.4						
40.0 42.0 44.0 46.0 48.0	48.5 45.7 42.8 39.7	89.0 87.1 85.0 82.7	12.1 11.4 10.7 10.1	56.1 53.6 51.0 48.4 45.5	91.8 90.3 88.5 86.6	17.4 16.2 15.2 14.2	63.3 61.0 58.7 56.2 53.7	95.6 94.5 93.3 92.0 90.6	20.3 19.3 18.4 17.5						
50.0 54.1 55.0 59.0 60.0	36.3 26.4 15.8	71.7 61.9	9.6 8.5 6.8	42.6 34.3 23.7	78.1 68.9	13.2 11.3 9.9	51.2 44.2 36.3	89.0 84.4 78.4	16.8 15.0 13.6	55.0 54.1 47.5	88.5 88.0 83.8	13.0 13.8 12.6			
63.0 65.0 69.0 70.0 75.0				15.3	61.1	8.2	26.4 15.7	70.0 60.1	12.4 10.8	40.1 31.2 19.0 15.5	78.5 71.4 60.4 57.1	11.4 10.5 9.6 9.3			
76.0 80.3 85.0 88.0										15.5	57.1	9.3	35.0 26.7 18.6	65.3 58.3 50.9	4.8 4.1 3.6



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]
				44.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	9.5 m Pl	eza de p umín	lumín				
17.1	78.0	105.1	30.8												
18.0	77.1	104.9	30.8												
20.0	75.1	104.4	29.0												
22.0	73.1	103.8	26.5												
24.0	71.1	103.1	23.1												
26.0	69.0	102.4	20.8	73.0	103.4	27.9									
28.0	66.9	101.6	19.0	70.9	102.7	27.5									
30.0	64.8	100.7	17.4	68.9	102.0	26.9									
32.0	62.6	99.6	16.2	66.8	101.1	26.0									
34.0	60.4	98.5	15.2	64.7	100.2	23.7									
36.0	58.2	97.3	14.1	62.5	99.2	22.0									
38.0 39.7	55.9	96.0	13.1	60.3	98.1	20.4	65.0	99.0	19.9						
40.0	53.5	94.5	12.3	58.0	96.9	18.7	64.8	98.9	20.2						
42.0	51.0	93.0	11.6	55.7	95.5	17.2	62.6	97.9	19.8						
44.0	48.5	91.2	11.0	53.3	94.1	15.9	60.4	96.8	18.8						
46.0	45.8	89.4	10.3	50.9	92.5	14.9	58.2	95.6	18.0						
48.0	43.1	87.3	9.7	48.3	90.8	13.9	55.8	94.3	17.0				i		
50.0	40.1	85.0	9.2	45.7	88.9	13.0	53.5	92.8	16.2				i		
55.0	31.8	78.0	8.1	38.4	83.2	11.0	47.2	88.6	14.6						
55.9										55.0	91.0	12.3			
60.0	20.7	67.6	7.1	29.7	75.7	9.6	40.1	83.3	13.2	50.1	87.8	12.2			
62.0	15.4	62.3	6.1												
65.0				17.3	63.9	8.2	31.8	76.2	12.0	43.4	83.0	11.1			
70.0							20.7	65.8	10.9	35.8	76.9	10.1			
72.0							15.3	60.5	9.8						
75.0										26.3	68.4	9.2			
79.0										15.1	57.5	8.3			
82.8													35.0	67.1	4.0
85.0													32.0	64.5	3.7
90.0													21.1	54.2	3.0
91.0													18.1	51.3	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 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]
				44.0 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		-		
17.7 18.0 20.0 22.0 24.0 26.0 26.8 28.0 30.0 32.0	78.0 77.7 75.8 73.9 72.0 70.1 68.1 66.1 62.0	108.1 108.0 107.5 107.0 106.3 105.6 104.8 104.0 103.0	28.6 28.6 28.0 25.8 23.0 20.5 18.7 17.2 15.9	73.0 71.9 69.9 68.0 66.0	106.3 105.9 105.2 104.4 103.5	26.1 25.9 25.5 25.0 23.6									
36.0 38.0 40.0 41.0 42.0	59.9 57.7 55.5	100.8 99.6 98.3 96.8	13.9 12.9 12.1	63.9 61.9 59.8	102.6 101.5 100.4 99.1	21.8 20.3 18.9	65.0 64.0	101.8 101.3	18.7 19.1						
44.0 46.0 48.0 50.0	50.9 48.5 46.0 43.3	95.2 93.5 91.6 89.5	10.7 10.1 9.5 9.0	55.4 53.1 50.8 48.3	97.8 96.3 94.7 93.0	16.0 14.8 13.8 12.9	62.0 59.9 57.7 55.5	100.3 99.1 97.9 96.5	18.5 17.5 16.8 15.9						
55.0 57.6 60.0 65.0 68.0	36.1 27.2 15.0	83.4 75.1 62.7	7.8 6.9 5.4	41.8 34.3 24.8 16.9	87.9 81.4 72.4 64.3	9.4 8.2 7.4	49.7 43.3 36.0	92.6 87.8 81.7	14.3 12.9 11.7	55.0 52.4 46.3	93.4 91.7 87.3	11.5 11.9 10.8			
70.0 74.0 75.0 80.0 82.0							27.2 17.2	73.4 63.3	10.7 9.8	39.5 31.5 20.1 15.9	74.7 63.5 59.1	9.8 9.0 7.8 7.1	35.0	68.8	3.3
90.0 94.0													27.4 17.6	61.7 51.8	2.7 2.2



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]
				44.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 6	5.5 m Pl		lumín				
18.3 20.0 22.0 24.0 26.0 27.7	78.0 76.5 74.7 72.8 71.0	111.0 110.6 110.1 109.5 108.8	25.8 25.7 24.3 22.5 20.2	73.0	109.1	23.6									
28.0 30.0 32.0 34.0 36.0	69.1 67.2 65.3 63.4 61.4	108.1 107.2 106.3 105.4 104.3	18.5 17.0 15.6 14.5 13.7	72.7 70.9 69.0 67.1 65.2	109.1 108.4 107.6 106.8 105.9	23.5 23.3 22.8 22.3 20.9									
38.0 40.0 42.0 42.3 44.0	59.4 57.3 55.2	103.1 101.9 100.5	12.7 11.8 11.1	63.3 61.3 59.3	104.9 103.8 102.7	19.8 18.9 17.5	65.0 63.4	104.5 103.7	18.1 18.1						
46.0 48.0 50.0 55.0	50.8 48.5 46.1 39.6	97.4 95.7 93.8 88.4	9.8 9.3 8.7 7.5	55.1 52.9 50.6 44.7	100.0 98.6 97.0 92.3	14.8 13.8 12.9 10.9	61.4 59.4 57.3 51.9	103.7 102.6 101.4 100.2 96.5	17.2 16.4 15.7 14.0						
59.3 60.0 65.0 67.0 70.0	32.0 22.2 16.9	81.3 71.3 65.5	6.6 5.8 5.5	38.0 30.1 19.4	86.6 79.0 67.9	9.2 8.0 6.9	46.0 39.5 32.0	92.1 86.6 79.6	12.6 11.4	55.0 54.4 48.8 42.6	95.9 95.5 91.4 86.5	10.9 11.4 10.5			
71.0 75.0 77.0 80.0 85.0				16.5	64.7	6.6	22.2 16.8	69.6 63.8	9.4	35.6 26.5 15.5	80.2 71.3 59.5	8.6 7.5 6.5			
87.7 90.0 92.0										13.3	33.3	0.0	35.0 32.2 28.7	70.5 67.8 64.3	2.6 2.3 2.1



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 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]
				44.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 6	8.5 m Pl	eza de p umín	lumín				
18.9 20.0	78.0 77.1	113.9 113.7	23.5 23.5												
20.0	77.1	113.7	23.5												
24.0	73.4	112.6	21.9				ł								
26.0	71.9	112.0	19.8												
28.0	70.1	111.3	18.1												
28.6				73.0	112.0	21.4									
30.0	68.3	110.5	16.8	71.8	111.6	21.3									
32.0	66.5	109.6	15.4	70.0	110.8	20.9									
34.0	64.6	108.7	14.3	68.2	110.1	20.4									
36.0	62.8	107.7	13.3	66.4	109.2	19.8									
38.0	60.9	106.6	12.5	64.5	108.3	19.0									
40.0	58.9	105.4	11.7	62.6	107.3	18.3									
42.0	56.9	104.2	10.9	60.7	106.2	17.8									
43.5							65.0	107.2	16.7						
44.0	54.9	102.8	10.2	58.8	105.0	16.3	64.6	107.0	17.2						
46.0	52.8	101.3	9.6	56.8	103.7	15.0	62.7	106.0	16.9						
48.0 50.0	50.7 48.5	99.7 98.0	9.1 8.6	54.8 52.7	102.3 100.8	13.9 12.9	60.8 58.9	104.9 103.7	16.1 15.4						
55.0	40.5	93.0	7.4	52.7 47.2	96.5	10.9	53.8	100.7	13.4						
60.0	35.9	86.7	6.4	41.1	91.3	9.2	48.4	96.2	12.4						
61.0	33.8	00.7	0.4	41.1	91.5	9.2	40.4	90.2	12.4	55.0	98.3	10.2			
65.0	27.8	78.5	5.6	34.2	84.7	7.9	42.5	91.2	11.2	50.9	95.4	10.2			
70.0	16.5	66.0	4.9	25.7	75.9	6.9	35.8	85.0	10.2	45.3	90.8	9.3			
74.0				16.1	65.2	6.0									
75.0							27.8	76.8	9.3	39.0	85.2	8.4			
80.0							16.4	64.2	8.4	31.3	77.6	7.3			
85.0										23.0	68.8	6.3			
88.0										15.1	59.9	5.7			
90.1													35.0	72.2	2.1
90.7													35.0	72.2	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 orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I	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]
				44.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	1.5 m Pli	eza de p umín	lumín				
19.6	78.0	116.9	21.5												
20.0	77.6	116.8	21.5												
22.0	76.0	116.3	21.1												
24.0	74.3	115.7	20.3												
26.0	72.7	115.1	19.0												
28.0	71.0	114.5	17.4												
29.5				73.0	114.9	19.7									
30.0	69.3	113.7	16.2	72.6	114.7	19.7									
32.0	67.5	112.9	14.9	70.9	114.0	19.5									
34.0 36.0	65.8 64.0	112.0 111.1	13.8 12.8	69.2 67.4	113.3 112.5	19.1 18.7									
38.0	62.2	110.0	12.0	65.7	112.5	18.1									
40.0	60.4	108.9	11.2	63.9	110.6	17.5									
42.0	58.5	100.9	10.5	62.1	109.6	17.0									
44.0	56.6	106.4	9.8	60.2	108.5	16.3									
44.8	00.0	100.1	0.0	00.2	100.0	10.0	65.0	109.9	15.7						
46.0	54.6	105.0	9.2	58.4	107.3	15.0	64.0	109.4	16.1						
48.0	52.6	103.5	8.6	56.5	106.0	13.8	62.2	108.3	15.6						
50.0	50.6	101.9	8.1	54.5	104.6	12.7	60.3	107.2	14.9						
55.0	45.1	97.3	7.0	49.4	100.6	10.6	55.6	104.0	13.3						
60.0	39.1	91.7	6.0	43.8	95.8	9.0	50.5	100.2	11.9						
62.8										55.0	100.8	9.6			
65.0	32.1	84.6	5.3	37.6	89.9	7.6	45.1	95.6	10.8	52.9	99.2	9.8			
70.0	23.4	74.9	4.6	30.4	82.4	6.6	39.1	90.0	9.8	47.6	95.0	8.9			
73.0	16.1	66.4	4.2												
75.0				21.0	71.7	5.6	32.1	82.9	8.9	41.9	89.9	8.1			
77.0				15.8	65.6	5.2									
80.0							23.4	73.2	8.0	35.4	83.5	7.0			
83.0							16.1	64.6	7.5	00.0	75.0	0.0			
85.0										28.2	75.9	6.0			
90.0										17.7	63.8	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 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]
				44.0 i		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	4.5 m Pli	eza de p umín	lumín				
20.2	78.0	119.8	20.1												
22.0	76.6	119.4	20.0												
24.0	75.0	118.9	19.2												
26.0	73.4	118.3	18.6												
28.0	71.8	117.6	17.0												
30.0	70.1	116.9	15.7												
30.3				73.0	117.8	18.6									
32.0	68.5	116.2	14.7	71.7	117.2	18.5									
34.0	66.8	115.3	13.6	70.0	116.5	18.2									
36.0	65.1	114.4	12.5	68.4	115.7	17.9									
38.0	63.4	113.4	11.7	66.7	114.9	17.5									
40.0	61.7	112.4	11.0	65.0	114.0	16.9									
42.0	59.9	111.2	10.3	63.3	113.0	16.5									
44.0	58.1	110.0	9.6	61.6	111.9	16.1									
46.0	56.3	108.7	9.0	59.8	110.8	15.2	25.0	440.0	45.0						
46.1	54.4	407.0	8.4	50.0	400.5	40.0	65.0 63.4	112.6 111.7	15.2 15.2						
48.0 50.0	54.4 52.4	107.3 105.8	7.9	58.0 56.1	109.5 108.2	13.9 12.8	63.4 61.6	111.7 110.7	15.2 14.6						
55.0	47.4	105.6	6.8	51.4	106.2	10.5	57.2	10.7	13.0						
60.0	41.9	96.4	5.8	46.2	104.5	8.9	52.4	107.7	11.6						
64.5	41.5	30.4	5.0	40.2	100.1	0.9	32.4	104.1	11.0	55.0	103.3	9.0			
65.0	35.7	90.1	5.0	40.6	94.7	7.5	47.4	99.8	10.5	54.6	103.3	9.2			
70.0	28.3	81.9	4.4	34.2	88.0	6.4	41.9	94.6	9.5	49.7	99.0	8.6			
75.0	18.5	70.1	3.8	26.4	79.3	5.5	35.6	88.3	8.7	44.4	94.3	7.8			
76.0	15.8	66.8	3.6	20.7	70.0	0.0	00.0	00.0	0.7	77.7	04.0	7.0			
80.0	1.0.0		0.0	15.4	66.0	4.6	28.3	80.2	7.9	38.3	88.3	6.7			
85.0					00.0		18.4	68.4	7.0	32.3	81.9	5.7			
86.0							15.7	65.0	6.8	12.0	20				
90.0										24.0	72.4	4.8			
93.0										17.4	64.3	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 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]
				44.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	7.5 m Pli	eza de p umín	lumín				
20.8	78.0	122.7	18.4												
22.0	77.1	122.5	18.4												
24.0	75.6	122.0	17.8												
26.0	74.0	121.4	17.3												
28.0	72.5	120.8	16.3												
30.0	70.9	120.1	15.1												
31.2				73.0	120.6	17.0									
32.0	69.4	119.4	14.3	72.4	120.4	17.0									
34.0	67.8	118.6	13.3	70.8	119.7	16.8									
36.0	66.1 64.5	117.7	12.3	69.3 67.7	119.0	16.5 16.2									
38.0		116.8	11.4		118.1	-									
40.0 42.0	62.9 61.2	115.8 114.7	10.6 10.0	66.1 64.4	117.3 116.3	15.8 15.4									
42.0 44.0	59.5	113.5	9.3	62.8	115.3	15.4									
46.0	57.7	112.3	8.7	61.1	114.2	14.7									
47.3	51.1	112.0	0.7	01.1	117.2	17.7	65.0	115.4	14.0						
48.0	56.0	111.0	8.1	59.4	113.1	13.7	64.5	115.4	14.4						
50.0	54.1	109.5	7.6	57.6	111.8	12.6	62.8	114.1	14.3						
55.0	49.4	105.5	6.6	53.1	108.3	10.4	58.6	111.2	12.7						
60.0	44.3	100.8	5.6	48.3	104.2	8.8	54.1	107.8	11.3						
65.0	38.7	95.1	4.8	43.1	99.2	7.4	49.4	103.8	10.3						
66.2										55.0	105.7	8.4			
70.0	32.2	87.9	4.1	37.3	93.2	6.2	44.3	99.1	9.3	51.6	102.9	8.4			
75.0	24.3	78.5	3.5	30.6	85.7	5.3	38.7	93.3	8.4	46.5	98.4	7.4			
79.0	15.5	67.2	3.0												
80.0				22.2	75.4	4.5	32.2	86.2	7.7	41.1	93.0	6.3			
83.0				15.1	66.4	4.0									
85.0							24.3	76.7	6.8	35.7	87.3	5.4			
89.0							15.4	65.4	6.1						
90.0										28.7	79.2	4.5			
95.0										19.4	67.8	3.7			
96.0										17.0	64.7	3.5			



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	88° Án	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]
				44.0 ı						eza de p	lumín				
					Cab		lumín (2 1 ] Posici			umm					
21.4	78.0	125.7	17.0												
22.0	77.6	125.6	17.0												
24.0	76.1	125.1	16.6												
26.0	74.6	124.5	16.1												
28.0	73.2	123.9	15.5												
30.0	71.7	123.3	14.5												
32.0	70.2	122.6	13.8												
32.1				73.0	123.5	15.7									
34.0	68.6	121.8	13.1	71.6	122.9	15.6									
36.0	67.1	121.0	12.1	70.1	122.2	15.3									
38.0	65.5	120.1	11.1	68.5	121.4	15.0									
40.0	64.0	119.1	10.4	67.0	120.6	14.7									
42.0	62.4	118.1	9.7	65.4	119.7	14.4									
44.0	60.7	117.0	9.1	63.9	118.7	14.1									
46.0	59.1	115.8	8.5	62.3	117.7	13.8									
48.0	57.4	114.6	7.9	60.6	116.6	13.5									
48.6							65.0	118.1	13.2						
50.0	55.7	113.2	7.4	59.0	115.4	12.5	63.9	117.4	13.6				<u> </u>		
55.0	51.2	109.5	6.3	54.7	112.1	10.3	59.9	114.7	12.4						
60.0	46.5	105.0	5.4	50.2	108.2	8.7	55.7	111.5	11.1						
65.0	41.3	99.8	4.6	45.4	103.6	7.3	51.2	107.8	9.9						
67.9										55.0	108.2	7.9			
70.0	35.5	93.4	3.9	40.1	98.1	6.1	46.5	103.3	9.0	53.3	106.7	8.1			
75.0	28.8	85.3	3.3	34.1	91.4	5.2	41.3	98.0	8.2	48.7	102.6	7.3			
80.0	20.0	74.0	2.8	27.0	82.8	4.4	35.5	91.6	7.5	43.5	97.5	6.2			
82.0	15.2	67.6	2.6												
85.0				17.5	70.3	3.6	28.7	83.6	6.7	38.6	92.3	5.3			
86.0				15.7	68.0	3.2									
90.0							19.9	72.3	5.9	32.4	85.2	4.4			
92.0							15.1	65.8	5.6						
95.0										24.9	75.9	3.6			
99.0										16.7	65.1	3.0			



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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]
				44.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	3.5 m Pli	eza de p umín	lumín				
22.1	78.0	128.6	15.1												
24.0	76.7	128.2	14.9												
26.0	75.2	127.7	14.5												
28.0	73.8	127.1	14.2												
30.0	72.4	126.5	13.4												
32.0	70.9	125.8	12.7												
33.0				73.0	126.4	13.9									
34.0	69.4	125.0	12.2	72.3	126.0	13.9									
36.0	67.9	124.2	11.4	70.8	125.3	13.8									
38.0 40.0	66.4 64.9	123.4 122.4	10.6 9.8	69.3 67.9	124.6 123.8	13.5 13.3									
40.0	63.4	122.4	9.6	66.4	123.6	13.0									
42.0 44.0	61.8	121.5	8.5	64.8	122.9	12.7									
46.0	60.2	119.3	8.0	63.3	121.0	12.7									
48.0	58.6	118.1	7.4	61.7	119.9	12.2									
49.9	00.0		7	01	110.0		65.0	120.8	12.3						
50.0	57.0	116.8	6.9	60.1	118.8	11.8	64.9	120.7	12.3						
55.0	52.8	113.2	5.8	56.1	115.6	9.8	61.0	118.1	11.7						
60.0	48.3	109.0	5.0	51.8	111.9	8.3	57.0	115.1	10.5						
65.0	43.4	104.0	4.2	47.2	107.6	7.0	52.7	111.5	9.4						
69.6										55.0	110.6	7.4			
70.0	38.1	98.1	3.5	42.3	102.4	5.8	48.2	107.3	8.6	54.7	110.4	7.4			
75.0	32.0	90.9	2.9	36.8	96.3	4.8	43.4	102.3	7.7	50.3	106.5	6.8			
80.0	24.7	81.4	2.4	30.5	88.6	4.1	38.1	96.4	7.0	46.1	102.4	5.8			
85.0				22.7	78.4	3.3	32.0	89.1	6.3	41.1	97.0	4.9			
89.0				15.4	68.4	2.6									
90.0							24.6	79.6	5.5	35.5	90.6	4.0			
95.0							15.7	67.4	4.5	29.0	82.6	3.2			
100.0										20.8	71.6	2.5			
102.0										16.4	65.6	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 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]
				44.0 ı			ıl, Punto lumín (2:			eza de p umín	lumín		_		
						40.0 [ m	ı] Posici	ón midfa	II (2316)						
22.7	78.0	131.5	14.0												
24.0	77.1	131.3	14.0												
26.0	75.8	130.8	13.6												
28.0	74.4	130.2 129.6	13.3												
30.0 32.0	73.0 71.6	129.6	12.9 12.2												
33.9	/ 1.0	129.0	12.2	73.0	129.2	13.1									
34.0	70.2	128.2	11.7	73.0	129.2	13.1									
36.0	68.8	127.5	11.7	71.5	128.5	13.0									
38.0	67.3	126.6	10.4	70.1	127.8	12.8									
40.0	65.9	125.8	9.6	68.7	127.0	12.5									
42.0	64.4	124.8	8.9	67.2	126.2	12.3									
44.0	62.9	123.8	8.3	65.8	125.3	12.0									
46.0	61.4	122.7	7.8	64.3	124.4	11.8									
48.0	59.8	121.6	7.2	62.8	123.4	11.6									
50.0	58.3	120.3	6.7	61.3	122.3	11.4									
51.1							65.0	123.5	11.6						
55.0	54.3	116.9	5.6	57.4	119.2	9.7	62.1	121.6	11.4						
60.0	50.0	113.0	4.8	53.3	115.7	8.1	58.3	118.6	10.3						
65.0	45.5	108.4	4.0	49.0	111.6	6.9	54.3	115.2	9.2						
70.0	40.6	102.9	3.3	44.4	106.8	5.7	50.0	111.3	8.3	0	440.4	0.0			
71.4 75.0	35.1	96.4	2.7	39.4	101.2	4.7	45.5	106.6	7.5	55.0 52.0	113.1 110.3	6.8 6.6			
75.0 80.0	28.8	96.4 88.2	2.7	39.4	94.3	3.9	45.5 40.6	106.6	6.8	52.0 48.0	110.3	5.5			
85.0	20.0	00.2	2.2	33.6 27.1	94.3 85.6	3.9	35.1	94.6	6.2	43.4	100.5	5.5 4.6			
90.0				18.4	73.4	2.6	28.7	86.4	5.4	38.3	95.7	3.8			
92.0				15.2	68.8	2.2	20.7		0.4	00.0	00.7	0.0			
95.0					00.0		20.6	75.3	4.7	32.5	88.5	3.0			
98.0							15.4	67.8	4.0						
100.0										25.6	79.4	2.3			
102.0										22.3	74.8	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 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]
				44.0 ı			al, Punto Iumín (2			eza de p	lumín				
					Cab		numm (2 n ] Posici								
23.4	78.0	134.5	12.7												
24.0	77.6	134.3	12.7												
26.0	76.3	133.9	12.6												
28.0	74.9	133.3	12.3												
30.0	73.6	132.7	12.1												
32.0	72.2	132.1	11.5												
34.0	70.9	131.4	11.0												
34.8				73.0	132.1	11.9									
36.0	69.5	130.7	10.7	72.2	131.7	11.9									
38.0	68.1	129.9	10.1	70.8	131.0	11.7									
40.0	66.7	129.0	9.3	69.4	130.3	11.5									
42.0	65.3	128.1	8.6	68.0	129.5	11.2									
44.0	63.9	127.2	8.0	66.6	128.6	11.0									
46.0	62.4	126.1	7.5	65.2	127.7	10.7									
48.0	61.0	125.0	7.0	63.8	126.7	10.5									
50.0	59.5	123.9	6.5	62.3	125.7	10.3									
52.4							65.0	126.2	10.5						
55.0	55.7	120.6	5.4	58.6	122.8	9.2	63.1	125.0	10.4	•			<u> </u>		
60.0	51.6	116.9	4.5	54.8	119.5	7.8	59.5	122.2	9.7						
65.0	47.4	112.5	3.7	50.7	115.6	6.8	55.6	118.9	8.9						
70.0	42.8	107.5	3.0	46.4	111.1	5.6	51.6	115.2	8.0						
73.1										55.0	115.5	6.4			
75.0	37.8	101.5	2.5	41.7	105.8	4.6	47.4	110.8	7.3	53.5	114.1	6.3			
80.0				36.6	99.6	3.7	42.8	105.7	6.5	49.7	110.5	5.2			
85.0				30.7	91.9	3.0	37.8	99.7	5.9	45.4	105.9	4.3			
90.0				23.6	82.0	2.4	32.1	92.5	5.3	40.6	100.4	3.4			
95.0							25.3	83.1	4.5	35.4	94.0	2.6			
99.0										30.7	87.7	2.1			
100.0							16.1	69.6	3.7						
101.0							15.2	68.2	3.4						



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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]
				44.0	m Pluma Cab	principa eza de p	al, Punto lumín (2	de carga 316-1) 9	1 - Cab 2.5 m Pl	eza de p umín	lumín		_		
						46.0 [ m	n] Posici	ón midfa	II (2316)						
24.0	78.0	137.4	11.7												
26.0	76.7	136.9	11.6												
28.0	75.4	136.4	11.4												
30.0	74.1	135.9	11.1												
32.0	72.8	135.3	10.8												
34.0	71.5	134.6	10.4												
35.6				73.0	135.0	10.9									
36.0	70.2	133.9	10.1	72.8	134.8	10.9									
38.0	68.9	133.1	9.9	71.4	134.2	10.8									
40.0	67.5	132.3	9.1	70.1	133.5	10.6									
42.0	66.2	131.4	8.4	68.8	132.7	10.4				ł			ł		
44.0 46.0	64.8 63.4	130.5 129.5	7.8 7.2	67.4 66.1	131.9 131.0	10.2 9.9				ł			ł		
48.0	62.0	129.5	6.8	64.7	130.1	9.9									
50.0	60.6	127.4	6.3	63.3	129.1	9.6				i			i		
53.7	00.0	127.4	0.5	03.3	129.1	3.4	65.0	129.0	9.5						
55.0	56.9	124.3	5.2	59.8	126.3	8.7	64.1	128.3	9.5						
60.0	53.1	120.7	4.3	56.1	123.1	7.5	60.6	125.6	9.1	i			i		
65.0	49.1	116.6	3.6	52.2	119.4	6.5	56.9	122.5	8.5	i			i		
70.0	44.8	111.8	2.9	48.2	115.2	5.5	53.1	119.0	7.7						
74.8										55.0	118.0	5.9			
75.0	40.2	106.3	2.3	43.8	110.3	4.5	49.1	114.9	7.1	54.8	117.9	5.9			
80.0				39.1	104.5	3.6	44.8	110.1	6.3	51.3	114.4	5.0			
85.0				33.8	97.6	2.9	40.1	104.6	5.7	47.2	110.0	4.1			
90.0				27.6	89.0	2.3	35.0	97.9	5.2	42.8	105.0	3.2			
95.0							29.1	89.8	4.3	38.0	99.0	2.4			
98.0										34.8	94.9	2.0			
100.0							22.7	80.6	3.5						
103.0							17.2	72.2	3.1						



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]
				44.0		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9	5.5 m Pl		lumín				
24.6	78.0	140.4	10.7												
26.0	77.1	140.0	10.7												
28.0	75.9	139.5	10.5												
30.0	74.7	139.0	10.3												
32.0	73.4	138.4	10.1												
34.0	72.1	137.8	9.7												
36.0	70.9	137.1	9.5												
36.5				73.0	137.8	9.9									
38.0	69.6	136.4	9.2	72.1	137.4	9.9									
40.0	68.3	135.6	8.8	70.8	136.7	9.8									
42.0	67.0	134.7	8.1	69.5	135.9	9.6									
44.0	65.6	133.8	7.5	68.2	135.1	9.4									
46.0	64.3	132.9	6.9	66.9	134.3	9.2									
48.0	63.0	131.9	6.4	65.6	133.4	8.9									
50.0	61.6	130.8	6.0	64.2	132.4	8.7									
55.0	58.1	127.8	5.0	60.8	129.8	8.3	65.0	131.7	8.7						
60.0	54.5	124.4	4.0	57.3	126.7	7.2	61.6	129.1	8.5						
65.0	50.6	120.5	3.3	53.6	123.2	6.2	58.1	126.1	8.1						
70.0	46.6	116.1	2.6	49.8	119.2	5.4	54.4	122.7	7.4						
75.0				45.7	114.6	4.4	50.6	118.8	6.7						
76.5										55.0	120.5	5.3			
80.0				41.3	109.2	3.4	46.6	114.3	6.1	52.7	118.2	4.7			
85.0				36.4	102.9	2.7	42.3	109.2	5.4	48.8	114.1	3.7			
90.0							37.5	103.1	4.9	44.7	109.3	2.9			
95.0							32.8	96.7	4.1	40.2	103.8	2.1			
100.0							26.7	87.8	3.3						
105.0							18.9	75.8	2.5						
106.0		l					16.9	72.6	2.4						



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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]
				44.0	m Pluma Cab	eza de p	olumín (2	316-1) 9	8.5 m Pl	eza de p umín	lumín			-	
						52.0 [ m	n ] Posici	ón midfa	II (2316)						
25.2	78.0	143.3	9.9												
26.0	77.5	143.1	9.9												
28.0	76.3	142.6	9.8				•			•			<u> </u>		
30.0	75.1	142.1	9.6												
32.0	73.9	141.5	9.4												
34.0	72.7	140.9	9.1												
36.0	71.5	140.3	8.9												
37.4				73.0	140.7	9.1									
38.0	70.2	139.6	8.7	72.6	140.5	9.1									
40.0	69.0	138.8	8.5	71.4	139.8	9.1	-								
42.0	67.7	138.0	7.9	70.1	139.1	8.9									
44.0	66.4	137.1	7.3	68.9	138.4	8.7									
46.0 48.0	65.2 63.9	136.2 135.2	6.7 6.2	67.6 66.4	137.6 136.7	8.5 8.3	ł			ł					
50.0	62.5	134.2	5.8	65.1	135.8	8.1									
55.0	59.2	131.4	4.8	61.8	133.2	7.8									
56.2	39.2	131.4	4.0	01.0	133.2	7.0	65.0	134.4	7.9	i					
60.0	55.7	128.1	3.8	58.4	130.3	6.9	62.5	132.5	7.9	i					
65.0	52.1	124.4	3.1	54.9	126.9	6.0	59.2	129.7	7.6	i					
70.0	48.2	120.2	2.5	51.2	123.1	5.2	55.7	126.4	7.0						
75.0				47.4	118.8	4.3	52.1	122.7	6.4						
78.2										55.0	122.9	4.7			
80.0		İ		43.2	113.7	3.4	48.2	118.5	5.9	54.1	122.0	4.4	İ		
85.0				38.7	107.9	2.6	44.2	113.6	5.2	50.4	118.0	3.4			
90.0							39.8	107.9	4.6	46.4	113.6	2.6			
93.0										44.0	110.5	2.1			
95.0							35.5	102.1	3.8						
100.0							30.1	94.2	3.0						
105.0							23.5	84.2	2.3						
107.0	I						20.4	79.1	2.0			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]
				44.0 ı		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	1.5 m P	eza de p lumín	lumín				
25.9	78.0	146.2	9.2												
26.0	77.9	146.2	9.2												
28.0	76.8	145.7	9.1												
30.0	75.6	145.2	8.9												
32.0	74.4	144.7	8.7												
34.0	73.2	144.1	8.6												
36.0	72.0	143.4	8.3												
38.0	70.8	142.7	8.1												
38.3				73.0	143.6	8.4									
40.0	69.6	142.0	7.9	72.0	143.0	8.4									
42.0	68.4	141.2	7.6	70.8	142.3	8.3									
44.0	67.2	140.4	7.0	69.6	141.6	8.1									
46.0	65.9	139.5	6.4	68.3	140.8	7.9									
48.0	64.7	138.6	5.9	67.1	140.0	7.8									
50.0	63.4	137.6	5.5	65.9	139.1	7.6									
55.0	60.2	134.9	4.5	62.7	136.6	7.2									
57.5							65.0	137.1	7.3						
60.0	56.9	131.7	3.6	59.5	133.8	6.6	63.4	135.9	7.3						
65.0	53.4	128.2	2.8	56.1	130.6	5.7	60.2	133.1	7.0						
70.0	49.8	124.2	2.2	52.6	127.0	4.9	56.8	130.0	6.7						
75.0				48.9	122.8	4.1	53.4	126.5	6.1						
80.0				45.0	118.1	3.2	49.7	122.5	5.6	55.0	125.4	4.0			
85.0				40.8	112.6	2.4	45.9	117.9	5.0	51.8	121.9	3.1			
87.0				39.0	110.2	2.1									
90.0							41.8	112.6	4.3	48.0	117.7	2.2			
91.0										47.3	116.7	2.1			
95.0							37.8	107.1	3.5						
100.0							32.9	100.0	2.7						
105.0							27.2	91.2	2.0						



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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]
				44.0 ı		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	4.5 m P	eza de p lumín	lumín				
26.5	78.0	149.2	8.5												
28.0	77.1	148.8	8.5												
30.0	76.0	148.3	8.4												
32.0	74.9	147.8	8.2												
34.0	73.7	147.2	8.0												
36.0	72.6	146.6	7.8												
38.0	71.4	145.9	7.6												
39.1				73.0	146.4	7.8									
40.0	70.2 69.1	145.2 144.5	7.4	72.5 71.3	146.2	7.8									
42.0 44.0	69.1	144.5	7.3 6.8	71.3	145.5 144.8	7.7 7.6									
46.0	66.7	143.7	6.2	69.0	144.0	7.6									
48.0	65.5	141.9	5.7	67.8	144.0	7.4									
50.0	64.3	140.9	5.7	66.6	143.2	7.3							ł		
55.0	61.1	138.3	4.3	63.6	140.0	6.7									
58.8	01.1	130.3	7.0	03.0	140.0	0.7	65.0	139.8	6.7						
60.0	57.9	135.3	3.4	60.4	137.3	6.3	64.2	139.2	6.7						
65.0	54.6	131.9	2.6	57.2	134.2	5.4	61.1	136.6	6.5						
70.0				53.9	130.7	4.7	57.9	133.6	6.3			İ			
75.0				50.3	126.8	4.1	54.6	130.2	5.7						
80.0				46.7	122.3	3.2	51.1	126.4	5.3						
81.7										55.0	127.8	3.5			
85.0				42.7	117.2	2.3	47.5	122.0	4.8	53.0	125.7	2.9			
90.0							43.6	117.0	4.2	49.5	121.7	2.1			
95.0							39.9	112.0	3.4						
100.0							35.4	105.4	2.6						
104.0							31.3	99.2	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]
				44.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 10	17.5 m P	eza de p lumín	lumín				
27.1	78.0	152.1	7.7												
28.0	77.5	151.9	7.7												
30.0	76.4	151.4	7.5												
32.0	75.3	150.9	7.4												
34.0	74.2	150.3	7.2												
36.0	73.1	149.7	7.0												
38.0	71.9	149.1	6.8												
40.0	70.8	148.4	6.7	73.0	149.3	6.9									
42.0	69.7	147.7	6.5	71.9	148.7	6.9									
44.0	68.5	146.9	6.3	70.8	148.0	6.8									
46.0	67.4	146.1	5.8	69.6	147.2	6.6									
48.0	66.2	145.2	5.3	68.5	146.5	6.5									
50.0	65.0	144.3	4.9	67.3	145.6	6.4									
55.0	62.0	141.7	4.0	64.4	143.3	6.0									
60.0	58.9	138.9	3.1	61.3	140.7	5.7	65.0	142.5	5.9						
65.0	55.8	135.6	2.3	58.2	137.8	5.0	62.0	140.0	5.8						
70.0				55.0	134.4	4.3	58.9	137.1	5.5						
75.0				51.7	130.7	3.8	55.7	133.9	5.2						
80.0				48.2	126.4	3.0	52.4	130.2	4.8						
83.4										55.0	130.3	2.8			
85.0				44.4	121.5	2.2	48.9	126.1	4.5	54.2	129.5	2.6			
88.0										52.2	127.2	2.0			
90.0							45.3	121.3	3.9						
95.0							41.8	116.6	3.1						
100.0							37.6	110.5	2.3						
101.0							36.7	109.1	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]
				44.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.7	78.0	155.0	6.9												
28.0	77.9	155.0	6.9												
30.0	76.8	154.5	6.9												
32.0	75.7	154.0	6.7												
34.0	74.6	153.5	6.5												
36.0	73.5	152.9	6.4												
38.0	72.5	152.2	6.2												
40.0	71.4	151.6	6.0												
40.9				73.0	152.2	6.2									
42.0	70.3	150.9	5.9	72.4	151.8	6.2									
44.0	69.1	150.1	5.8	71.3	151.2	6.1									
46.0	68.0	149.3	5.4	70.2	150.4	6.0									
48.0 50.0	66.9 65.8	148.5 147.6	4.9 4.5	69.1 68.0	149.7 148.9	5.8 5.7									
55.0	62.9	147.6	3.7	65.1	146.9	5.7									
60.0	59.9	143.1	2.9	62.2	144.2	5.3									
61.3	39.9	142.4	2.9	02.2	144.2	J. I	65.0	145.3	5.1						
65.0	56.8	139.2	2.1	59.2	141.3	4.6	62.8	143.4	5.1						
70.0	30.0	155.2	2.1	56.1	138.1	3.9	59.9	140.6	4.9						
75.0				52.9	134.5	3.5	56.8	137.5	4.6						
80.0				49.5	130.4	2.9	53.6	134.0	4.4						
85.0				10.0		2.0	50.3	130.0	4.1						
85.1							23.0			55.0	132.7	2.2			
86.0										54.7	132.4	2.1			
90.0							46.8	125.5	3.6						
95.0							43.5	121.0	2.8						
100.0							39.6	115.3	2.0						



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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]
				44.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3:	2.5 m Pl	eza de p umín	lumín				
11.5	78.0	78.7	41.2												
12.0	77.0	78.6	41.2												
13.0	75.2	78.3	39.6												
14.0	73.3	78.0	38.3												
16.0 18.0	69.6 65.8	77.3 76.5	35.4 32.6												
18.0	05.8	/6.5	32.6	73.0	77.6	35.9									
20.0	61.8	75.4	30.6	73.0 69.4	77.6 76.9	35.9									
22.0	57.7	74.2	28.0	65.5	76.9 76.0	31.8									
24.0	53.4	72.8	25.9	61.6	75.0	30.0									
26.0	48.8	71.1	24.1	57.4	73.8	28.3									
28.0	43.8	69.1	22.3	53.1	72.3	26.9									
28.3							65.0	74.6	29.0				i		
30.0	38.3	66.8	20.7	48.5	70.6	25.5	61.8	73.7	30.3			İ	İ		
32.0	32.0	63.8	19.5	43.5	68.6	24.1	57.6	72.5	29.0						
34.0	24.3	59.9	18.3	38.0	66.2	22.9	53.3	71.1	27.7						
36.0	15.2	55.0	15.1	31.6	63.2	21.5	48.7	69.4	26.6						
38.0				23.8	59.3	19.7	43.7	67.4	25.1						
39.0				18.7	56.6	18.8									
40.0							38.3	65.0	23.9						
40.4										55.0	68.8	22.4			
42.0							32.0	62.1	22.6	51.7	67.7	22.6			
44.0							24.2	58.2	20.9	46.9	65.9	21.7			
46.0							15.0	53.2	15.1	41.8	63.8	20.7			
48.0										36.1	61.2	19.8			
50.0										29.4	58.0	19.1			
53.0 60.6										16.8	51.4	15.1	35.0	51.6	12.4
65.0													35.0 18.1	43.0	12.4



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 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]
				44.0		eza de p	al, Punto Ilumín (1 n l Posici	916-1) 3	5.5 m Pl	eza de p umín	lumín				
L					1	10.0[11	Posici	on midia	11 (1910)						ı
12.1 13.0	78.0 76.5	81.7 81.4	36.4 35.9	l						ł					
14.0	74.8	81.2	34.5							ł					
16.0	71.4	80.5	31.8												
18.0	67.9	79.7	29.6	i						i					
18.9	07.0		20.0	73.0	80.5	31.3									
20.0	64.4	78.8	27.5	71.2	80.1	30.8				İ					
22.0	60.7	77.7	25.9	67.7	79.3	28.9				İ			İ		
24.0	56.9	76.5	24.1	64.2	78.4	27.0									
26.0	52.9	75.0	22.7	60.5	77.3	25.7									
28.0	48.7	73.4	21.5	56.7	76.0	24.3									
29.6							65.0	77.3	27.0						
30.0	44.2	71.4	20.0	52.7	74.6	23.3	64.4	77.1	27.0						
32.0	39.2	69.1	18.8	48.4	72.9	22.2	60.7	76.0	26.1						
34.0	33.7	66.3	17.8	43.9	70.9	21.0	56.9	74.8	25.0						
36.0	27.1	62.8	16.8	38.9	68.5	19.9	52.9	73.3	24.0						
38.0	18.5	57.8	15.8	33.3	65.7	19.0	48.7	71.6	23.0						
40.0				26.7	62.1 57.0	17.8	44.1 39.2	69.7	21.8						
42.0 42.1				17.9	57.0	16.6	39.2	67.4	20.7	55.0	71.3	20.9			
44.0							33.6	64.6	19.8	51.4	69.9	21.1			
46.0							27.1	61.0	18.7	47.0	68.1	20.2			
48.0				I			18.4	56.0	17.5	47.0 42.4	66.1	19.3			
50.0							10.7	30.0	17.0	37.2	63.6	18.5			
55.0										19.8	54.0	16.8			
56.0										16.1	51.8	15.1			
63.1													35.0	53.3	11.7
65.0				İ						ĺ			29.9	50.6	11.9
68.0													17.3	43.4	11.1



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]
				44.0 ı		eza de p	al, Punto dumín (1 n ] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
12.7	78.0	84.6	32.7												
13.0 14.0	77.5 76.0	84.5 84.3	32.7 31.7												
16.0	76.0	83.7	29.4												
18.0	69.8	83.0	27.4												
19.8	00.0	00.0		73.0	83.3	27.9									
20.0	66.5	82.1	25.5	72.7	83.3	27.9							İ		
22.0	63.2	81.2	23.9	69.6	82.6	26.4									
24.0	59.8	80.0	22.6	66.3	81.7	25.0									
26.0	56.3	78.8	21.4	63.0	80.7	23.7									
28.0	52.6	77.3	20.4	59.6	79.6	22.6									
30.0	48.7	75.6	19.4	56.0	78.3	21.6									
30.9		70.0	40.0	50.0	70.0	00.0	65.0	80.0	24.2						
32.0 34.0	44.5 40.0	73.6 71.4	18.3 17.3	52.3 48.4	76.8 75.1	20.8 19.8	63.2 59.8	79.5 78.3	24.1 23.1						
36.0	35.0	68.7	16.5	44.3	73.1	18.7	56.2	77.0	22.2						
38.0	29.3	65.4	15.7	39.7	70.9	17.8	52.5	75.6	21.3						
40.0	22.3	61.1	14.8	34.7	68.1	17.0	48.6	73.9	20.5						
41.0	17.7	58.2	14.4	0	00.1		10.0		20.0				İ		
42.0				28.9	64.8	16.2	44.5	71.9	19.4						
43.8										55.0	73.8	19.6			
44.0				21.8	60.4	15.3	40.0	69.7	18.4	54.9	73.7	20.4			
45.0				17.1	57.5	14.9									
46.0							35.0	67.0	17.7	51.1	72.2	19.8			
48.0							29.2	63.7	16.9	47.1	70.4	19.0			
50.0							22.2	59.4	16.0	42.9	68.3	18.2			
51.0							17.6	56.5	15.6	20.4	61.4	16.5			
55.0 59.0										30.1 15.4	61.4 52.2	16.5 13.7			
65.6										13.4	32.2	13.7	35.0	55.0	11.0
70.0													21.4	46.9	10.5
71.0													16.6	43.8	10.3



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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]
				44.0 ו		eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 4	1.5 m Pli	eza de p umín	lumín				
13.3	78.0	87.5	29.3												
14.0	77.0	87.4	29.3												
16.0	74.2	86.8	27.3												
18.0	71.3	86.2	25.3												
20.0	68.3	85.4	23.8												
20.7				73.0	86.2	25.0									
22.0	65.3	84.5	22.1	71.1	85.8	24.6									
24.0	62.2	83.5	20.9	68.1	85.0	23.1									
26.0	59.0	82.3	19.8	65.1	84.1	21.9									
28.0	55.7	81.0	18.7	62.0	83.1	20.9									
30.0	52.3 48.6	79.5 77.8	17.9	58.8	81.9 80.6	19.9									
32.0 32.1	48.6	77.8	17.1	55.5	80.6	19.0	65.0	82.7	20.5						
34.0	44.8	75.9	16.2	52.0	79.1	18.2	62.2	81.8	20.5						
36.0	40.7	73.7	15.4	48.4	77.3	17.4	59.0	80.6	20.4						
38.0	36.1	71.1	14.6	44.6	75.4	16.5	55.7	79.3	19.5						
40.0	31.0	68.0	14.0	40.4	73.1	15.7	52.2	77.8	18.7						
42.0	25.0	64.1	13.2	35.9	70.5	15.0	48.6	76.1	18.0						
44.0	17.0	58.7	12.5	30.7	67.4	14.3	44.7	74.2	17.1				İ		
45.5										55.0	76.2	17.5			
46.0				24.6	63.4	13.6	40.6	72.0	16.2	54.4	76.0	18.5			
48.0				16.4	57.9	12.8	36.1	69.4	15.5	50.9	74.4	18.0			
50.0							31.0	66.2	14.9	47.2	72.6	17.3	ļ		
54.0							16.9	56.9	13.4						
55.0										36.7	66.9	15.5			
60.0										22.3	57.8	14.0			
61.0										18.2	55.0	13.7			
68.0													35.0	56.7	10.3
70.0													30.4	53.9	10.2
74.0													15.9	44.2	9.3



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		gulo de orincipa			gulo de orincipa			gulo de orincipa		65° Án	gulo de principa	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]
				44.0 ı	m Pluma Cab	eza de p	lumín (1	916-1) 4	4.5 m Pl		lumín				
<u> </u>						25.0 [ m	] Posici	ón midta	II (1916)	_			_		
13.9	78.0	90.5	26.6												
14.0	77.9	90.5	26.6												
16.0	75.3	90.0	25.3												
18.0	72.6	89.3	23.7												
20.0 21.6	69.9	88.6	22.2	73.0	89.1	22.7									
22.0	67.1	87.8	20.7	73.0	88.9	22.7				l					
24.0	64.2	86.9	19.4	69.7	88.2	21.5				i			i		
26.0	61.3	85.8	18.4	66.9	87.4	20.4				i			i		
28.0	58.3	84.6	17.4	64.1	86.4	19.4				i					
30.0	55.2	83.3	16.6	61.1	85.4	18.6									
32.0	52.0	81.8	15.9	58.1	84.2	17.7									
33.4							65.0	85.5	19.6						
34.0	48.6	80.1	15.2	55.0	82.8	16.8	64.2	85.2	19.6						
36.0	45.0	78.1	14.4	51.8	81.3	16.2	61.3	84.1	18.9						
38.0	41.2	76.0	13.7	48.4	79.6	15.4	58.3	82.9	18.2						
40.0	37.1	73.4	13.1	44.8	77.6	14.6	55.2	81.6	17.3						
42.0 44.0	32.5 27.2	70.5 66.9	12.6 11.9	41.0 36.8	75.4 72.9	14.0 13.4	51.9 48.6	80.1 78.4	16.6 15.9	ł			ł		
46.0	20.6	62.2	11.9	32.2	69.9	12.8	46.0 45.0	76.4 76.4	15.9						
47.0	16.4	59.1	11.0	32.2	09.9	12.0	45.0	70.4	13.1						
47.3	10.4	00.1	11.0							55.0	78.7	15.7	i		
48.0				26.8	66.3	12.1	41.2	74.2	14.4	54.0	78.2	16.9			
50.0	İ			20.2	61.5	11.5	37.0	71.7	13.8	50.7	76.6	16.4	İ		
51.0				15.8	58.3	11.1									
55.0							24.0	63.0	12.3	41.7	71.7	14.7			
57.0							16.3	57.3	11.6						
60.0										30.6	64.7	13.3			
64.0										17.6	55.4	12.1			
70.5													35.0	58.5	9.7
75.0													22.4	49.9	8.9
77.0													15.4	44.6	8.5



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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]
				44.0		eza de p	ıl, Punto lumín (19 n ] Posici	916-1) 4 <sup>-</sup>	7.5 m Pl	eza de p umín	lumín				
14.6	78.0	93.4	23.6												
16.0	76.2	93.1	23.1												
18.0	73.7	92.5	21.8												
20.0	71.2	91.8	20.5												
22.0	68.6	91.1	19.5												
22.5				73.0	91.9	20.2									
24.0	66.0	90.2	18.5	71.0	91.4	19.9									
26.0	63.3	89.2	17.8	68.4	90.6	19.1									
28.0	60.5	88.1	17.1	65.8	89.8	18.4									
30.0	57.7	86.9	16.4	63.1	88.8	17.8									
32.0	54.8	85.5	15.8	60.4	87.7	17.3									
34.0	51.7	84.0	15.4	57.5	86.4	16.7									
34.7	40.0		447	540	05.4	40.0	65.0	88.2	18.1						
36.0	48.6	82.3	14.7	54.6	85.1	16.2	63.3	87.5	18.0						
38.0	45.2	80.4	13.9	51.6	83.5	15.8	60.5	86.4	17.4						
40.0	41.7 37.9	78.2	13.2 12.5	48.4	81.8 79.9	15.1	57.7	85.2 83.8	17.0 16.5						
42.0 44.0	37.9	75.8 72.9	12.5 12.0	45.0 41.5	79.9 77.7	14.5 14.0	54.8 51.7	83.8 82.3	16.5						
46.0	28.9	69.5	11.4	37.6	77.7 75.2	13.5	48.5	80.6	15.6						
48.0	23.3	65.3	10.8	33.4	73.2 72.4	12.9	45.2	78.7	14.9						
49.0	23.3	05.5	10.0	33.4	12.4	12.9	43.2	10.1	14.5	55.0	81.1	15.4			
50.0	15.9	59.5	10.2	28.6	68.9	12.1	41.6	76.5	14.3	53.7	80.5	16.0			
54.0	10.0	33.3	10.2	15.3	58.7	10.6	41.0	70.5	14.5	55.1	00.5	10.0			
55.0				10.0	00.1	10.0	31.3	69.6	12.9	45.7	76.1	14.9			
60.0							15.8	57.7	11.2	36.3	70.2	13.4			
65.0								· · · · ·		24.1	61.4	12.2			
67.0										17.0	55.9	11.6			
72.9											23.0		35.0	60.2	9.1
75.0													30.2	56.8	8.6
80.0													16.4	46.2	7.7



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

		gulo de 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]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	0.5 m Pl		lumín				
15.2	78.0	96.3	21.5												
16.0	77.1	96.1	21.5												
18.0	74.7	95.6	20.4												
20.0	72.3	95.0	19.4												
22.0	69.9	94.3	18.6												
23.3				73.0	94.8	18.7									
24.0	67.5	93.5	18.0	72.2	94.6	18.7									
26.0	65.0	92.6	17.4	69.8	93.9	18.2									
28.0	62.5	91.6	16.9	67.3	93.1	17.8									
30.0	59.8	90.4	16.5	64.9	92.1	17.4									
32.0	57.2	89.2	16.0	62.3	91.1	17.0									
34.0	54.4	87.8	15.6	59.7	90.0	16.7									
35.9	54.5	00.0	45.0	57.0	00.7	40.0	65.0	90.9 90.9	16.7						
36.0 38.0	51.5 48.6	86.3 84.5	15.3 14.7	57.0 54.2	88.7 87.3	16.3 16.0	65.0 62.4	89.9	17.3 17.1						
40.0	45.4	82.6	13.8	51.4	85.8	15.8	59.8	88.7	16.7						
40.0	42.1	80.5	13.0	48.4	84.0	15.6	59.6 57.1	87.5	16.7						
44.0	38.5	78.1	12.3	45.2	82.1	14.7	54.4	86.1	16.2	l					
46.0	34.7	75.3	11.7	41.9	80.0	14.7	51.5	84.5	15.9						
48.0	30.4	72.1	11.2	38.3	77.6	13.8	48.5	82.8	15.6						
50.0	25.4	68.2	10.7	34.4	74.8	13.3	45.4	80.9	15.0						
50.7				•						55.0	83.6	15.0			
53.0	15.4	59.9	9.9												
55.0				22.2	65.3	11.2	36.6	75.0	13.9	48.9	80.3	14.9			
57.0				16.3	60.3	9.9		<u> </u>							
60.0							25.4	66.5	12.2	40.8	75.1	13.8			
63.0							15.3	58.1	11.1						
65.0										30.9	68.0	12.7			
70.0										16.4	56.3	11.5			
75.4													35.0	61.9	8.5
80.0													24.8	54.1	7.7
83.0													15.9	46.7	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 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]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	3.5 m Plı	eza de p umín	lumín				
15.8 16.0 18.0 20.0 22.0	78.0 77.8 75.6 73.4 71.1	99.3 99.2 98.7 98.2 97.5	19.5 19.5 18.8 18.0 17.1												
24.0 24.2 26.0 28.0 30.0	68.8 66.5 64.1 61.7	96.7 95.9 94.9 93.9	16.5 16.0 15.6 15.3	73.0 71.0 68.7 66.4	97.7 97.1 96.3 95.5	17.0 16.8 16.4 16.0									
32.0 34.0 36.0 37.2 38.0	59.2 56.7 54.1 51.4	92.7 91.5 90.0 88.5	14.9 14.6 14.3	64.0 61.6 59.1 56.5	94.5 93.5 92.3 91.0	15.6 15.4 15.0 14.8	65.0 64.1	93.6 93.2	15.6 15.6						
40.0 42.0 44.0 46.0 48.0	48.5 45.6 42.5 39.1 35.6	86.8 84.9 82.8 80.4 77.7	13.5 12.8 12.1 11.5 10.9	53.9 51.2 48.4 45.4 42.3	89.6 88.0 86.3 84.4 82.2	14.5 14.3 13.9 13.5 13.1	61.7 59.2 56.7 54.0 51.3	92.2 91.0 89.7 88.3 86.8	15.4 15.1 14.9 14.7 14.5						
50.0 52.4 55.0 56.0 60.0	31.6 18.7 16.3	74.6 63.7 61.5	10.5 9.2 7.9	38.9 29.2 15.8	79.9 72.3 60.7	12.7	48.5 40.8 31.6	85.1 79.9 72.9	14.2	55.0 51.7 44.4	86.1 84.2 79.6	13.6 14.0			
65.0 66.0 70.0 73.0 77.9				13.0	00.7	3.0	18.7 16.2	62.0 59.7	10.5 9.9	36.0 25.3 15.9	73.6 64.9 56.7	12.3 11.3 10.6	25.0	62.6	7.7
80.0 85.0 86.0													35.0 31.9 19.1 15.4	63.6 61.2 50.4 47.1	7.4 6.5 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 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]
				44.0 ı		eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.4 18.0 20.0 22.0 24.0	78.0 76.4 74.3 72.2 70.0	102.2 101.8 101.3 100.7 100.0	17.8 17.5 16.7 15.9 15.2			_									
25.1 26.0 28.0 30.0 32.0	67.8 65.6 63.3 61.0	99.2 98.3 97.3 96.2	14.8 14.4 14.1 13.9	73.0 72.0 69.9 67.7 65.5	100.5 100.2 99.5 98.7 97.8	15.5 15.5 15.2 14.9 14.5									
34.0 36.0 38.0 38.5	58.7 56.3 53.8	95.0 93.7 92.3	13.6 13.4 13.2	63.2 60.9 58.5	96.9 95.8 94.6	14.2 14.0 13.7	65.0	96.3	14.3						
40.0 42.0 44.0 46.0 48.0	51.2 48.5 45.7 42.8 39.7	90.7 89.0 87.1 85.0 82.7	13.0 12.5 11.9 11.3 10.8	56.1 53.6 51.0 48.4 45.5	93.3 91.8 90.3 88.5 86.6	13.5 13.3 13.1 12.8 12.5	63.3 61.0 58.7 56.2 53.7	95.6 94.5 93.3 92.0 90.6	14.2 14.0 13.8 13.6 13.4						
50.0 54.1 55.0 59.0 60.0	26.4 15.8	71.7 61.9	9.2 7.7	42.6 34.3 23.7	78.1 68.9	11.4	51.2 44.2 36.3	89.0 84.4 78.4	13.2 12.5 11.9	55.0 54.1 47.5	88.5 88.0 83.8	12.4 13.0 12.7			
63.0 65.0 69.0 70.0 75.0 76.0				15.3	61.1	8.2	26.4 15.7	70.0 60.1	10.6 9.0	40.1 31.2 19.0 15.5	78.5 71.4 60.4 57.1	11.9 11.1 10.0 9.8			
80.3 85.0 88.0										13.3	37.1	3.0	35.0 26.7 18.6	65.3 58.3 50.9	7.1 6.3 5.9



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]
				44.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	9.5 m Pl		lumín				
17.1	78.0	105.1	15.5												
18.0	77.1	104.9	15.5												
20.0	75.1	104.4	14.6												
22.0	73.1	103.8	14.0												
24.0	71.1	103.1	13.4												
26.0	69.0	102.4	13.0	73.0	103.4	13.5									
28.0	66.9	101.6	12.7	70.9	102.7	13.3									
30.0	64.7	100.6	12.4	68.9	102.0	13.0									
32.0	62.6	99.6	12.1	66.8	101.1	12.7									
34.0	60.3	98.5	11.9	64.6	100.2	12.4									
36.0	58.1	97.3	11.7	62.4	99.2	12.2									
38.0	55.7	95.9	11.5	60.2	98.0	12.0	05.0		40.0						
39.7	53.3	04.5	11.3	57.9	96.8	11.8	65.0	99.0 98.9	12.3 12.3						
40.0 42.0	50.9	94.5 92.9	11.3	57.9 55.6	96.6 95.4	11.5	64.7 62.5	96.9	12.3						
44.0	48.3	91.1	10.7	53.2	94.0	11.3	60.3	96.8	12.0						
46.0	45.6	89.2	10.7	50.7	94.0	11.4	58.0	95.5	11.8						
48.0	42.8	87.1	9.9	48.1	90.6	11.0	55.7	94.2	11.6						
50.0	39.8	84.7	9.5	45.4	88.7	10.8	53.3	92.7	11.5				i		
55.0	31.4	77.6	8.7	38.1	82.9	10.4	46.9	88.4	11.1						
55.9										55.0	91.0	11.1			
60.0	19.9	66.8	7.7	29.2	75.2	9.4	39.8	83.0	10.7	49.9	87.7	11.0			
62.0	15.4	62.3	6.7												
65.0				16.3	62.9	8.0	31.3	75.8	10.0	43.2	82.8	10.7			
70.0							19.9	65.0	8.8	35.4	76.6	10.3			
72.0							15.3	60.5	8.1						
75.0										25.7	67.8	9.5			
79.0										16.3	58.7	8.5			
82.8													35.0	67.1	6.4
85.0													32.0	64.5	6.1
90.0													21.1	54.2	5.3
91.0													18.1	51.3	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 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]
				44.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 6	2.5 m Pl	eza de p umín	lumín		-		
17.7 18.0 20.0 22.0 24.0 26.0 26.9 28.0	78.0 77.8 75.9 73.9 72.0 70.0	108.1 108.0 107.5 107.0 106.3 105.6	14.0 14.0 13.5 12.9 12.4 12.0	73.0 71.9	106.3 105.9	12.3 12.3									
30.0 32.0 34.0 36.0 38.0 40.0 41.0	66.0 64.0 61.9 59.8 57.6 55.4	103.9 103.0 101.9 100.8 99.5 98.2	11.4 11.1 10.9 10.7 10.5 10.3	69.9 67.9 65.9 63.9 61.8 59.7	105.2 104.4 103.5 102.5 101.5 100.3	11.9 11.7 11.4 11.2 11.0 10.8	65.0	101.8	11.2						
42.0 44.0 46.0 48.0 50.0 55.0	53.1 50.7 48.3 45.7 43.1 35.7	96.7 95.1 93.3 91.4 89.3 83.1	10.2 10.0 9.7 9.4 9.1 8.4	57.5 55.3 53.0 50.6 48.1 41.5	99.1 97.7 96.2 94.6 92.8 87.7	10.6 10.4 10.2 10.1 10.0 9.6	64.0 61.9 59.8 57.6 55.4 49.5	101.3 100.2 99.1 97.8 96.5 92.5	11.2 11.0 10.8 10.6 10.5						
57.6 60.0 65.0 68.0 70.0	26.6 15.0	74.6 62.7	7.6 6.1	33.9 24.2 15.9	81.0 71.8 63.3	9.2 8.1 7.3	43.0 35.7 26.6	87.6 81.4 72.8	9.9 9.7 8.8	55.0 52.2 46.1	93.4 91.6 87.2	10.0 10.0 9.7			
74.0 75.0 80.0 82.0 85.2 90.0 94.0							16.2	62.3	7.9	31.0 20.1 15.9	74.3 63.5 59.1	9.2 8.4 7.7	35.0 27.4 17.6	68.8 61.7 51.8	5.9 5.2 4.6



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 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]
				44.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 n ] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
18.4 20.0 22.0 24.0 26.0	78.0 76.5 74.7 72.9 71.0	111.0 110.6 110.1 109.5 108.8	12.8 12.6 12.0 11.5 11.1												
27.7 28.0 30.0 32.0 34.0	69.1 67.2 65.3 63.3	108.1 107.2 106.3 105.3	10.9 10.6 10.3 10.1	73.0 72.8 70.9 69.0 67.1	109.1 109.1 108.4 107.6 106.8	11.3 11.3 11.1 10.8 10.6									
36.0 38.0 40.0 42.0	61.3 59.3 57.2 55.1	104.3 103.1 101.8 100.4	9.9 9.7 9.5 9.3	65.2 63.2 61.2 59.2	105.9 104.9 103.8 102.6	10.3 10.1 10.0 9.8	05.0	404.5	10.2						
42.3 44.0 46.0 48.0 50.0 55.0	52.9 50.6 48.3 45.9 39.3	98.9 97.3 95.6 93.7 88.1	9.1 9.0 8.7 8.4 7.9	57.1 54.9 52.7 50.5 44.5	101.3 100.0 98.5 96.8 92.1	9.6 9.4 9.2 9.1 8.6	65.0 63.3 61.3 59.3 57.2 51.7	104.5 103.6 102.5 101.4 100.1 96.4	10.2 10.0 9.8 9.6 9.2						
59.3 60.0 65.0 67.0 70.0	31.6 21.5 15.9	80.9 70.6 64.5	7.3 6.6 6.3	37.7 29.6 18.6	86.3 78.6 67.0	8.3 7.7	45.8 39.2 31.5	91.9 86.4 79.2	8.9 8.6	55.0 54.2 48.6	95.9 95.4 91.3	9.1 9.1 8.8			
71.0 75.0 77.0 80.0 85.0				15.5	63.7	6.7	21.5 15.8	68.8 62.7	7.5 7.2	35.2 26.5 15.5	79.9 71.3 59.5	8.4 7.9 6.8			
87.7 90.0 95.0 97.0										10.0	00.0	0.0	35.0 32.2 22.5 17.2	70.5 67.8 57.9 52.2	5.2 4.9 4.2 4.0



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		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]
				44.0 ı	n Pluma	principa	ıl, Punto lumín (1	de carga	1 - Cab	eza de p	lumín		_		
					Cab		n ] Posici			umm					
19.0	78.0	113.9	11.7												
20.0	77.1	113.7	11.7												
22.0	75.4	113.2	11.2												
24.0	73.6	112.6	10.8												
26.0	71.9	112.0	10.4												
28.0	70.1	111.3	10.1												
28.6				73.0	112.0	10.4									
30.0	68.3	110.5	9.9	71.8	111.6	10.4									
32.0	66.4	109.6	9.6	70.0	110.8	10.1									
34.0	64.6 62.7	108.7	9.4 9.2	68.2 66.3	110.1 109.2	9.9 9.7									
36.0 38.0	60.8	107.7 106.6	9.2	64.5	109.2	9.7									
40.0	58.8	105.6	9.0 8.8	62.6	108.2	9.5							ł		
42.0	56.8	103.4	8.6	60.7	107.2	9.1									
43.5	00.0	104.1	0.0	00.1	100.1	0.1	65.0	107.2	9.4				i		
44.0	54.8	102.7	8.4	58.7	104.9	8.9	64.6	107.0	9.4						
46.0	52.7	101.2	8.2	56.7	103.6	8.7	62.7	106.0	9.3						
48.0	50.5	99.6	8.1	54.7	102.2	8.5	60.8	104.9	9.1				İ		
50.0	48.3	97.8	7.9	52.5	100.7	8.4	58.8	103.7	9.0						
55.0	42.3	92.7	7.4	47.0	96.4	7.9	53.7	100.2	8.6						
60.0	35.5	86.4	7.0	40.9	91.1	7.5	48.3	96.1	8.2						
61.0										55.0	98.3	8.3			
65.0	27.3	78.0	6.4	33.8	84.4	7.1	42.3	91.0	7.8	50.8	95.3	8.2			
70.0	15.5	64.9	5.8	25.2	75.3	6.6	35.5	84.7	7.5	45.1	90.6	7.9			
74.0				15.2	64.1	6.2									
75.0							27.3	76.3	7.1	38.7	84.9	7.6			
80.0							15.5	63.1	6.7	31.3	77.6	7.4			
85.0										21.6	67.3	7.0			
88.0										15.1	59.9	6.2	25.0	70.0	4.7
90.1 95.0													35.0	72.2 65.1	4.7 4.1
100.0													28.0 16.8	52.7	3.4
100.0						l .							10.6	52.1	3.4



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 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]
				44.0 ı	m Pluma Cab	eza de p	lumín (1	de carga 916-1) 7 ón midfa	1.5 m Pl		lumín				
19.6 20.0 22.0 24.0 26.0 29.5 30.0 32.0 34.0 36.0 38.0 40.0 42.0	78.0 77.7 76.0 74.4 72.7 71.0 69.2 67.5 65.7 64.0 62.1 60.3 58.4 56.5	116.9 116.8 116.3 115.8 115.1 114.5 113.7 112.9 112.0 111.0 110.0 108.9 107.7 106.4	10.6 10.6 10.2 9.8 9.5 9.2 9.0 8.8 8.6 8.4 8.3 8.1 7.9 7.7	73.0 72.6 70.9 69.1 67.4 65.6 63.8 62.0 60.2	114.9 114.7 114.0 113.3 112.5 111.6 110.6 109.6 108.4	9.4 9.4 9.2 9.0 8.8 8.6 8.5 8.3 8.1									
44.8 46.0 48.0 50.0 55.0 60.0 62.8 65.0 70.0 73.0	54.5 52.5 50.4 44.9 38.8 31.8 22.8 15.2	104.9 103.4 101.8 97.1 91.4 84.2 74.3 65.3	7.6 7.5 7.3 6.9 6.6 6.2 5.6 5.2	58.3 56.4 54.4 49.2 43.6 37.3 30.0	107.2 105.9 104.5 100.5 95.6 89.6 81.9	8.0 7.8 7.7 7.4 7.1 6.8 6.4	65.0 63.9 62.1 60.3 55.5 50.4 44.9 38.8	109.9 109.3 108.3 107.2 104.0 100.1 95.4 89.7	8.4 8.4 8.3 8.1 7.8 7.5 7.2 7.0	55.0 52.7 47.4	100.8 99.1 94.8	7.4 7.4 7.2			
75.0 77.0 80.0 83.0 85.0 90.0 92.6 95.0 100.0 103.0				20.3 16.7	71.0 66.7	5.8 5.1	31.7 22.8 15.1	82.5 72.5 63.5	6.7 6.3 6.1	41.6 35.1 27.2 16.0	89.6 83.2 74.7 61.7	7.0 6.9 6.6 6.3	35.0 32.3 23.6 16.5	73.9 71.1 61.5 53.1	4.1 3.8 3.2 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 orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I	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]
				44.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 7	4.5 m Pli	eza de p umín	lumín		-		
20.2 22.0 24.0 26.0 28.0	78.0 76.6 75.0 73.4 71.8	119.8 119.4 118.9 118.3 117.6	9.6 9.4 9.0 8.7 8.5			-									
30.0 30.4 32.0 34.0 36.0	70.1 68.5 66.8 65.1	116.9 116.1 115.3 114.4	8.3 8.1 7.9 7.7	73.0 71.7 70.0 68.4	117.8 117.2 116.5 115.7	8.5 8.5 8.3 8.1									
38.0 40.0 42.0 44.0 46.0	63.4 61.6 59.8 58.0 56.2	113.4 112.3 111.2 109.9 108.6	7.6 7.5 7.3 7.2 7.0	66.7 65.0 63.3 61.5 59.7	114.9 113.9 112.9 111.9 110.7	7.9 7.8 7.6 7.5 7.3									
46.1 48.0 50.0 55.0 60.0	54.3 52.3 47.2 41.6	107.2 105.7 101.4 96.1	6.9 6.8 6.5 6.2	57.9 56.0 51.2 46.0	109.5 108.2 104.4 99.9	7.2 7.1 6.8 6.6	65.0 63.3 61.6 57.1 52.3	112.6 111.7 110.6 107.6 104.0	7.7 7.6 7.5 7.2 6.9						
64.5 65.0 70.0 75.0 76.0	35.4 27.9 17.7 16.7	89.7 81.4 69.2 67.9	6.0 5.5 4.9 4.2	40.3 33.8 25.9	94.4 87.7 78.8	6.4 6.2 5.7	47.2 41.6 35.3	99.6 94.4 88.0	6.7 6.6 6.4	55.0 54.5 49.6 44.2	103.3 102.9 98.9 94.1	6.7 6.7 6.6 6.4			
80.0 85.0 86.0 90.0 93.0				16.4	67.2	4.7	27.9 17.7 16.7	79.7 67.4 66.2	6.1 5.7 5.3	38.3 31.5 22.8 15.6	88.3 80.9 70.9 62.1	6.3 6.2 6.0 5.8			
95.1 100.0 105.0 106.0											-		35.0 28.5 18.7 16.1	75.7 68.5 56.8 53.5	3.7 3.1 2.6 2.5



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]
				44.0	m Pluma Cab	eza de p	il, Punto llumín (19 n] Posici	916-1) 7	7.5 m Pli	eza de p umín	lumín				
20.9	78.0	122.7	8.6												
22.0	77.1	122.5	8.6												
24.0	75.6	122.0	8.2												
26.0	74.1	121.4	7.9												
28.0	72.5	120.8	7.7	<u> </u>											
30.0 31.2	70.9	120.1	7.5	73.0	120.6	7.7									
32.0	69.3	119.4	7.4	73.0 72.4	120.6	7.7									
34.0	67.7	118.6	7.2	70.8	119.7	7.5									
36.0	66.1	117.7	7.0	69.3	118.9	7.3									
38.0	64.5	116.8	6.8	67.6	118.1	7.2									
40.0	62.8	115.7	6.7	66.0	117.3	7.0									
42.0	61.1	114.6	6.6	64.4	116.3	6.8									
44.0	59.4	113.5	6.4	62.7	115.3	6.7									
46.0	57.6	112.2	6.3	61.0	114.2	6.6									
47.3							65.0	115.4	6.8						
48.0	55.9	110.9	6.2	59.3 57.5	113.0 111.8	6.5	64.5 62.8	115.0 114.0	6.8 6.7						
50.0 55.0	54.0 49.3	109.5 105.4	6.1 5.9	57.5 53.0	108.2	6.3 6.1	58.5	114.0	6.4						
60.0	44.1	100.4	5.6	48.1	104.0	5.9	54.0	107.7	6.1						
65.0	38.4	94.8	5.4	42.9	99.0	5.7	49.2	103.7	5.9						
66.2										55.0	105.7	5.9			
70.0	31.9	87.5	5.1	37.1	92.9	5.5	44.1	98.9	5.8	51.4	102.8	5.8			
75.0	23.8	77.9	4.6	30.3	85.3	5.2	38.4	93.1	5.6	46.5	98.4	5.7			
79.0	16.4	68.4	3.9												
80.0				21.6	74.7	4.9	31.9	85.8	5.5	41.1	93.0	5.6			
83.0				16.1	67.6	4.2		70.4	5.0	05.0	00.5				
85.0 89.0				l			23.8 16.3	76.1 66.6	5.3 4.7	35.0	86.5	5.5			
90.0							10.3	0.00	4.7	27.7	78.1	5.4			
95.0										18.0	65.9	5.3			
96.0										15.3	62.5	5.3			
97.5				i							02.0	0.0	35.0	77.4	3.1
100.0													32.4	74.4	2.9
105.0													24.5	65.1	2.3
108.0													18.4	57.3	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		83° Án	gulo de orincipa	pluma I	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]
				44.0 ı		eza de p	ıl, Punto lumín (1: ı l Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.5 22.0 24.0 26.0 28.0 30.0 32.0 32.1 34.0 40.0 42.0 44.0 48.6 50.0 65.0 65.0 67.9 70.0 80.0	78.0 77.6 76.2 74.7 73.2 71.7 70.2 68.6 67.1 65.5 63.9 62.3 60.7 59.0 57.3 55.6 51.1 46.3 41.1 35.2 28.4 19.4	125.7 125.6 125.1 124.5 123.3 122.6 121.8 121.0 120.1 119.1 118.1 117.0 115.8 114.5 113.1 109.4 104.9 99.5 93.0 84.8 73.2 68.8	7.8 7.6 7.3 7.1 6.9 6.7 6.6 6.4 6.2 6.1 6.0 5.8 5.7 5.6 5.5 5.3 5.1 4.9	73.0 71.6 70.1 68.5 67.0 65.4 63.8 62.2 60.6 58.9 54.6 50.1 45.2 39.8 33.8 26.6	123.5 122.9 122.2 121.4 120.5 119.6 118.7 117.6 116.5 115.3 112.0 108.0 103.4 97.8 91.0 82.2	6.9 6.9 6.7 6.5 6.4 6.2 6.1 6.0 5.9 5.7 5.5 5.2 5.0 4.9 4.7	65.0 63.9 59.8 55.6 51.1 46.3 41.1 35.2	118.1 117.4 114.7 111.4 107.6 103.2 97.8 91.3	6.1 6.1 5.8 5.5 5.3 5.1 5.0 4.9	55.0 53.1 48.5 43.5	108.2 106.6 102.5 97.5	5.2 5.2 5.1 4.9			
85.0 86.0 90.0 92.0				16.7 15.7	69.3 68.0	4.3 3.9	28.3 19.3 16.0	83.1 71.5 67.0	4.8 4.7 4.3	38.0 31.6	91.6 84.3	4.8			
95.0 99.0 100.0 105.0 106.0										23.8 15.0	74.5 62.9	4.8 4.7	35.0 28.9 27.4	79.1 71.8 69.9	2.7 2.1 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]
				44.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1 ] Posici	916-1) 8:	3.5 m Plı	eza de p umín	lumín				
22.1	78.0	128.6	7.0												
24.0	76.7	128.2	6.9												
26.0	75.2	127.7	6.7												
28.0	73.8	127.1	6.5												
30.0	72.4	126.5	6.3												
32.0	70.9	125.8	6.1												
33.0				73.0	126.4	6.3									
34.0	69.4	125.0	6.0	72.3	126.0	6.2									
36.0	67.9	124.2	5.8	70.8	125.3	6.1									
38.0	66.4	123.4	5.7	69.3	124.6	6.0									
40.0	64.9	122.4	5.5	67.9	123.8	5.8									
42.0 44.0	63.4 61.8	121.5 120.4	5.4 5.3	66.4 64.8	122.9 122.0	5.7 5.5									
44.0 46.0	60.2	119.3	5.3	63.3	122.0	5.5									
48.0	58.6	118.1	5.1	61.7	119.9	5.3									
49.9	30.0	110.1	J. I	01.7	115.5	5.5	65.0	120.8	5.4						
50.0	57.0	116.8	5.0	60.1	118.8	5.2	64.9	120.7	5.4						
55.0	52.8	113.2	4.7	56.1	115.6	4.9	61.0	118.1	5.2						
60.0	48.3	109.0	4.5	51.8	111.9	4.7	57.0	115.1	5.0						
65.0	43.4	104.0	4.3	47.2	107.6	4.5	52.7	111.5	4.8						
69.6										55.0	110.6	4.7			
70.0	38.1	98.1	4.1	42.3	102.4	4.3	48.2	107.3	4.6	54.7	110.4	4.7			
75.0	32.0	90.9	3.9	36.8	96.3	4.2	43.4	102.3	4.4	50.3	106.5	4.5			
80.0	24.7	81.4	3.7	30.5	88.6	4.0	38.1	96.4	4.3	45.6	101.9	4.4			
85.0	15.8	69.2	3.0	22.7	78.4	3.8	32.0	89.1	4.2	40.6	96.4	4.3			
89.0				15.4	68.4	3.3									
90.0							24.6	79.6	4.1	34.9	89.8	4.2			
95.0							15.7	67.4	3.6	28.2	81.5	4.1			
100.0										19.5	69.9	4.1			
102.0										16.4	65.6	3.6	05.0		0.4
102.4													35.0	80.8	2.1
103.0													35.0	80.8	2.1



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

		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]
				44.0 ı		eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 8	6.5 m Pli	eza de p umín	lumín				
22.7	78.0	131.5	6.4												
24.0	77.1	131.3	6.4												
26.0	75.8	130.8	6.1												
28.0	74.4	130.2	5.9												
30.0	73.0	129.6	5.8												
32.0	71.6	129.0	5.6												
33.9				73.0	129.2	5.7									
34.0	70.2	128.2	5.5	72.9	129.2	5.7									
36.0	68.8	127.5	5.4	71.5	128.5	5.6									
38.0	67.3	126.6	5.2	70.1	127.8	5.5									
40.0	65.9	125.8	5.1	68.7	127.0	5.3									
42.0	64.4	124.8	5.0	67.2	126.2	5.2									
44.0	62.9	123.8	4.9	65.8	125.3	5.1									
46.0	61.4	122.7	4.8	64.3	124.4	5.0									
48.0	59.8	121.6	4.7	62.8	123.4	4.9									
50.0	58.3	120.3	4.6	61.3	122.3	4.8	05.0	123.5	4.9						
51.1 55.0	54.3	116.9	4.4	57.4	119.2	4.5	65.0 62.1	123.5	4.9						
60.0	50.0	113.0	4.4	53.3	115.7	4.3	58.3	118.6	4.6						
65.0	45.5	108.4	3.9	49.0	111.6	4.1	54.3	115.2	4.4						
70.0	40.6	102.9	3.7	44.4	106.8	3.9	50.0	111.3	4.2						
71.4	40.0	102.3	5.7	77.7	100.0	0.0	30.0	111.5	7.2	55.0	113.1	4.2			
75.0	35.1	96.4	3.5	39.4	101.2	3.8	45.5	106.6	4.0	52.0	110.3	4.1			
80.0	28.8	88.2	3.3	33.8	94.3	3.6	40.6	101.2	3.9	47.6	106.0	4.0			
85.0	20.7	77.1	3.1	27.1	85.6	3.4	35.1	94.6	3.7	42.9	101.0	3.9			
88.0	15.5	69.6	2.6												
90.0				18.4	73.4	3.3	28.7	86.4	3.6	37.7	95.0	3.7			
92.0				15.2	68.8	2.8									
95.0							20.6	75.3	3.5	31.8	87.6	3.7			
98.0							15.4	67.8	3.0						
100.0										24.6	78.1	3.6			
105.0										16.1	66.0	3.1			



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 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]
				44.0 ı		eza de p	al, Punto olumín (19 o ] Posicio	916-1) 8	9.5 m Plı	eza de p umín	lumín				
23.4 24.0 26.0 28.0 30.0	78.0 77.6 76.3 74.9 73.6	134.5 134.3 133.9 133.3 132.7	5.6 5.6 5.5 5.3 5.1			_									
32.0 34.0 34.8 36.0	72.2 70.9 69.5	132.1 131.4 130.7	5.0 4.8 4.7	73.0 72.2	132.1 131.7	5.0 5.0									
38.0 40.0 42.0 44.0 46.0	68.1 66.7 65.3 63.9 62.4	129.9 129.0 128.1 127.2 126.1	4.6 4.4 4.3 4.2 4.1	70.8 69.4 68.0 66.6 65.2	131.0 130.3 129.5 128.6 127.7	4.8 4.7 4.6 4.5 4.3									
48.0 50.0 52.4 55.0	61.0 59.5 55.7	125.0 123.9 120.6	4.0 3.9 3.7	63.8 62.3 58.6	126.7 125.7 122.8	4.2 4.1 3.9	65.0 63.1	126.2 125.0	4.2 4.2						
60.0 65.0 70.0 73.1	51.6 47.4 42.8	116.9 112.5 107.5	3.5 3.4 3.2	54.8 50.7 46.4	119.5 115.6 111.1	3.7 3.5 3.3	59.5 55.6 51.6	122.2 118.9 115.2	3.9 3.7 3.6	55.0	115.5	3.5			
75.0 80.0 85.0 90.0	37.8 32.1 25.4 16.1	101.5 94.2 84.9 71.4	3.0 2.8 2.7 2.5	41.7 36.6 30.7 23.6	105.8 99.6 91.9 82.0	3.2 3.0 2.9 2.8	47.4 42.8 37.8 32.1	110.8 105.7 99.7 92.5	3.4 3.3 3.1 3.0	53.5 49.3 44.9 40.1	114.1 110.1 105.3 99.8	3.5 3.4 3.2 3.1			
91.0 94.0 95.0 100.0	15.2	70.0	2.1	15.8	70.5	2.6	25.3 16.1	83.1 69.6	2.9	34.8 28.6	93.1 84.9	3.0			
101.0 105.0 108.0							15.2	68.2	2.4	20.8 15.8	73.8 66.4	2.9 2.5			



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]
				44.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 9:	2.5 m Pli	eza de p umín	lumín				
24.0	78.0	137.4	5.0												
26.0	76.7	136.9	4.9												
28.0	75.4	136.4	4.7												
30.0	74.1	135.9	4.6												
32.0	72.8	135.3	4.4												
34.0	71.5	134.6	4.3												
35.6				73.0	135.0	4.4									
36.0	70.2	133.9	4.2	72.8	134.8	4.4									
38.0	68.9	133.1	4.1	71.4	134.2	4.3									
40.0	67.5	132.3	3.9	70.1	133.5	4.2									
42.0	66.2	131.4	3.8	68.8	132.7	4.1									
44.0	64.8	130.5	3.7	67.4	131.9	3.9									
46.0	63.4	129.5	3.6	66.1	131.0	3.8									
48.0	62.0	128.5	3.5	64.7	130.1	3.7									
50.0	60.6	127.4	3.4	63.3	129.1	3.6									
53.7							65.0	129.0	3.6						
55.0	56.9	124.3	3.2	59.8	126.3	3.4	64.1	128.3	3.6						
60.0	53.1	120.7 116.6	3.0	56.1	123.1	3.2	60.6	125.6 122.5	3.4 3.2						
65.0	49.1 44.8		2.9 2.7	52.2 48.2	119.4	3.0	56.9	-	3.2						
70.0 74.8	44.8	111.8	2.1	48.2	115.2	2.9	53.1	119.0	3.1	55.0	118.0	3.0			
74.8 75.0	40.2	106.3	2.6	43.8	110.3	2.7	49.1	114.9	2.9	55.0 54.8	118.0	3.0			
75.0 80.0	35.0	99.7	2.6	43.8 39.1	110.3	2.7	49.1	114.9	2.9	54.8 50.9	117.9	2.9			
85.0	35.0	99.1	2.4	33.8	97.6	2.5	44.6	104.6	2.6	46.8	109.6	2.9			
90.0				27.6	89.0	2.3	35.0	97.9	2.7	42.3	109.6	2.6			
95.0				21.0	08.0	2.5	29.1	89.8	2.4	37.4	98.3	2.6			
100.0							29.1	79.1	2.4	31.9	90.9	2.5			
105.0							21.7	10.1	2.0	25.3	81.6	2.4			
110.0										16.4	68.1	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		83° Án I	gulo de orincipa	pluma I		gulo de principa			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]
				44.0	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín		_		
24.6	78.0	140.4	4.6												
26.0	77.1	140.0	4.6												
28.0	75.9	139.5	4.4												
30.0	74.7	139.0	4.3												
32.0	73.4	138.4	4.2												
34.0	72.1	137.8	4.0												
36.0	70.9	137.1	3.9												
36.5				73.0	137.8	4.0									
38.0	69.6	136.4	3.8	72.1	137.4	4.0									
40.0	68.3	135.6	3.7	70.8	136.7	3.9									
42.0	67.0	134.7	3.6	69.5	135.9	3.8									
44.0	65.6	133.8	3.5	68.2	135.1	3.7									
46.0	64.3	132.9	3.4	66.9	134.3	3.6									
48.0	63.0	131.9	3.3	65.6	133.4	3.5									
50.0	61.6	130.8	3.2	64.2	132.4	3.4									
55.0	58.1	127.8	3.0	60.8	129.8	3.2	65.0	131.7	3.3						
60.0	54.5	124.4	2.7	57.3	126.7	2.9	61.6	129.1	3.2						
65.0	50.6	120.5	2.6	53.6	123.2	2.7	58.1	126.1	3.0						
70.0	46.6	116.1	2.3	49.8	119.2	2.5	54.4	122.7	2.8						
75.0							50.6	118.8	2.6						
76.5										55.0	120.5	2.7			
80.0							46.6	114.3	2.4	52.4	117.9	2.6			
85.0										48.5	113.6	2.4			



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

		gulo de principal			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				47.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 3	8.5 m Plı	eza de p umín	lumín				
12.8	78.0	87.6	53.3												
13.0	77.7	87.5	53.3												
14.0	76.2	87.3	51.8												
16.0	73.1	86.7	44.3												
18.0	69.9	86.0	38.1												
20.0	66.7	85.2	33.0												
20.2				73.0	86.3	45.1									
22.0	63.4	84.2	28.7	70.1	85.7	43.2									
24.0	60.0	83.1	25.7	66.9	84.8	39.5									
26.0	56.5	81.8	23.2	63.6	83.9	34.6									
28.0	52.8	80.4	21.2	60.2	82.8	31.3									
30.0	48.9	78.7	19.7	56.7	81.5	28.2									
31.6							65.0	82.9	28.4						
32.0	44.7	76.8	18.3	53.0	80.1	25.8	64.5	82.8	29.0						
34.0	40.3	74.5	17.1	49.2	78.4	23.8	61.1	81.7	27.4						
36.0	35.3	71.9	16.1	45.0	76.5	22.0	57.6	80.5	26.0						
38.0	29.6	68.6	15.3	40.6	74.3	20.3	54.0	79.1	24.5						
40.0	22.7	64.4	14.5	35.7	71.7	19.0	50.2	77.5	23.4						
41.0	18.2	61.6	14.1	30.1	00.5	47.0	46.1	75.6	22.2						
42.0 44.0				23.2	68.5 64.3	17.8 16.7	41.8	73.5	21.1						
44.0 45.1				23.2	64.3	16.7	41.8	73.5	21.1	55.0	76.5	17.8			
45.1 46.0				15.4	59.3	12.9	37.0	71.0	20.1	55.0 53.5	76.5 75.9	17.8			
48.0				15.4	59.5	12.9	31.6	67.9	19.3	49.7	75.9 74.3	17.9			
50.0							25.1	64.1	18.5	49.7 45.6	74.3 72.4	17.9			
52.0							16.4	58.6	17.7	40.0	12.4	17.1			
55.0							10.4	50.0	17.7	33.7	66.2	15.7			
60.0				1						15.0	54.7	14.0			
67.7										15.0	54.1	17.0	35.0	57.1	8.4
70.0													30.0	54.3	7.9
73.0													18.9	47.4	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 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]
				47.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín		_		
13.4 14.0	78.0 77.2	90.5 90.4	49.3 49.3												
16.0	74.3	89.9	43.3												
18.0	71.4	89.2	37.3	i											
20.0	68.5	88.5	32.7	i											
21.1				73.0	89.2	42.4									
22.0	65.5	87.6	28.3	71.6	88.9	42.1									
24.0	62.4	86.6	25.1	68.7	88.1	38.8									
26.0	59.2	85.4	22.8	65.7	87.2	35.0									
28.0	55.9	84.1	20.9	62.6	86.2	31.2									
30.0	52.4	82.6	19.3	59.4	85.1	28.4									
32.0	48.8	80.9	18.0	56.1	83.8	25.8									
32.9							65.0	85.6	26.7						
34.0	45.0	79.0	16.8	52.7	82.3	23.7	63.4	85.1	27.1						
36.0	40.9	76.8	15.8	49.1	80.6	22.0	60.2	84.0	25.4						
38.0	36.4	74.2	14.8	45.3	78.7	20.3	57.0	82.7	24.1						
40.0	31.3	71.2	14.1	41.2	76.6	18.8	53.6	81.3	22.8						
42.0 44.0	25.4 17.5	67.3 62.0	13.4 12.6	36.7 31.7	74.0 71.0	17.6 16.6	50.0 46.3	79.7 77.9	21.8 20.7						
46.0	17.5	62.0	12.0	25.8	67.2	15.6	40.3	77.9 75.8	19.7						
46.8				20.0	01.2	13.0	42.3	10.0	19.7	55.0	78.9	16.7			
48.0				18.2	62.1	14.5	37.9	73.3	18.8	53.0	78.1	17.6			
50.0				10.2	02.1	17.5	33.1	70.4	18.1	49.6	76.5	16.8			
55.0				i			15.8	59.0	16.3	39.6	71.3	15.1			
60.0										26.7	63.4	13.9			
63.0										16.2	56.3	12.0			
70.1													35.0	58.9	7.4
75.0													22.3	50.7	6.4
76.0													18.2	47.9	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 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]
				47.0 ו		eza de p	al, Punto dumín (2 n ] Posici	316-1) 4	4.5 m Pl		lumín				
14.1 16.0 18.0 20.0 21.9	78.0 75.4 72.7 70.0	93.5 93.0 92.4 91.7	46.1 42.9 37.1 32.1	73.0	92.0	40.2									
22.0 24.0 26.0 28.0	67.2 64.4 61.5 58.5	90.9 89.9 88.9 87.7	28.2 24.8 22.3 20.5	72.9 70.2 67.4 64.6	92.0 91.3 90.5 89.6	40.2 38.4 35.6 31.5									
30.0 32.0 34.0 34.2	55.4 52.2 48.8	86.4 84.9 83.2	19.0 17.7 16.7	61.7 58.7 55.6	88.6 87.4 86.1	28.6 26.0 23.8	65.0	88.3	25.8						
36.0 38.0 40.0 42.0	45.2 41.4 37.3 32.7	81.2 79.1 76.6 73.6	15.6 14.6 13.8 13.1	52.4 49.0 45.5 41.7	84.6 82.9 81.0 78.8	22.0 20.4 19.0 17.6	62.4 59.5 56.4 53.2	87.4 86.3 85.0 83.6	25.2 23.7 22.5 21.4						
44.0 46.0 47.0	27.5 21.0 16.9	70.1 65.5 62.5	12.5 11.8 11.5	37.6 33.1	76.4 73.5	16.5 15.5	49.9 46.4	81.9 80.1	20.5 19.5						
48.0 48.5 50.0 51.0				27.9 21.5 17.6	70.0 65.5 62.5	14.6 13.7 13.3	42.7 38.7	78.0 75.6	18.6	55.0 52.8	81.4 80.4	15.8 16.6			
55.0 58.0 60.0 65.0 66.0							26.5 15.2	67.6 59.4	16.2 15.2	33.7 18.7 15.7	75.8 69.5 59.0 56.7	14.9 13.5 12.5 11.2			
72.6 75.0 79.0										13.7	30.7	11.2	35.0 30.5 17.5	60.6 57.6 48.4	6.7 6.3 5.5



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		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]
				47.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 4	7.5 m Pl	eza de p umín	lumín				
14.7	78.0	96.4	42.5												
16.0	76.4	96.1	41.6												
18.0	73.9	95.5	36.2												
20.0	71.3	94.9	31.2												
22.0	68.7	94.1	27.7												
22.8				73.0	94.9	37.4									
24.0	66.1	93.3	24.5	71.5	94.5	37.2									
26.0	63.4	92.3	21.9	68.9	93.8	34.6									
28.0	60.7 57.9	91.2 90.0	20.1 18.6	66.3 63.6	92.9 92.0	31.7 28.4							ł		
30.0 32.0	57.9 54.9	90.0 88.6	17.2	60.9	92.0	26.0									
34.0	51.9	87.1	16.1	58.1	89.7	23.7							i		
35.4	31.9	07.1	10.1	36.1	09.1	23.1	65.0	91.1	23.7				i		
36.0	48.7	85.4	15.2	55.2	88.3	21.7	64.3	90.8	24.3						
38.0	45.4	83.5	14.2	52.1	86.8	20.1	61.6	89.8	23.2				i		
40.0	41.9	81.3	13.4	49.0	85.1	18.8	58.8	88.6	22.0						
42.0	38.1	78.9	12.6	45.7	83.2	17.4	55.9	87.3	20.8						
44.0	33.9	76.1	12.0	42.1	81.1	16.2	52.9	85.8	19.8				İ		
46.0	29.2	72.7	11.4	38.3	78.7	15.2	49.8	84.2	19.0						
48.0	23.6	68.6	10.8	34.2	75.9	14.3	46.5	82.3	18.1						
50.0	16.3	62.9	10.3	29.5	72.6	13.5	43.1	80.3	17.3						
50.3										55.0	83.9	14.7			
54.0				17.0	63.0	11.9									
55.0							33.1	73.7	15.7	47.8	80.1	14.4			
60.0							19.0	63.2	14.2	38.9	74.6	13.0			
61.0							16.3	61.0	13.4						
65.0										27.7	66.8	12.0			
69.0										15.1	57.1	10.2	05.0		5.0
75.1													35.0	62.3	5.8
80.0													24.0	54.3	5.0
82.0													16.9	48.8	4.6



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		gulo de orincipal		83° Án	gulo de orincipa	pluma I		gulo de principa			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]
				47.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (2 n ] Posici	316-1) 5	0.5 m Pl		lumín				
15.3 16.0 18.0 20.0 22.0 23.7	78.0 77.2 74.8 72.5 70.1	99.3 99.2 98.6 98.0 97.3	39.6 39.6 35.5 31.0 27.1	73.0	97.8	35.4									
24.0 26.0 28.0 30.0	67.6 65.1 62.6 60.0	96.5 95.6 94.6 93.5	24.3 21.8 19.9 18.4	72.6 70.2 67.8 65.3	97.7 97.0 96.2 95.3	35.3 34.3 31.8 28.8									
32.0 34.0 36.0 36.7 38.0	57.3 54.6 51.7	92.3 90.9 89.3	17.0 15.9 14.9	62.8 60.2 57.5	94.3 93.2 91.9	26.0 24.0 21.9	65.0 63.4	93.8 93.2	22.5 22.9						
40.0 42.0 44.0 46.0	48.7 45.6 42.3 38.7 34.9	87.6 85.7 83.6 81.2 78.5	13.2 12.4 11.7 11.1	54.8 51.9 48.9 45.8 42.5	89.0 87.4 85.5 83.4	18.7 17.5 16.3 15.2	60.8 58.2 55.5 52.6	92.1 90.9 89.5 88.1	21.7 20.7 19.5 18.6						
48.0 50.0 52.0 53.0 55.0	30.6 25.7 15.8	75.3 71.5 63.3	10.6 10.1 9.3	39.0 35.2 23.3	81.0 78.3 69.1	14.2 13.4 11.6	49.7 46.6 38.1	86.4 84.6 79.0	17.9 17.0	55.0 50.8	86.3 84.1	13.8			
57.0 60.0 64.0 65.0 70.0				16.4	63.4	10.9	27.4 15.7	71.0 61.4	14.0 12.4	43.0 33.7 21.1	79.3 72.8 62.9	12.8 11.7 10.8			
71.0 77.5 80.0 85.0										17.5	59.9	10.5	35.0 30.9 16.4	64.0 61.0 49.2	5.1 4.7 3.9



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		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]
				47.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 5	3.5 m Pli	eza de p umín	lumín				
15.9	78.0	102.3	35.8												
16.0	77.9	102.2	35.8												
18.0	75.7	101.8	34.4										•		
20.0	73.5	101.2	30.5												
22.0	71.2	100.5	26.3												
24.0	68.9	99.8	23.5												
24.6				73.0	100.6	32.2									
26.0	66.6	98.9	21.2	71.4	100.2	31.9									
28.0	64.3	98.0	19.4	69.1	99.4	30.4									
30.0	61.8	97.0	17.9	66.8	98.6	28.8									
32.0	59.4 56.8	95.8	16.6	64.4	97.7 96.6	25.9							ł		
34.0 36.0	56.8	94.5 93.1	15.4 14.4	62.0 59.5	96.6 95.5	23.7 21.9							ł		
38.0	54.2 51.5	93.1	13.6	59.5 57.0	95.5	20.0	65.0	96.5	21.6				ł		
40.0	48.7	89.9	12.8	54.4	92.8	18.5	62.6	95.5	21.0						
42.0	45.7	88.0	12.0	51.7	91.3	17.2	60.2	94.4	20.0						
44.0	42.6	85.9	11.3	48.9	89.6	16.1	57.7	93.2	19.1						
46.0	39.3	83.5	10.7	45.9	87.7	15.0	55.1	91.8	18.1				i		
48.0	35.8	80.9	10.1	42.9	85.6	14.0	52.4	90.3	17.3				Ī		
50.0	31.8	77.8	9.7	39.6	83.3	13.1	49.6	88.6	16.6						
53.7										55.0	88.8	13.0			
55.0	19.1	67.0	8.5	30.0	75.9	11.4	42.1	83.7	14.8	53.4	87.9	13.7			
56.0	15.4	63.7	8.3												
60.0				15.9	63.8	9.7	33.2	77.1	13.5	46.4	83.6	12.4			
65.0							21.2	67.1	12.4	38.3	78.0	11.3			
67.0							15.3	61.8	11.3						
70.0										28.4	70.2	10.4			
74.0										17.0	60.4	9.4			
80.0													35.0	65.7	4.2
85.0													25.3	57.9	3.5
88.0													15.9	49.6	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 I	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I	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]
				47.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 5	6.5 m Pli	eza de p umín	lumín		-		
16.5 18.0 20.0 22.0 24.0	78.0 76.5 74.4 72.3 70.1	105.2 104.9 104.3 103.7 103.0	32.9 32.8 29.7 26.2 23.0			_									
25.5 26.0 28.0 30.0 32.0	67.9 65.7 63.5 61.2	102.2 101.3 100.4 99.3	20.8 19.0 17.6 16.5	73.0 72.4 70.3 68.1 65.9	103.5 103.3 102.6 101.9 101.0	29.8 29.7 29.0 28.2 26.3									
34.0 36.0 38.0 39.2	58.8 56.4 53.9	98.1 96.8 95.4	15.3 14.3 13.3	63.6 61.3 59.0	100.0 99.0 97.8	23.8 22.1 20.3	65.0	99.2	20.1						
40.0 42.0 44.0 46.0 48.0 50.0	51.3 48.7 45.9 42.9 39.8 36.5	93.8 92.1 90.2 88.1 85.8 83.2	12.6 11.9 11.2 10.5 9.9 9.4	56.6 54.1 51.5 48.8 46.1 43.2	96.5 95.1 93.5 91.8 90.0 87.9	18.6 17.2 16.1 15.0 14.1 13.2	64.2 61.9 59.6 57.2 54.7 52.2	98.9 97.8 96.7 95.4 94.1 92.5	20.5 19.9 18.8 18.0 17.0 16.3						
55.0 55.4 59.0 60.0 63.0	26.7	74.9 65.3	8.4	24.6 15.5	81.6 72.7 64.2	13.2 11.3 9.8 8.9	45.4 37.6	82.3 82.3	14.7	55.0 49.2	91.2 87.7	12.3			
65.0 69.0 70.0 75.0 77.0				.0.0	· · · ·	5.5	28.1 17.4	74.4 64.6	12.2 11.3	42.0 33.7 22.7 15.4	82.7 76.1 66.6 59.7	11.0 10.2 9.1 8.6			
82.4 85.0 90.0 91.0													35.0 31.2 19.0 15.4	67.5 64.3 53.4 50.0	3.8 3.4 2.7 2.6



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		75° Án	gulo de orincipa	pluma l		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]
				47.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 5	9.5 m Pl	eza de p umín	lumín				
17.2 18.0 20.0 22.0 24.0	78.0 77.2 75.2 73.2 71.2	108.1 107.9 107.4 106.8 106.2	30.0 30.0 28.3 25.7 22.5												
26.0 26.3 28.0 30.0 32.0	69.1 67.0 64.9 62.7	105.4 104.6 103.7 102.7	20.3 18.5 17.1 15.9	73.0 71.3 69.3 67.2	106.4 105.8 105.1 104.3	27.2 27.0 26.3 25.8									
34.0 36.0 38.0 40.0 40.5	60.5 58.3 56.0 53.6	101.6 100.4 99.1 97.6	14.9 13.8 12.9 12.1	65.1 62.9 60.7 58.5	103.4 102.4 101.3 100.1	23.5 21.6 20.1 18.5	65.0	101.9	18.9						
42.0 44.0 46.0 48.0 50.0	51.2 48.6 46.0 43.2 40.3	96.1 94.3 92.5 90.4 88.1	11.4 10.8 10.2 9.6 9.0	56.2 53.8 51.3 48.8 46.2	98.8 97.3 95.8 94.1 92.2	17.0 15.7 14.7 13.8 12.9	63.5 61.3 59.0 56.7 54.4	101.2 100.2 99.0 97.7 96.3	19.2 18.2 17.4 16.6 15.8						
55.0 57.1 60.0 62.0 65.0	32.0 21.0 15.8	81.1 70.9 65.7	7.9 7.0 6.0	39.0 30.4 18.5	86.7 79.3 68.0	9.5 8.2	48.2 41.3 33.2	92.2 87.1 80.4	14.2 12.8	55.0 51.7 45.2	93.7 91.6 87.1	11.5 11.7			
66.0 70.0 72.0 75.0 80.0				15.1	64.6	7.9	22.7 16.9	70.8 65.0	10.7 10.3	37.8 29.0 16.1	81.3 73.6 61.2	9.7 8.8 7.6			
84.9 85.0 90.0 92.0													35.0 34.8 26.3 21.4	69.2 69.0 61.3 56.7	3.0 3.0 2.3 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 orincipal			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]
				47.0 r		eza de p	al, Punto dumín (2 n ] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín				
17.8	78.0	111.1	27.9												
18.0	77.8	111.0	27.9												
20.0	75.9	110.5	27.6												
22.0	74.0	110.0	25.0												
24.0	72.1	109.4	22.3												
26.0	70.2	108.7	20.0												
27.2				73.0	109.3	25.5									
28.0	68.2	107.9	18.3	72.2	109.0	25.4									
30.0	66.2	107.0	16.8	70.3	108.3	25.0									
32.0	64.2	106.1	15.6	68.3	107.5	24.5									
34.0 36.0	62.1 60.0	105.0 103.9	14.6 13.6	66.3 64.3	106.7 105.7	23.5 21.5									
38.0	57.8	103.9	12.7	62.2	105.7	20.0									
40.0	57.6 55.6	102.7	11.9	60.1	104.7	18.7							i		
41.8	33.0	101.5	11.5	00.1	100.0	10.7	65.0	104.7	18.3						
42.0	53.4	99.9	11.2	58.0	102.4	17.2	64.8	104.6	18.3						
44.0	51.0	98.3	10.5	55.8	101.0	15.8	62.8	103.6	18.0						
46.0	48.6	96.6	10.0	53.5	99.6	14.7	60.7	102.5	17.1				i		
48.0	46.1	94.7	9.4	51.2	98.0	13.8	58.5	101.3	16.3						
50.0	43.5	92.6	8.8	48.8	96.3	12.9	56.4	100.0	15.6						
55.0	36.2	86.6	7.7	42.3	91.3	10.9	50.6	96.2	14.0						
58.9										55.0	96.1	10.8			
60.0	27.4	78.3	6.8	34.9	84.9	9.4	44.3	91.5	12.6	53.8	95.4	11.3			
65.0	15.4	66.1	5.4	25.6	76.2	8.2	37.2	85.6	11.4	47.9	91.3	10.4			
69.0				15.9	66.2	6.5									
70.0							28.7	77.8	10.5	41.3	86.1	9.5			
75.0							16.5	65.5	9.6	33.7	79.4	8.5			
80.0										24.0	70.2	7.4			
83.0										16.8	62.8	6.7			
87.3													35.0	70.9	2.3
90.0													31.4	67.6	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]
				47.0 ı			ıl, Punto lumín (2:			eza de p	lumín				
					Cab		n ] Posici			ullilli					
18.4	78.0	114.0	25.2												
20.0	76.6	113.6	25.1												
22.0	74.8	113.1	23.7												
24.0	72.9	112.5	22.0												
26.0	71.1	111.8	19.7												
28.0	69.2	111.1	18.0												
28.1				73.0	112.1	23.1									
30.0	67.3	110.3	16.5	71.2	111.5	22.8									
32.0	65.4	109.4	15.3	69.4	110.8	22.3									
34.0	63.5	108.4	14.2	67.5	109.9	21.9									
36.0	61.5	107.4	13.3	65.6	109.1	20.6									
38.0	59.5	106.2	12.4	63.6	108.1	19.4									
40.0	57.4	104.9	11.6	61.6	107.0	18.4									
42.0	55.3	103.6	10.9	59.6	105.9	17.2	05.0	407.4	40.0						
43.0							65.0	107.4	16.8						
44.0	53.1	102.1	10.2	57.6	104.6	15.9	64.1	106.9	17.2						
46.0	50.9	100.5	9.7	55.5	103.3	14.6	62.2	105.9	16.8						
48.0	48.6	98.8	9.1	53.3	101.8 100.2	13.6	60.1	104.8 103.6	15.9 15.2						
50.0 55.0	46.2 39.7	96.9 91.5	8.6 7.4	51.1 45.1	95.7	12.7 10.8	58.1 52.7	103.6	13.6						
60.0	39.7	84.5	6.5	38.5	90.0	9.2	47.0	95.8	12.3						
60.6	32.2	04.5	0.5	36.5	90.0	9.2	47.0	95.6	12.3	55.0	98.6	10.2			
65.0	22.5	74.6	5.7	30.7	82.6	8.0	40.6	90.5	11.1	50.2	98.6 95.3	10.2			
68.0	15.0	66.5	4.7	30.1	02.0	0.0	40.0	90.0	11.1	30.2	90.0	10.1			
70.0	13.0	00.5	4.7	20.4	71.9	6.9	33.2	83.7	10.2	44.2	90.5	9.2			
72.0				15.5	66.6	5.8	33.2	03.1	10.2	44.2	30.0	9.2			
75.0				15.5	00.0	0.0	23.9	74.3	9.3	37.5	84.7	8.1			
78.0							16.1	65.9	8.8	37.3	04.7	0.1			
80.0							10.1	00.0	0.0	28.9	76.5	7.0			
85.0										19.3	66.4	6.1			
86.0										16.4	63.2	5.9			



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]
				47.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	8.5 m Pl	eza de p umín	lumín				
19.0	78.0	116.9	23.0												
20.0	77.2	116.7	23.0												
22.0	75.5	116.2	22.4												
24.0	73.7	115.6	21.4												
26.0 28.0	72.0 70.2	115.0 114.3	19.4 17.7												
28.0	70.2	114.3	17.7	73.0	115.0	21.0									
30.0	68.4	113.5	16.4	73.0	115.0	20.9									
32.0	66.6	112.7	15.1	70.3	114.7	20.9									
34.0	64.7	111.8	14.0	68.5	113.2	20.1									
36.0	62.9	110.8	13.1	66.7	112.3	19.6									
38.0	61.0	109.7	12.3	64.9	111.4	18.7									
40.0	59.0	108.5	11.5	63.0	110.4	17.9									
42.0	57.0	107.2	10.7	61.1	109.3	17.3									
44.0	55.0	105.8	10.0	59.2	108.2	16.1									
44.3							65.0	110.1	15.9						
46.0	52.9	104.4	9.4	57.2	106.9	14.8	63.5	109.3	16.4						
48.0	50.8	102.8	8.9	55.2	105.5	13.7	61.6	108.2	15.7						
50.0	48.6	101.0	8.4	53.1	104.1	12.7	59.7	107.1	14.9						
55.0	42.7	96.1	7.3	47.6	99.9	10.8	54.6	103.8	13.3						
60.0	36.0	89.9	6.3	41.6	94.7	9.2	49.3	99.8	12.1						
62.3										55.0	101.1	9.6			
65.0	28.0	81.7	5.6	34.8	88.2	7.9	43.5	95.0	10.9	52.3	99.1	9.9			
70.0	16.8	69.3	4.8	26.4	79.6	6.9	36.9	89.0	9.9	46.8	94.8	8.9			
75.0				15.1	67.0	5.3	29.2	81.2	9.1	40.7	89.5	7.9			
80.0							18.6	69.6	8.4	33.3	82.4	6.8			
81.0 85.0							15.7	66.3	8.2	25.6	74.4	5.9			
89.0										25.6 16.0	63.6	5.9			



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]
				47.0 ı		eza de p	II, Punto Ilumín (2 1 ] Posici	316-1) 7°	1.5 m Pli	eza de p umín	lumín				
19.7	78.0	119.9	21.0												
20.0	77.7	119.8	21.0												
22.0	76.1	119.3	20.7												
24.0	74.4	118.8	19.9												
26.0	72.7	118.2	18.7												
28.0	71.1	117.5	17.0												
29.8				73.0	117.9	19.4									
30.0	69.3	116.8	15.7	72.9	117.8	19.3									
32.0	67.6	116.0	14.5	71.2	117.1	19.1									
34.0	65.9	115.1	13.4	69.5	116.4	18.7									
36.0	64.1	114.1	12.5	67.7	115.6	18.4									
38.0	62.3	113.1	11.7	66.0	114.7	17.7									
40.0	60.5 58.6	112.0 110.8	11.0 10.2	64.2 62.4	113.8 112.8	17.1 16.5									
42.0			9.6		_	15.5									
44.0 45.6	56.7	109.5	9.6	60.6	111.7	15.9	CE O	112.8	15.3						
46.0	54.7	108.1	9.0	58.7	110.5	14.7	65.0 64.7	112.6	15.3						
48.0	52.7	106.1	8.4	56.8	10.5	13.5	62.9	111.6	15.3						
50.0	50.7	105.0	8.0	54.9	103.2	12.4	61.1	110.6	14.4						
55.0	45.2	100.4	6.9	49.8	103.9	10.5	56.3	107.5	12.9						
60.0	39.2	94.8	5.9	44.3	99.1	8.9	51.4	103.7	11.5						
64.0	00.2	0	0.0		00.1	0.0	0			55.0	103.5	9.0			
65.0	32.3	87.8	5.1	38.1	93.3	7.5	46.0	99.3	10.4	54.1	102.9	9.2	i		
70.0	23.6	78.2	4.5	31.0	86.0	6.5	40.1	93.8	9.4	49.0	98.9	8.5	i		
73.0	16.4	69.7	4.1										1		
75.0				21.8	75.7	5.6	33.3	87.0	8.7	43.4	94.0	7.6			
77.0				16.8	69.8	5.2									
80.0							24.9	77.9	7.9	36.8	87.7	6.5			
84.0							15.4	66.7	7.3						
85.0										30.3	80.9	5.5			
90.0										20.9	70.2	4.7			
92.0										15.7	64.0	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]
				47.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	4.5 m Pli	eza de p umín	lumín				
20.3	78.0	122.8	19.7												
22.0	76.7	122.4	19.6												
24.0	75.1	121.9	18.9												
26.0	73.5	121.3	18.3												
28.0	71.8	120.7	16.7												
30.0	70.2	120.0	15.4												
30.7				73.0	120.7	18.3									
32.0	68.6	119.2	14.4	72.0	120.3	18.2									
34.0	66.9	118.4	13.2	70.3	119.6	17.9									
36.0	65.2	117.5	12.3	68.7	118.8	17.6									
38.0	63.5	116.5	11.4	67.0	118.0	17.3									
40.0	61.8	115.4	10.7	65.3	117.1	16.6									
42.0	60.0	114.3	10.1	63.6	116.1	16.0									
44.0	58.2	113.1	9.4	61.9	115.1	15.5									
46.0	56.4	111.8	8.8	60.1	114.0	14.8	25.0	445.5	44.5						
46.9			0.0	50.0	440.0	40.0	65.0	115.5	14.5						
48.0	54.5 52.6	110.4 108.9	8.2 7.7	58.3 56.5	112.8 111.5	13.6 12.5	64.1 62.3	115.0 114.0	14.5 14.2						
50.0 55.0	47.5	108.9	6.7	50.5	111.5	10.4	62.3 57.9	114.0	14.2						
60.0	42.0	99.5	5.7	46.6	107.8	8.8	53.2	107.6	11.3						
65.0	35.8	93.2	4.9	41.0	98.1	7.5	48.2	107.6	10.2						
65.7	33.6	93.2	4.9	41.0	90.1	7.5	40.2	103.4	10.2	55.0	106.0	8.4			
70.0	28.5	85.1	4.3	34.7	91.6	6.4	42.7	98.4	9.2	51.0	100.0	8.3			
75.0	18.7	73.4	3.7	27.1	83.0	5.5	36.7	92.3	8.4	45.6	98.1	7.3			
76.0	16.1	70.2	3.6	21.1	00.0	0.0	50.7	32.0	0.7	75.0	30.1	1.5			
80.0	10.1	7 0.2	0.0	16.5	70.3	4.6	29.5	84.5	7.7	39.9	92.6	6.2			
85.0				. 5.0	. 5.0		20.3	73.5	7.0	34.1	86.6	5.3			
87.0							15.1	67.1	6.7	0 7.1	33.0	0.0			
90.0										26.4	77.8	4.4			
95.0										15.3	64.4	3.6			



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 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]
				47.0 r	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	7.5 m Plı	eza de p umín	lumín				
20.9	78.0	125.7	18.0												
22.0	77.2	125.5	18.0												
24.0	75.7	125.0	17.5												
26.0	74.1	124.4	17.0												
28.0	72.6	123.8	16.0												
30.0	71.0	123.2	14.8												
31.6				73.0	123.6	16.7									
32.0	69.4	122.4	13.9	72.7	123.5	16.6									
34.0	67.8	121.6	12.9	71.1	122.8	16.5									
36.0	66.2	120.8	11.9	69.5	122.1	16.2									
38.0	64.6	119.8	11.1	68.0	121.3	15.9									
40.0 42.0	62.9 61.3	118.8 117.7	10.4 9.8	66.3 64.7	120.4 119.5	15.5 15.0									
44.0	59.6	117.7	9.6	63.1	118.5	14.7									
46.0	57.8	115.4	8.5	61.4	117.4	14.7									
48.0	56.1	114.0	7.9	59.7	116.3	13.5									
48.1	30.1	114.0	1.5	55.7	110.5	10.0	65.0	118.3	13.3						
50.0	54.2	112.6	7.4	57.9	115.0	12.5	63.5	117.4	13.6						
55.0	49.5	108.6	6.4	53.5	111.6	10.3	59.3	114.6	12.3				i		
60.0	44.4	103.9	5.5	48.7	107.5	8.7	54.8	111.3	11.0						
65.0	38.8	98.2	4.7	43.5	102.6	7.3	50.1	107.4	9.9						
67.5										55.0	108.4	7.8	i		
70.0	32.4	91.1	4.0	37.8	96.7	6.2	45.1	102.8	9.0	52.8	106.6	8.0	İ		
75.0	24.5	81.7	3.5	31.2	89.3	5.3	39.6	97.2	8.1	47.8	102.3	6.9			
79.0	15.8	70.6	3.0												
80.0				22.9	79.3	4.5	33.3	90.3	7.4	43.1	97.8	5.9			
83.0				16.2	70.7	4.0									
85.0							25.7	81.3	6.8	37.3	91.8	4.9			
90.0							15.7	68.7	5.6	30.6	84.2	4.1			
95.0										22.1	73.9	3.3			
98.0										15.0	64.8	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]
				47.0 ı		eza de p	II, Punto Ilumín (2 1 ] Posici	316-1) 8	0.5 m Pl	eza de p umín	lumín				
21.5	78.0	128.7	16.7												
22.0	77.7	128.6	16.7												
24.0	76.2	128.1	16.3												
26.0	74.7	127.6	15.8												
28.0	73.2	127.0	15.3												
30.0	71.7	126.3	14.3												
32.0	70.2	125.6	13.4												
32.5				73.0	126.5	15.4									
34.0	68.7	124.9	12.8	71.9	126.0	15.3									
36.0	67.2	124.0	11.8	70.3	125.3	15.1									
38.0	65.6	123.1	10.9	68.8	124.5	14.8									
40.0	64.0	122.2	10.1	67.3	123.7	14.5									
42.0	62.4 60.8	121.2 120.1	9.5 8.9	65.7	122.8 121.9	14.2 13.9									
44.0 46.0	59.2	118.9	8.3	64.2 62.6	121.9	13.9									
48.0	57.5	117.6	7.8	60.9	119.7	13.4									
49.4	37.5	117.0	1.0	00.9	119.7	13.4	65.0	121.0	13.0						
50.0	55.8	116.3	7.2	59.3	118.6	12.5	64.6	120.7	13.0						
55.0	51.3	112.6	6.2	55.0	115.3	10.2	60.5	118.1	12.0				i		
60.0	46.6	108.1	5.3	50.5	111.4	8.6	56.3	114.9	10.8						
65.0	41.4	102.9	4.5	45.7	106.9	7.3	51.9	111.3	9.7						
69.2										55.0	110.9	7.4			
70.0	35.6	96.5	3.8	40.5	101.5	6.1	47.2	107.0	8.8	54.4	110.4	7.6	i		
75.0	28.9	88.5	3.3	34.6	94.9	5.2	42.1	101.8	7.9	49.7	106.3	6.8			
80.0	20.2	77.3	2.7	27.6	86.5	4.4	36.4	95.6	7.2	45.3	102.1	5.7			
82.0	15.5	71.0	2.5												
85.0				18.3	74.4	3.7	29.9	87.9	6.6	40.0	96.6	4.8			
86.0				15.8	71.1	3.5									
90.0							21.5	77.3	6.0	34.1	89.9	3.9			
93.0							15.4	69.1	5.1						
95.0										27.0	81.3	3.2			
100.0										17.4	68.8	2.5			



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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]
				47.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	3.5 m Pli	eza de p umín	lumín				
22.2	78.0	131.6	14.7												
24.0	76.7	131.2	14.6												
26.0	75.3	130.7	14.2												
28.0	73.9	130.1	13.9												
30.0	72.4	129.5	13.2												
32.0	71.0	128.8	12.4												
33.4				73.0	129.3	13.7									
34.0	69.5	128.1	11.8	72.5	129.1	13.7									
36.0	68.0	127.3	11.1	71.1	128.5	13.5									
38.0	66.5	126.4	10.2	69.6	127.7	13.3									
40.0	65.0	125.5	9.5	68.1	126.9	13.1									
42.0	63.5 61.9	124.5 123.5	8.8 8.3	66.6 65.1	126.1 125.2	12.8 12.5									
44.0 46.0	60.3	123.5	8.3 7.8	63.6	125.2	12.5									
48.0	58.7	122.3	7.6	62.0	124.2	12.2									
50.0	57.1	119.8	6.7	60.4	123.1	11.7									
50.0	37.1	119.0	0.7	00.4	122.0	11.7	65.0	123.7	11.9						
55.0	52.8	116.3	5.7	56.4	118.9	9.7	61.6	123.7	11.9						
60.0	48.4	110.3	4.8	52.1	115.2	8.1	57.6	118.5	10.2						
65.0	43.5	107.2	4.1	47.6	110.9	6.9	53.4	115.0	9.1						
70.0	38.2	101.3	3.4	42.7	105.8	5.7	49.0	110.9	8.3						
70.9	00.2	101.0	0.4	72.7	100.0	0.7	40.0	110.0	0.0	55.0	113.3	6.8			
75.0	32.2	94.0	2.9	37.2	99.7	4.8	44.2	106.0	7.4	51.5	110.2	6.4			
80.0	24.8	84.6	2.4	31.0	92.2	4.0	38.9	100.3	6.7	47.3	106.3	5.4			
85.0				23.4	82.3	3.3	33.0	93.3	6.1	42.4	101.2	4.4			
89.0				16.4	72.7	2.7									
90.0							25.9	84.2	5.5	37.0	95.1	3.6			
95.0							16.1	70.9	4.8	30.8	87.6	2.8			
96.0							15.1	69.5	4.4						
100.0										23.1	77.6	2.1			
101.0										21.3	75.1	2.0			



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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]
				47.0 ו		eza de p	lumín (2	316-1) 8	6.5 m Pl	eza de p umín	lumín			-	
						40.0 [ 11	n] Posici	on midia	11 (2316)						
22.8	78.0	134.5	13.7												
24.0	77.2	134.3	13.7												
26.0	75.8	133.8	13.4												
28.0	74.5	133.2	13.1												
30.0	73.1 71.7	132.6	12.7 12.0												
32.0		132.0													
34.0 34.2	70.3	131.3	11.4	73.0	132.2	12.9									
36.0	68.8	130.5	10.9	73.0	132.2	12.9									
38.0	67.4	129.7	10.9	71.6	130.9	12.6									
40.0	65.9	128.8	9.3	68.9	130.9	12.4									
42.0	64.5	127.9	8.7	67.5	129.3	12.2									
44.0	63.0	126.9	8.1	66.0	128.5	11.9							i		
46.0	61.5	125.8	7.6	64.6	127.5	11.6							i		
48.0	59.9	124.6	7.1	63.1	126.5	11.4									
50.0	58.4	123.4	6.6	61.6	125.5	11.2									
51.9							65.0	126.4	11.3						
55.0	54.4	120.0	5.5	57.7	122.5	9.6	62.7	124.9	11.2						
60.0	50.1	116.1	4.7	53.6	119.0	8.0	58.9	122.0	9.9						
65.0	45.6	111.5	3.9	49.4	114.9	6.8	54.9	118.7	8.9						
70.0	40.7	106.0	3.2	44.8	110.2	5.7	50.7	114.8	8.0						
72.6										55.0	115.8	6.3			
75.0	35.2	99.5	2.7	39.8	104.6	4.7	46.2	110.3	7.2	53.0	114.0	6.1			
80.0	28.9	91.4	2.2	34.2	97.8	3.9	41.4	105.0	6.5	49.1	110.3	5.1			
85.0				27.7	89.3	3.2	36.0	98.6	5.9	44.6	105.6	4.2			
90.0				19.2	77.5	2.6	29.8	90.8	5.3	39.6	100.0	3.3			
92.0				16.1	73.1	2.2									
95.0							22.1	80.2	4.6	34.0	93.2	2.6			
98.0							15.8	71.3	4.1						
99.0										28.9	86.6	2.0			



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Altura   Carga   Car			gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (2316-1) 89.5 m Plumín  43.0 [ m ] Posición midfall (2316)  23.5	ce	o de plumín	de rolda- nas		o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]
24.0					47.0 ו		eza de p	lumín (2	316-1) 8	9.5 m Pli		lumín				
28.0         76.3         136.9         12.3           28.0         75.0         136.4         12.0           30.0         73.7         135.8         11.8           32.0         72.3         135.1         11.3           34.0         70.9         134.5         10.7           35.1         38.0         69.6         133.7         10.3         72.4         134.8         11.6           38.0         68.2         132.9         9.8         71.0         134.1         11.5           40.0         66.8         132.1         9.0         69.7         133.4         11.3           42.0         65.4         131.2         8.4         68.3         132.6         11.1           44.0         64.0         130.2         7.8         66.9         131.8         10.9           46.0         62.5         129.2         7.2         65.5         130.8         10.6           48.0         61.0         128.1         6.8         64.1         129.9         10.3           50.0         55.7         123.7         5.2         58.9         126.0         9.1         63.7         128.2         10.2           65	23.5	78.0	137.5	12.4												
28.0       75.0       136.4       12.0       30.0       73.7       135.8       11.8         32.0       72.3       135.1       11.3       34.0       70.9       134.5       10.7       73.0       135.1       11.7         36.0       69.6       133.7       10.3       72.4       134.8       11.6       38.0       68.2       132.9       9.8       71.0       134.1       11.5       11.3       11.3       14.0       66.8       132.1       9.0       69.7       133.4       11.3       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.4       11.3       13.8       10.9       14.0       66.0       13.0       13.8       10.9       14.0       13.0       13.8       10.9       14.0       14.0       13.0       13.8       10.9       14.0       13.0       13.8       10.9 <td>24.0</td> <td>77.6</td> <td>137.4</td> <td>12.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	24.0	77.6	137.4	12.4												
30.0	26.0	76.3	136.9	12.3												
32.0	28.0	75.0	136.4	12.0												
34.0	30.0	73.7	135.8	11.8												
35.1   36.0   69.6   133.7   10.3   72.4   134.8   11.6	32.0	72.3	135.1	11.3												
36.0       69.6       133.7       10.3       72.4       134.8       11.6         38.0       68.2       132.9       9.8       71.0       134.1       11.5         40.0       66.8       132.1       9.0       69.7       133.4       11.3         42.0       65.4       131.2       8.4       68.3       132.6       11.1         44.0       64.0       130.2       7.2       65.5       130.8       10.6         48.0       61.0       128.1       6.8       64.1       129.9       10.3         50.0       59.6       126.9       6.3       62.6       128.9       10.1         65.0       55.7       123.7       5.2       58.9       126.0       9.1       63.7       128.2       10.2         60.0       51.7       120.0       4.4       55.1       122.7       7.7       60.0       125.5       9.5         65.0       47.5       115.6       3.6       51.0       118.9       6.6       56.2       122.4       8.6         70.0       42.9       110.6       3.0       46.7       114.4       5.5       52.3       118.7       7.7         80.0       <	34.0	70.9	134.5	10.7												
38.0         68.2         132.9         9.8         71.0         134.1         11.5           40.0         66.8         132.1         9.0         69.7         133.4         11.3           42.0         65.4         131.2         8.4         68.3         132.6         11.1           44.0         64.0         130.2         7.8         66.9         131.8         10.9           46.0         62.5         129.2         7.2         65.5         130.8         10.6           48.0         61.0         128.1         6.8         64.1         129.9         10.3           50.0         59.6         126.9         6.3         62.6         128.9         10.1           53.2         55.0         55.7         123.7         5.2         58.9         126.0         9.1         63.7         128.2         10.2           60.0         51.7         120.0         4.4         55.1         122.7         7.7         60.0         125.5         9.5           65.0         47.5         115.6         3.6         51.0         118.9         6.6         56.2         122.4         8.6           70.0         42.9         110.6 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
40.0       66.8       132.1       9.0       69.7       133.4       11.3         42.0       65.4       131.2       8.4       68.3       132.6       11.1         44.0       64.0       130.2       7.8       66.9       131.8       10.9         46.0       62.5       129.2       7.2       65.5       130.8       10.6         48.0       61.0       128.1       6.8       64.1       129.9       10.3         50.0       59.6       126.9       6.3       62.6       128.9       10.1         53.2       55.0       55.7       123.7       5.2       58.9       126.0       9.1       63.7       128.2       10.2         60.0       51.7       120.0       4.4       55.1       122.7       7.7       60.0       125.5       9.5         65.0       47.5       115.6       3.6       51.0       118.9       6.6       56.2       122.4       8.6         70.0       42.9       110.6       3.0       46.7       114.4       5.5       52.3       118.7       7.7         80.0       37.9       104.6       2.4       42.1       109.2       4.5       48.0 <t< td=""><td>36.0</td><td>69.6</td><td></td><td>10.3</td><td></td><td>134.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	36.0	69.6		10.3		134.8										
42.0       65.4       131.2       8.4       68.3       132.6       11.1         44.0       64.0       130.2       7.8       66.9       131.8       10.9         46.0       62.5       129.2       7.2       65.5       130.8       10.6         48.0       61.0       128.1       6.8       64.1       129.9       10.3         50.0       59.6       126.9       6.3       62.6       128.9       10.1         53.2       65.0       55.7       123.7       5.2       58.9       126.0       9.1       63.7       128.2       10.2         60.0       51.7       120.0       4.4       55.1       122.7       7.7       60.0       125.5       9.5         65.0       47.5       115.6       3.6       51.0       118.9       6.6       56.2       122.4       8.6         70.0       42.9       110.6       3.0       46.7       114.4       5.5       52.3       118.7       7.7         75.0       37.9       104.6       2.4       42.1       109.2       4.5       48.0       114.4       7.0       54.5       117.8       5.7         80.0       37.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
44.0       64.0       130.2       7.8       66.9       131.8       10.9         46.0       62.5       129.2       7.2       65.5       130.8       10.6         48.0       61.0       128.1       6.8       64.1       129.9       10.3         50.0       59.6       126.9       6.3       62.6       128.9       10.1         53.2       65.0       129.1       10.2         55.0       55.7       123.7       5.2       58.9       126.0       9.1       63.7       128.2       10.2         60.0       51.7       120.0       4.4       55.1       122.7       7.7       60.0       125.5       9.5         65.0       47.5       115.6       3.6       51.0       118.9       6.6       56.2       122.4       8.6         70.0       42.9       110.6       3.0       46.7       114.4       5.5       52.3       118.7       7.7         75.0       37.9       104.6       2.4       42.1       109.2       4.5       48.0       114.4       7.0       54.5       117.8       5.7         80.0       31.2       95.5       3.0       38.6       103.6 <td< td=""><td>40.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	40.0															
46.0       62.5       129.2       7.2       65.5       130.8       10.6       129.9       10.3         50.0       59.6       126.9       6.3       62.6       128.9       10.1       65.0       129.1       10.2         53.2       55.0       55.7       123.7       5.2       58.9       126.0       9.1       63.7       128.2       10.2         60.0       51.7       120.0       4.4       55.1       122.7       7.7       60.0       125.5       9.5         65.0       47.5       115.6       3.6       51.0       118.9       6.6       56.2       122.4       8.6         70.0       42.9       110.6       3.0       46.7       114.4       5.5       52.3       118.7       7.7         74.3       37.9       104.6       2.4       42.1       109.2       4.5       48.0       114.4       7.0       54.5       117.8       5.7         80.0       37.9       104.6       2.4       42.1       109.2       4.5       48.0       114.4       7.0       54.5       117.8       5.7         85.0       31.2       95.5       3.0       38.6       103.6       5.6 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
48.0         61.0         128.1         6.8         64.1         129.9         10.3           50.0         59.6         126.9         6.3         62.6         128.9         10.1         65.0         129.1         10.2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
50.0         59.6         126.9         6.3         62.6         128.9         10.1         65.0         129.1         10.2         <																
53.2     55.0     55.7     123.7     5.2     58.9     126.0     9.1     63.7     128.2     10.2       60.0     51.7     120.0     4.4     55.1     122.7     7.7     60.0     125.5     9.5       65.0     47.5     115.6     3.6     51.0     118.9     6.6     56.2     122.4     8.6       70.0     42.9     110.6     3.0     46.7     114.4     5.5     52.3     118.7     7.7       74.3     75.0     37.9     104.6     2.4     42.1     109.2     4.5     48.0     114.4     7.0     54.5     117.8     5.7       80.0     37.0     103.1     3.7     43.5     109.5     6.3     50.8     114.3     4.7       85.0     31.2     95.5     3.0     38.6     103.6     5.6     46.5     109.8     3.8       90.0     24.2     85.8     2.4     33.0     96.6     5.1     41.9     104.6     3.0       96.0     26.5     87.7     4.3     36.8     98.4     2.2       96.0     35.7     97.0     2.1																
55.0         55.7         123.7         5.2         58.9         126.0         9.1         63.7         128.2         10.2 <t< td=""><td></td><td>59.6</td><td>126.9</td><td>6.3</td><td>62.6</td><td>128.9</td><td>10.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		59.6	126.9	6.3	62.6	128.9	10.1									
60.0         51.7         120.0         4.4         55.1         122.7         7.7         60.0         125.5         9.5           65.0         47.5         115.6         3.6         51.0         118.9         6.6         56.2         122.4         8.6           70.0         42.9         110.6         3.0         46.7         114.4         5.5         52.3         118.7         7.7           74.3         75.0         37.9         104.6         2.4         42.1         109.2         4.5         48.0         114.4         7.0         54.5         117.8         5.7           80.0         37.9         104.6         2.4         42.1         109.2         4.5         48.0         114.4         7.0         54.5         117.8         5.7           80.0         31.2         95.5         3.0         38.6         109.5         6.3         50.8         114.3         4.7           85.0         31.2         95.5         3.0         38.6         103.6         5.6         46.5         109.8         3.8           90.0         24.2         85.8         2.4         33.0         96.6         5.1         41.9         104.6         3																
65.0         47.5         115.6         3.6         51.0         118.9         6.6         56.2         122.4         8.6           70.0         42.9         110.6         3.0         46.7         114.4         5.5         52.3         118.7         7.7           74.3         75.0         37.9         104.6         2.4         42.1         109.2         4.5         48.0         114.4         7.0         54.5         117.8         5.7           80.0         37.0         103.1         3.7         43.5         109.5         6.3         50.8         114.3         4.7           85.0         31.2         95.5         3.0         38.6         103.6         5.6         46.5         109.8         3.8           90.0         24.2         85.8         2.4         33.0         96.6         5.1         41.9         104.6         3.0           96.0         26.5         87.7         4.3         36.8         98.4         2.2           35.7         97.0         2.1																
70.0         42.9         110.6         3.0         46.7         114.4         5.5         52.3         118.7         7.7           74.3         75.0         37.9         104.6         2.4         42.1         109.2         4.5         48.0         114.4         7.0         54.5         117.8         5.7           80.0         37.0         103.1         3.7         43.5         109.5         6.3         50.8         114.3         4.7           85.0         31.2         95.5         3.0         38.6         103.6         5.6         46.5         109.8         3.8           90.0         24.2         85.8         2.4         33.0         96.6         5.1         41.9         104.6         3.0           96.0         26.5         87.7         4.3         36.8         98.4         2.2           35.7         97.0         2.1																
74.3     75.0     37.9     104.6     2.4     42.1     109.2     4.5     48.0     114.4     7.0     55.0     118.3     5.8       85.0     37.0     103.1     3.7     43.5     109.5     6.3     50.8     114.3     4.7       85.0     31.2     95.5     3.0     38.6     103.6     5.6     46.5     109.8     3.8       90.0     24.2     85.8     2.4     33.0     96.6     5.1     41.9     104.6     3.0       96.0     26.5     87.7     4.3     36.8     98.4     2.2       35.7     97.0     2.1																
75.0     37.9     104.6     2.4     42.1     109.2     4.5     48.0     114.4     7.0     54.5     117.8     5.7       80.0     37.0     103.1     3.7     43.5     109.5     6.3     50.8     114.3     4.7       85.0     31.2     95.5     3.0     38.6     103.6     5.6     46.5     109.8     3.8       90.0     24.2     85.8     2.4     33.0     96.6     5.1     41.9     104.6     3.0       95.0     26.5     87.7     4.3     36.8     98.4     2.2       96.0     35.7     97.0     2.1		42.9	110.6	3.0	46.7	114.4	5.5	52.3	118.7	7.7						
80.0     37.0     103.1     3.7     43.5     109.5     6.3     50.8     114.3     4.7       85.0     31.2     95.5     3.0     38.6     103.6     5.6     46.5     109.8     3.8       90.0     24.2     85.8     2.4     33.0     96.6     5.1     41.9     104.6     3.0       95.0     26.5     87.7     4.3     36.8     98.4     2.2       96.0     35.7     97.0     2.1		07.0	4040	0.4	40.4	400.0		40.0		7.0						
85.0         31.2         95.5         3.0         38.6         103.6         5.6         46.5         109.8         3.8           90.0         24.2         85.8         2.4         33.0         96.6         5.1         41.9         104.6         3.0           95.0         26.5         87.7         4.3         36.8         98.4         2.2           96.0         35.7         97.0         2.1		37.9	104.6	2.4						-						
90.0 95.0 96.0 24.2 85.8 2.4 33.0 96.6 5.1 41.9 104.6 3.0 26.5 87.7 4.3 36.8 98.4 2.2 35.7 97.0 2.1							-									
95.0 96.0 26.5 87.7 4.3 36.8 98.4 2.2 35.7 97.0 2.1																
96.0					24.2	85.8	2.4									
								26.5	87.7	4.3						
■ 100.0       ■     19.1   //.0   3.3 ■       ■								10.1	77.0	3.5	35.7	97.0	2.1			
101.0								-								



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]
				47.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9:	2.5 m Pli	eza de p umín	lumín				
24.1	78.0	140.4	11.4												
26.0	76.8	140.0	11.4												
28.0	75.5	139.5	11.2												
30.0	74.2	138.9	11.0												
32.0	72.9	138.3	10.6												
34.0	71.6	137.6	10.2												
36.0	70.3	136.9	9.8	73.0	137.9	10.7									
38.0	68.9	136.2	9.6	71.7	137.3	10.7									
40.0	67.6	135.4	8.9	70.4	136.6	10.5									
42.0	66.2	134.5	8.2	69.0	135.8	10.2									
44.0	64.9	133.6	7.6	67.7	135.0	10.0									
46.0	63.5	132.6	7.0	66.3	134.1	9.8									
48.0	62.1	131.5	6.6	65.0	133.2	9.5									
50.0 54.5	60.7	130.4	6.2	63.6	132.2	9.3	65.0	131.9	9.3						
55.0	57.0	127.3	5.1	60.0	129.5	8.7	64.6	131.9	9.3						
60.0	53.2	127.3	4.2	56.4	129.5	7.4	61.1	129.0	9.3						
65.0	49.2	119.7	3.5	52.5	120.3	6.4	57.5	129.0	9.1 8.4						
70.0	44.9	114.9	2.8	48.5	118.5	5.5	53.7	120.0	7.5						
75.0	40.3	109.4	2.2	44.1	113.7	4.4	49.7	118.5	6.8						
76.1		100.4	<b>-</b> .2	7-7.1	1 10.7	7.7	40.7	110.0	0.0	55.0	120.7	5.3			
80.0				39.4	108.0	3.6	45.5	113.8	6.1	52.3	118.1	4.5			
85.0				34.2	101.2	2.9	40.9	108.4	5.5	48.3	113.9	3.6			
90.0				28.1	92.7	2.3	35.8	102.0	4.9	43.9	109.0	2.8			
95.0							30.8	95.1	4.1	39.2	103.3	2.0			
100.0							24.0	85.3	3.3						
104.0							16.7	74.3	2.7						



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 ]: 124.0
Lastre central [ t ]: 52.6

		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]
				47.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9	5.5 m Pl	eza de p umín	lumín		-		
24.7	78.0	143.3	10.5			10.0[11	I 1 03101		11 (2310)	ı					
26.0	77.2	143.3	10.5							ł					
28.0	76.0	142.6	10.3							i					
30.0	74.7	142.0	10.3							i					
32.0	73.5	141.4	9.9							Ī					
34.0	72.2	140.8	9.5												
36.0	70.9	140.1	9.2							i					
36.9		i -		73.0	140.8	9.7				İ					
38.0	69.6	139.4	9.0	72.3	140.4	9.7									
40.0	68.3	138.6	8.6	71.0	139.8	9.6									
42.0	67.0	137.8	7.9	69.7	139.0	9.4									
44.0	65.7	136.9	7.3	68.4	138.3	9.2									
46.0	64.4	135.9	6.7	67.1	137.4	9.0									
48.0	63.0	134.9	6.2	65.8	136.5	8.8									
50.0	61.7	133.8	5.8	64.5	135.6	8.6									
55.0	58.2	130.9	4.8	61.1	133.0	8.2									
55.7							65.0	134.6	8.5						
60.0	54.5	127.5	3.9	57.6	129.9	7.1	62.1	132.4	8.4						
65.0	50.7	123.6	3.2	53.9	126.5	6.1	58.6	129.5	7.9 7.2						
70.0	46.7	119.2	2.6	50.1 46.0	122.5 117.9	5.3 4.3	55.0	126.2 122.4	6.5	<b>-</b>					
75.0 77.8				46.0	117.9	4.3	51.2	122.4	0.5	55.0	123.2	4.5			
80.0				41.6	112.6	3.4	47.2	118.0	5.8	55.0 53.7	123.2	4.5			
85.0				36.8	106.4	2.7	47.2 42.9	112.9	5.6	49.9	121.9	3.2			
90.0				30.0	100.4	2.1	38.3	107.0	4.6	49.9 45.8	117.9	2.4			
92.0							50.5	107.0	7.0	44.1	111.3	2.1			
95.0							33.7	100.8	3.8			2.1			
100.0				Ī			27.8	92.3	3.0	ĺ					
105.0							20.3	80.9	2.3	ĺ					
107.0							16.4	74.7	2.0						

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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 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]
				47.0		eza de p	lumín (2	316-1) 9	8.5 m Pl	eza de p umín	lumín				
						52.0 [ m	ı] Posici	ón midfa	II (2316)						
25.3	78.0	146.3	9.7												
26.0	77.6	146.1	9.7												
28.0	76.4	145.7	9.6												
30.0	75.2	145.1	9.4												
32.0	74.0	144.6	9.3												
34.0	72.8	144.0	9.0												
36.0	71.5	143.3	8.7												
37.7				73.0	143.7	9.0							<u> </u>		
38.0	70.3	142.6	8.5	72.8	143.6	9.0									
40.0	69.0	141.8	8.3	71.6	142.9	9.0									
42.0	67.8	141.0	7.7	70.4	142.2	8.8									
44.0	66.5	140.2	7.1	69.1	141.5	8.6									
46.0	65.2	139.3	6.5	67.9	140.7	8.4									
48.0	63.9	138.3	6.0	66.6	139.8	8.2									
50.0	62.6	137.3	5.6	65.3	138.9	8.0									
55.0	59.3	134.4	4.6	62.0	136.4	7.7									
57.0							65.0	137.3	7.8						
60.0	55.8	131.2	3.7	58.7	133.5	6.8	63.0	135.8	7.8						
65.0	52.2	127.5	3.0	55.2	130.2	5.9	59.7	133.0	7.5						
70.0	48.3	123.3	2.4	51.5	126.4	5.1	56.2	129.8	7.0						
75.0				47.7	122.1	4.2	52.6	126.2	6.3						
79.5										55.0	125.6	3.9			
80.0				43.5	117.1	3.3	48.8	122.0	5.7	55.0	125.6	3.9			
85.0				39.1	111.3	2.5	44.8	117.3	5.0	51.3	121.8	2.9			
90.0							40.5	111.8	4.4	47.5	117.5	2.1			
95.0							36.3	106.1	3.6						
100.0							31.0	98.4	2.8						
105.0							24.6	88.8	2.1						



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

		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]
				47.0		eża de pl	umín (23	de carga 316-1) 10 ón midfa	1.5 m P		lumín				
26.0	78.0	149.2	9.0												
28.0	76.8	148.7	9.0							İ					
30.0	75.6	148.2	8.8							İ					
32.0	74.5	147.7	8.6												
34.0	73.3	147.1	8.4												
36.0	72.1	146.5	8.1												
38.0	70.9	145.8	7.9												
38.6				73.0	146.5	8.2									
40.0	69.7	145.0	7.7	72.2	146.1	8.2									
42.0	68.5	144.3	7.4	71.0	145.4	8.1									
44.0	67.2	143.4	6.8	69.8	144.7	8.0									
46.0	66.0	142.6	6.2	68.6	143.9	7.8									
48.0	64.8	141.6	5.7	67.3	143.1	7.7									
50.0	63.5	140.6	5.3	66.1	142.2	7.5									
55.0	60.3	137.9	4.3	62.9	139.8	7.1									
58.3							65.0	140.0	7.2						
60.0	56.9	134.8	3.4	59.7	137.0	6.5	63.9	139.2	7.2						
65.0	53.5	131.3	2.7	56.3	133.8	5.6	60.7	136.5	6.9						
70.0				52.9	130.2	4.8	57.4	133.4	6.7						
75.0				49.2	126.1	4.0	53.9	130.0	5.9						
80.0				45.3	121.4	3.2	50.3	126.0	5.3						
81.2										55.0	128.1	3.2			
85.0				41.1	116.0	2.4	46.5	121.5	4.8	52.7	125.6	2.6			
88.0										50.5	123.2	2.1			
90.0							42.9	116.9	4.0						
95.0							38.5	111.0	3.3						
100.0							33.7	104.1	2.5						
103.0							30.5	99.3	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 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]
				47.0 ı		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	4.5 m P	eza de p lumín	lumín				
26.6	78.0	152.2	8.4												
28.0	77.2	151.8	8.4												
30.0	76.1	151.3	8.2												
32.0	74.9	150.8	8.0												
34.0	73.8	150.2	7.9												
36.0	72.6	149.6	7.7												
38.0	71.5	149.0	7.4												
39.5				73.0	149.4	7.7									
40.0	70.3	148.2	7.2	72.7	149.3	7.7									
42.0	69.1	147.5	7.1	71.6	148.6	7.6									
44.0	67.9	146.7	6.6	70.4	147.9	7.5									
46.0	66.7	145.8	6.0	69.2	147.1	7.3									
48.0	65.5	144.9	5.5	68.0	146.3	7.2									
50.0	64.3	144.0	5.1	66.8	145.5	7.0									
55.0	61.2	141.4	4.1	63.8	143.2	6.6	25.0	440.7	0.0						
59.5	50.0	400.4	0.0	00.7	440.5	0.0	65.0	142.7	6.6						
60.0 65.0	58.0 54.7	138.4 135.0	3.3 2.5	60.7 57.4	140.5 137.4	6.3 5.3	64.7 61.6	142.5 139.9	6.6 6.5						
70.0	54.7	135.0	2.5	57.4 54.1	137.4	4.5	58.4	139.9	6.3						
75.0				50.6	134.0	3.9	55.1	137.0	5.7						
80.0				46.9	125.6	3.1	51.7	129.9	5.1						
82.9				40.9	123.0	3.1	31.7	129.9	J. I	55.0	130.5	2.7			
85.0				43.0	120.5	2.3	48.1	125.6	4.6	53.9	129.4	2.7			
86.0				42.2	119.4	2.3	40.1	123.0	4.0	33.8	123.4	2.4			
87.0				74.4	110.7	<b>2</b> . 1				52.5	127.9	2.1			
90.0							44.2	120.7	3.9	02.0	121.0	<b>-</b> .1			
95.0							40.6	115.8	3.1						
100.0							36.1	109.4	2.3						
102.0							34.2	106.5	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]
				47.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 10	)7.5 m Pl	eza de p lumín	lumín				
27.2	78.0	155.1	7.5												
28.0	77.6	154.9	7.5												
30.0	76.5	154.4	7.4												
32.0	75.4	153.9	7.2												
34.0	74.3	153.4	7.1												
36.0	73.1	152.8	6.9												
38.0	72.0	152.1	6.7												
40.0	70.9	151.4	6.5	70.0	152.3	6.8									
40.4 42.0	69.7	150.7	6.4	73.0 72.1	152.3	6.8									
44.0	68.6	149.9	6.2	71.0	151.6	6.7									
46.0	67.4	149.1	5.7	69.8	150.4	6.5									
48.0	66.3	148.2	5.2	68.7	149.6	6.4									
50.0	65.1	147.3	4.7	67.5	148.8	6.3									
55.0	62.1	144.8	3.8	64.6	146.5	5.9									
60.0	59.0	141.9	3.0	61.6	143.9	5.6									
60.8							65.0	145.4	5.8						
65.0	55.8	138.7	2.2	58.5	141.0	4.9	62.5	143.3	5.7						
70.0				55.3	137.7	4.1	59.4	140.5	5.5						
75.0				51.9	133.9	3.6	56.2	137.3	5.1						
80.0				48.4	129.7	2.9	52.9	133.7	4.6						
84.7										55.0	133.0	2.1			
85.0							49.5	129.6	4.3	54.8	132.8	2.0			
85.1										55.0	133.0	2.0			
90.0							46.2	125.5	3.6						
95.0							42.4	120.3	2.8						
100.0	1	1					38.3	114.4	2.0						1



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 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]
				47.0		eża de pl	ıl, Punto umín (23 ı ] Posicio	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.8	78.0	158.0	6.8												
28.0	77.9	158.0	6.8												
30.0	76.8	157.5	6.8												
32.0	75.8	157.0	6.6												
34.0	74.7	156.5	6.4												
36.0	73.6	155.9	6.3												
38.0	72.5	155.3	6.1												
40.0	71.4	154.6	5.9	70.0	455.0	0.4									
41.3	70.0	450.0		73.0	155.2	6.1									
42.0	70.3	153.9	5.8	72.6	154.9	6.1									
44.0	69.2	153.2	5.7	71.5	154.3	6.0									
46.0 48.0	68.1 67.0	152.4 151.5	5.3 4.9	70.4 69.3	153.6 152.8	5.9 5.8				ł					
48.0 50.0	65.8	151.5	4.9	68.2	152.8	5.8				ł					
50.0 55.0	62.9	148.2	3.5	65.3	149.8	5.3									
60.0	59.9	145.4	2.8	62.4	147.3	5.0									
62.1	39.9	145.4	2.0	02.4	147.3	5.0	65.0	148.2	5.1	i					
65.0				59.4	144.5	4.5	63.3	146.2	5.1	l					
70.0				56.3	141.3	3.8	60.3	144.0	4.9	i					
75.0				53.1	137.7	3.3	57.3	140.9	4.6						
80.0				49.8	133.7	2.8	54.1	137.5	4.3						
85.0				40.0	100.7	2.0	50.8	133.6	4.0						
90.0				Ī			47.7	129.6	3.4				Ī		
95.0				Ī			44.1	124.7	2.5	i			Ī		
98.0							41.8	121.5	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 principa			gulo de orincipa			gulo de principa		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]
				47.0			al, Punto olumín (1			eza de p umín	lumín		_		
						13.0 [ m	n] Posici	ón midfa	II (1916)						
11.6	78.0	81.7	40.4												
12.0	77.2	81.6	40.4												
13.0	75.4	81.4	39.1												
14.0	73.5	81.1	38.0												
16.0	69.8	80.4	35.1												
18.0	66.0	79.5	32.4				ł								
18.4	00.0	70.5	00.4	73.0	80.6	35.3									
20.0 22.0	62.0 57.9	78.5 77.3	30.4 27.8	70.1 66.2	80.0 79.2	34.2 31.9	l			ł					
24.0	57.9	75.9	27.8	62.3	79.2 78.2	29.9									
26.0	49.0	74.2	23.8	58.2	77.0	28.3									
28.0	49.0	72.3	23.6	53.9	77.0 75.6	26.9									
29.1	44.1	12.3	22.0	55.9	75.0	20.9	65.0	77.5	30.6	i					
30.0	38.6	69.9	20.4	49.3	73.9	25.7	63.3	77.0	30.5	i			i		
32.0	32.4	67.0	19.2	44.4	72.0	24.2	59.3	75.9	29.3						
34.0	24.8	63.2	18.1	39.0	69.7	23.0	55.0	74.6	28.0						
36.0	15.9	58.4	15.1	32.9	66.8	21.7	50.5	73.0	27.0						
38.0				25.4	63.1	20.0	45.7	71.1	25.6	İ			İ		
40.0				16.8	58.5	14.6	40.5	68.9	24.3						
41.6										55.0	71.6	21.2			
42.0							34.5	66.2	23.2	54.5	71.4	21.7			
44.0							27.5	62.8	21.6	50.0	69.8	21.0			
46.0							18.0	57.8	20.0	45.1	67.9	20.2			
48.0										39.8	65.6	19.4			
50.0										33.8	62.9	18.7			
54.0										16.5	53.9	17.2			
62.8													35.0	53.7	11.5
65.0													28.1	50.3	11.5
67.0			l	I		1				I	1	1	18.9	45.5	10.9



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]
				47.0 r	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	5.5 m Pl	eza de p umín	lumín				
12.2	78.0	84.7	35.7												
13.0	76.6	84.5	35.3												
14.0	75.0	84.2	34.0												
16.0	71.6	83.6	31.5												
18.0	68.1	82.8	29.4												
19.3	04.0	24.0	07.0	73.0	83.4	30.7									
20.0	64.6 60.9	81.9	27.3	71.8	83.2 82.4	30.7									
22.0 24.0	57.1	80.8 79.6	25.8 24.0	68.4 64.8	82.4 81.5	28.7 27.0				ł					
26.0	53.1	78.1	22.5	61.2	80.5	25.7				i			i		
28.0	48.9	76.5	21.3	57.4	79.3	24.4									
30.0	44.4	74.5	19.8	53.4	77.8	23.3				i			i		
30.4			10.0	00.1		20.0	65.0	80.2	26.7	İ					
32.0	39.5	72.2	18.6	49.2	76.2	22.3	62.1	79.4	26.3	İ			İ		
34.0	34.0	69.4	17.6	44.8	74.3	21.1	58.4	78.2	25.3						
36.0	27.5	66.0	16.6	39.9	72.0	20.0	54.5	76.8	24.2						
38.0	19.0	61.1	15.6	34.4	69.3	19.1	50.3	75.2	23.4						
39.0	15.2	58.8	13.0												
40.0				28.0	65.8	18.0	45.9	73.4	22.2						
42.0				19.8	61.1	16.8	41.2	71.2	21.1						
43.0				16.1	58.9	13.5									
43.4							05.0	00.0	00.4	55.0	74.0	19.9			
44.0 46.0							35.9 29.8	68.6 65.4	20.1 19.1	54.0 49.8	73.6 72.0	20.3 19.6	ł		
48.0							29.6	61.1	18.0	49.6 45.4	70.1	18.8			
49.0							17.1	58.2	17.4	45.4	70.1	10.0			
50.0							17.1	30.2	17.4	40.6	67.9	18.0	ĺ		
55.0										25.3	59.9	16.4			
57.0										15.7	54.3	15.8	ĺ		
65.2													35.0	55.4	10.8
70.0													18.0	45.9	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		75° Án I	gulo de orincipa	pluma I		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]
				47.0 ו		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	8.5 m Pli	eza de p umín	lumín				
12.8	78.0	87.6	32.1												
13.0	77.7	87.5	32.1												
14.0	76.2	87.3	31.4												
16.0	73.1	86.7	29.1												
18.0	69.9	86.0	27.2												
20.0	66.7	85.2	25.3												
20.2	00.4	04.0	00.0	73.0	86.3	27.5									
22.0 24.0	63.4 60.0	84.2 83.1	23.8 22.5	70.1 66.9	85.7 84.8	26.5 25.0							ł		
26.0	56.5	81.8	21.3	63.6	83.9	23.7							ł		
28.0	52.8	80.4	20.3	60.2	82.8	22.7									
30.0	48.9	78.7	19.4	56.7	81.5	21.7							i		
31.6	10.0		10.1	00	01.0		65.0	82.9	22.8				Ī		
32.0	44.7	76.8	18.2	53.0	80.1	20.8	64.5	82.8	24.0		İ		İ		
34.0	40.3	74.5	17.2	49.2	78.4	19.9	61.1	81.7	23.3						
36.0	35.3	71.9	16.3	45.0	76.5	18.9	57.6	80.5	22.5						
38.0	29.6	68.6	15.5	40.6	74.3	17.9	54.0	79.1	21.5						
40.0	22.7	64.4	14.7	35.7	71.7	17.1	50.2	77.5	20.8						
41.0	18.2	61.6	14.2												
42.0				30.1	68.5	16.3	46.1	75.6	19.8						
44.0				23.2	64.3	15.5	41.8	73.5	18.8				l		
45.1				45.4	50.0	40.5	07.0	74.0	47.0	55.0	76.5	18.8 19.4			
46.0 48.0				15.4	59.3	12.5	37.0 31.6	71.0 67.9	17.9 17.2	53.5 49.7	75.9 74.3	19.4 18.5	ł		
50.0							25.1	64.1	16.4	45.6	72.4	17.7			
52.0							16.4	58.6	15.5	40.0	12.4	17.7			
55.0							10.4	55.0	13.3	33.7	66.2	16.1			
60.0										15.0	54.7	14.8	ĺ		
67.7										. 3.0		. ,,,	35.0	57.1	10.2
70.0													28.2	53.2	9.8
73.0													15.6	45.3	9.1



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]
				47.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín				
13.4 14.0 16.0 18.0 20.0	78.0 77.2 74.3 71.4 68.5	90.5 90.4 89.9 89.2 88.5	28.8 28.8 27.0 25.1 23.6												
21.1 22.0 24.0 26.0 28.0 30.0 32.0 32.9 34.0	65.5 62.4 59.2 55.9 52.4 48.8	87.6 86.6 85.4 84.1 82.6 80.9	22.0 20.8 19.7 18.7 17.9 17.1	73.0 71.6 68.7 65.7 62.6 59.4 56.1	89.2 88.9 88.1 87.2 86.2 85.1 83.8	24.7 24.5 23.1 21.9 20.9 20.0 19.1	65.0 63.4	85.6 85.1	20.3 21.4						
36.0 38.0 40.0 42.0 44.0 46.0	40.9 36.4 31.3 25.4 17.5	76.8 74.2 71.2 67.3 62.0	15.3 14.6 13.9 13.2 12.5	49.1 45.3 41.2 36.7 31.7 25.8	80.6 78.7 76.6 74.0 71.0 67.2	17.5 16.6 15.8 15.1 14.4 13.7	57.0 53.6 50.0 46.3 42.3	84.0 82.7 81.3 79.7 77.9 75.8	20.6 19.8 18.9 18.3 17.4 16.5	55.0	78.9	17.1			
48.0 50.0 55.0 60.0 63.0 70.1 75.0 76.0				18.2	62.1	13.0	37.9 33.1 15.8	73.3 70.4 59.0	15.8 15.1 13.4	53.0 53.2 49.6 39.6 26.7 16.2	78.1 76.5 71.3 63.4 56.3	17.1 17.9 17.2 15.5 14.1	35.0 22.3 18.2	58.9 50.7 47.9	9.5 8.4 8.2



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]
				47.0 ו		eza de p	al, Punto dumín (19 n ] Posici	916-1) 4	4.5 m Pl	eza de p umín	lumín				
14.1 16.0 18.0 20.0 21.9 22.0 24.0 26.0 28.0 30.0 32.0 34.0 34.2 36.0 38.0	78.0 75.4 72.7 70.0 67.2 64.4 61.5 58.5 55.4 52.2 48.8 45.2 41.4 37.3	93.5 93.0 92.4 91.7 90.9 89.9 88.9 87.7 86.4 84.9 83.2 81.2 79.1 76.6	26.2 25.1 23.5 22.1 20.7 19.4 18.4 17.4 16.6 15.9 15.2 14.4 13.7 13.1	73.0 72.9 70.2 67.4 64.6 61.7 58.7 55.6 52.4 49.0 45.5	92.0 92.0 91.3 90.5 89.6 87.4 86.1 84.6 82.9 81.0	22.4 22.4 21.5 20.5 19.4 18.7 17.8 16.9	65.0 62.4 59.5 56.4	88.3 87.4 86.3 85.0	19.5 19.2 18.3 17.6						
42.0 44.0 46.0 47.0 48.0 48.5 50.0 51.0 55.0 66.0 66.0 72.6	32.7 27.5 21.0 16.9	73.6 70.1 65.5 62.5	12.6 12.0 11.3 11.0	41.7 37.6 33.1 27.9 21.5 17.6	78.8 76.4 73.5 70.0 65.5 62.5	14.1 13.5 12.9 12.3 11.6 11.3	53.2 49.9 46.4 42.7 38.7 26.5 15.2	83.6 81.9 80.1 78.0 75.6 67.6 59.4	16.8 16.2 15.4 14.7 14.0 12.6 11.6	55.0 52.8 44.1 33.7 18.7 15.7	81.4 80.4 75.8 69.5 59.0 56.7	15.6 16.7 15.2 13.7 12.2 10.1	35.0 30.5	60.6	8.7 8.2
75.0 79.0													30.5 17.5	57.6 48.4	8.2 7.5



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 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]
				47.0 ו		eza de p	al, Punto llumín (1 n ] Posici	916-1) 4	7.5 m Pl	eza de p umín	lumín				
14.7 16.0 18.0 20.0 22.0	78.0 76.4 73.9 71.3 68.7	96.4 96.1 95.5 94.9 94.1	23.2 22.8 21.6 20.3 19.4												
22.8 24.0 26.0 28.0 30.0	66.1 63.4 60.7 57.9	93.3 92.3 91.2 90.0	18.4 17.6 17.0 16.3	73.0 71.5 68.9 66.3 63.6	94.9 94.5 93.8 92.9 92.0	19.9 19.8 19.0 18.4 17.8									
32.0 34.0 35.4 36.0	54.9 51.9 48.7	88.6 87.1 85.4	15.7 15.2 14.6	60.9 58.1 55.2	90.9 89.7 88.3	17.3 16.7	65.0 64.3	91.1 90.8	17.3 17.9						
38.0 40.0 42.0 44.0 46.0	45.4 41.9 38.1 33.9 29.2	83.5 81.3 78.9 76.1 72.7	13.8 13.1 12.4 11.9 11.3	52.1 49.0 45.7 42.1 38.3	86.8 85.1 83.2 81.1 78.7	15.7 15.2 14.6 14.0 13.5	61.6 58.8 55.9 52.9 49.8	89.8 88.6 87.3 85.8 84.2	17.5 17.1 16.6 16.1 15.7						
48.0 50.0 50.3 54.0	23.6 16.3	68.6 62.9	10.8	34.2 29.5 17.0	75.9 72.6 63.0	13.0 12.3 10.8	46.5 43.1	82.3 80.3	15.1 14.5	55.0	83.9	15.2			
55.0 60.0 61.0 65.0 69.0							33.1 19.0 16.3	63.2 61.0	13.2 11.5 10.4	47.8 38.9 27.7 15.1	66.8 57.1	14.8 13.4 12.3 10.4			
75.1 80.0 82.0													35.0 24.0 16.9	62.3 54.3 48.8	7.9 7.0 6.6



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		75° Án	gulo de principa	pluma I		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]
				47.0 ו	n Pluma Cab	eza de p	al, Punto olumín (1 n ] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín		-		
15.3 16.0	78.0 77.2	99.3 99.2	21.2 21.2												
18.0	74.8	98.6	20.2				i								
20.0	72.5	98.0	19.3												
22.0	70.1	97.3	18.5				i								
23.7				73.0	97.8	18.4									
24.0	67.6	96.5	17.8	72.6	97.7	18.4	i								
26.0	65.1	95.6	17.3	70.2	97.0	18.1	i		İ						
28.0	62.6	94.6	16.8	67.8	96.2	17.7									
30.0	60.0	93.5	16.3	65.3	95.3	17.3									
32.0	57.3	92.3	15.8	62.8	94.3	16.9									
34.0	54.6	90.9	15.4	60.2	93.2	16.6									
36.0	51.7	89.3	15.0	57.5	91.9	16.2									
36.7							65.0	93.8	16.6						
38.0	48.7	87.6	14.4	54.8	90.6	15.9	63.4	93.2	17.1						
40.0	45.6	85.7	13.6	51.9	89.0	15.7	60.8	92.1	16.8						
42.0	42.3	83.6	12.8	48.9	87.4	15.2	58.2	90.9	16.5						
44.0	38.7	81.2	12.2	45.8	85.5	14.7	55.5	89.5	16.2						
46.0	34.9	78.5	11.6	42.5	83.4	14.2	52.6	88.1	15.9						
48.0	30.6	75.3	11.1	39.0	81.0	13.8	49.7	86.4	15.7						
50.0	25.7	71.5	10.6	35.2	78.3	13.4	46.6	84.6	15.2						
52.0	450	00.0	0.0							55.0	86.3	14.9			
53.0	15.8	63.3	9.8	22.2	60.1	11.4	20.4	79.0	14.0	50.0	044	140			
55.0 57.0				23.3 16.4	69.1 63.4	11.4 10.6	38.1	/9.0	14.0	50.8	84.1	14.9			
57.0 60.0				16.4	63.4	10.6	27.4	71.0	12.5	43.0	79.3	13.6			
60.0 64.0							27.4 15.7	61.4	10.9	43.0	19.3	13.0			
64.0 65.0							15.7	01.4	10.9	33.7	72.8	12.5			
70.0										21.1	62.9	11.6			
71.0										17.5	59.9	11.5			
77.5										17.0	00.0	11.0	35.0	64.0	7.4
80.0													30.9	61.0	7.0
85.0										Ī			16.4	49.2	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 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]
				47.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 5	3.5 m Pl	eza de p umín	lumín				
15.9	78.0	102.3	19.3												
16.0	77.9	102.2	19.3												
18.0	75.7	101.8	18.6												
20.0	73.5	101.2	17.8												
22.0	71.2	100.5	17.0												
24.0	68.9	99.8	16.4												
24.6				73.0	100.6	16.8									
26.0	66.6	98.9	15.9	71.4	100.2	16.6									
28.0	64.3	98.0	15.5	69.1	99.4	16.3									
30.0	61.8	97.0	15.1	66.8	98.6	15.9									
32.0	59.4	95.8	14.8	64.4	97.7	15.5									
34.0	56.8	94.5	14.4	62.0	96.6	15.3									
36.0	54.2	93.1	14.1	59.5	95.5	15.0									
38.0	51.5	91.6	13.8	57.0	94.2	14.7	65.0	96.5	15.5						
40.0	48.7	89.9	13.4	54.4	92.8	14.4	62.6	95.5	15.4						
42.0	45.7	88.0	12.6	51.7	91.3	14.2	60.2	94.4	15.1						
44.0	42.6	85.9	11.9	48.9	89.6	13.9	57.7	93.2	14.9						
46.0	39.3	83.5	11.3	45.9	87.7	13.5	55.1	91.8	14.6						
48.0	35.8	80.9	10.8	42.9	85.6	13.1	52.4	90.3	14.4						
50.0	31.8	77.8	10.3	39.6	83.3	12.7	49.6	88.6	14.3						
53.7										55.0	88.8	13.5			
55.0	19.1	67.0	9.2	30.0	75.9	11.5	42.1	83.7	13.3	53.4	87.9	14.0			
56.0	15.4	63.7	8.9												
60.0				15.9	63.8	9.6	33.2	77.1	12.3	46.4	83.6	13.3			
65.0							21.2	67.1	10.8	38.3	78.0	12.2			
67.0							15.3	61.8	9.8						
70.0										28.4	70.2	11.3			
74.0										17.0	60.4	10.6			
80.0													35.0	65.7	6.7
85.0													25.3	57.9	5.9
88.0	I												15.9	49.6	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		83° Án	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I		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]
				47.0 ı	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 5	6.5 m Plı	eza de p umín	lumín				
16.5 18.0 20.0 22.0 24.0	78.0 76.5 74.4 72.3 70.1	105.2 104.9 104.3 103.7 103.0	17.6 17.4 16.5 15.8 15.1												
25.5 26.0 28.0 30.0 32.0	67.9 65.7 63.5 61.2	102.2 101.3 100.4 99.3	14.7 14.3 14.0 13.8	73.0 72.4 70.3 68.1 65.9	103.5 103.3 102.6 101.9 101.0	15.4 15.4 15.1 14.8 14.4									
34.0 36.0 38.0 39.2	58.8 56.4 53.9	98.1 96.8 95.4	13.5 13.3 13.1	63.6 61.3 59.0	100.0 99.0 97.8	14.2 13.9 13.7	65.0	99.2	13.6						
40.0 42.0 44.0 46.0 48.0	51.3 48.7 45.9 42.9 39.8	93.8 92.1 90.2 88.1 85.8	12.9 12.5 11.8 11.2 10.7	56.6 54.1 51.5 48.8 46.1	96.5 95.1 93.5 91.8 90.0	13.4 13.2 13.1 12.8 12.4	64.2 61.9 59.6 57.2 54.7	98.9 97.8 96.7 95.4 94.1	14.2 14.0 13.8 13.6 13.4						
50.0 55.0 55.4 59.0 60.0	36.5 26.7 16.2	83.2 74.9 65.3	9.1 7.5	43.2 35.0 24.6	87.9 81.6 72.7	12.1 11.5	52.2 45.4 37.6	92.5 88.1 82.3	13.2 12.6 11.9	55.0 49.2	91.2 87.7	12.3			
63.0 65.0 69.0 70.0 75.0 77.0				15.5	64.2	8.9	28.1 17.4	74.4 64.6	10.8 9.6	42.0 33.7 22.7 16.5	82.7 76.1 66.6 60.8	12.0 11.1 10.2 9.8			
82.4 85.0 90.0 91.0										10.5	00.0	3.0	35.0 31.2 19.0 15.4	67.5 64.3 53.4 50.0	6.1 5.7 5.0 4.8



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

		gulo de orincipal			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]
				47.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 5	9.5 m Pl	eza de p umín	lumín		-		
17.2 18.0 20.0 22.0 24.0	78.0 77.2 75.2 73.2 71.2	108.1 108.0 107.4 106.9 106.2	15.3 15.3 14.5 13.9 13.3												
26.0 26.3 28.0 30.0 32.0	69.1 67.0 64.9 62.7	105.4 104.6 103.7 102.7	12.9 12.5 12.3 12.0	73.0 71.3 69.2 67.1	106.4 105.8 105.1 104.3	13.3 13.2 12.9 12.7									
34.0 36.0 38.0 40.0 40.5	60.5 58.2 55.9 53.5	101.5 100.3 99.0 97.5	11.8 11.6 11.4 11.2	65.0 62.8 60.6 58.4	103.3 102.3 101.2 100.0	12.4 12.1 11.9 11.7	65.0	101.9	12.2						
42.0 44.0 46.0 48.0 50.0	51.0 48.4 45.8 42.9 40.0	95.9 94.2 92.3 90.2 87.9	11.1 10.7 10.2 9.8 9.4	56.0 53.6 51.2 48.6 45.9	98.7 97.2 95.7 93.9 92.0	11.5 11.3 11.2 11.0 10.8	63.4 61.2 58.9 56.6 54.3	101.2 100.1 98.9 97.6 96.2	12.2 12.0 11.8 11.6 11.4						
55.0 57.1 60.0 62.0 65.0	31.6 20.2 15.8	80.7 70.1 65.7	8.5 7.6 6.5	38.7 29.9 17.6	86.4 78.8 67.1	10.3 9.4 8.1	48.0 41.0 32.8	92.1 86.8 80.0	11.1	55.0 51.5 44.9	93.7 91.5 86.9	11.0 11.0			
66.0 70.0 72.0 75.0 80.0				16.3	65.8	7.2	22.0 15.9	70.0 64.0	9.0 8.5	37.5 28.4 17.2	81.0 73.1 62.3	10.2 9.6 8.5			
84.9 85.0 90.0 94.0											<b>52.</b> 3		35.0 34.8 26.3 15.0	69.2 69.0 61.3 50.4	5.4 5.4 4.7 4.1



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 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]
				47.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 6	2.5 m Pl	eza de p umín	lumín		-		
17.9 18.0 20.0 22.0 24.0 26.0 27.2 28.0 30.0 32.0 34.0 36.0 40.0 41.8 42.0 44.0 44.0	78.0 77.9 76.0 74.0 72.1 70.1 68.2 66.2 64.1 62.0 59.9 57.7 55.5 53.2 50.9 48.4 45.9	111.1 111.0 110.5 110.0 109.4 108.6 107.9 107.0 106.0 105.0 103.8 102.6 101.2 99.8 98.2 96.4 94.5	13.9 13.9 13.4 12.8 12.3 11.9 11.6 11.3 11.1 10.9 10.7 10.5 10.3	73.0 72.2 70.3 68.3 66.3 64.3 62.2 60.1 57.9 55.7 53.4 51.0	109.3 109.0 108.3 107.5 106.7 105.7 104.7 103.5 102.3 100.9 99.5 97.9	12.2 11.9 11.7 11.4 11.1 11.0 10.8	65.0 64.8 62.7 60.6 58.4	104.7 104.6 103.5 102.4 101.2	11.1 11.1 11.0 10.8 10.6						
50.0 55.0 58.9 60.0 65.0 69.0 70.0 75.0 80.0 83.0 87.3 90.0 95.0 96.0	43.2 35.9 26.9 15.4	92.4 86.2 77.8 66.1	9.0 8.3 7.5 5.7	48.6 42.0 34.5 25.0 15.9	96.2 91.1 84.6 75.6 66.2	9.9 9.6 9.3 8.1 6.4	56.2 50.4 44.1 36.9 28.2 15.5	99.9 96.1 91.3 85.3 77.3 64.4	9.9 9.7 8.9 7.9	55.0 53.7 47.7 41.0 33.3 23.3 16.8	96.1 95.3 91.1 85.9 79.1 69.5 62.8	9.9 9.9 9.7 9.6 9.4 8.6 7.8	35.0 31.4 20.8 18.0	70.9 67.6 57.2 54.3	4.9 4.6 3.9 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 orincipal		83° Án	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I		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]
				47.0 ı	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 6	5.5 m Pl		lumín				
18.5	78.0	114.0	12.6			_									
20.0	76.6	113.6	12.4												
22.0	74.8	113.1	11.9												
24.0	73.0	112.5	11.4												
26.0	71.1	111.8	11.0												
28.0	69.2	111.1	10.8												
28.1				73.0	112.1	11.2									
30.0	67.3	110.3	10.5	71.2	111.5	11.1									
32.0	65.4	109.4	10.2	69.4	110.7	10.8									
34.0	63.4	108.4	10.0	67.5	109.9	10.6									
36.0 38.0	61.4 59.4	107.3 106.1	9.9 9.6	65.5 63.6	109.0 108.1	10.3 10.1									
40.0	57.3	106.1	9.6	61.6	108.1	10.1									
42.0	55.2	104.9	9.4	59.5	107.0	9.7							i		
43.0	33.2	100.5	3.2	55.5	100.0	5.1	65.0	107.4	10.1						
44.0	53.0	102.0	9.1	57.5	104.6	9.5	64.1	106.9	10.1						
46.0	50.7	100.4	8.9	55.3	103.2	9.3	62.1	105.9	10.0						
48.0	48.4	98.7	8.7	53.1	101.7	9.2	60.1	104.7	9.8	İ		İ	İ		
50.0	46.0	96.8	8.4	50.9	100.1	9.1	58.0	103.5	9.7						
55.0	39.4	91.2	7.8	44.9	95.5	8.6	52.6	100.0	9.2						
60.0	31.8	84.1	7.2	38.2	89.7	8.3	46.8	95.6	8.9						
60.6										55.0	98.6	9.0			
65.0	21.8	73.9	6.5	30.3	82.2	7.7	40.3	90.2	8.6	50.1	95.1	8.8	ļ		
68.0	15.0	66.5	5.4												
70.0				19.6	71.1	6.9	32.8	83.3	8.3	44.0	90.4	8.6			
72.0				15.5	66.6	5.9	00.0	70.7	7.0	07.4	04.4	0.4			
75.0 78.0							23.3 15.1	73.7 64.8	7.6 7.2	37.1	84.4	8.4	l		
78.0 80.0							15.1	04.0	1.2	28.9	76.5	8.1	l		
85.0										17.5	64.5	7.5			
86.0										16.4	63.2	6.8			
89.8												0.0	35.0	72.6	4.3
90.0													34.7	72.3	4.3
95.0													27.0	64.8	3.6
99.0													17.6	54.8	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 orincipal			gulo de orincipa			gulo de principa			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]
				47.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín				
19.1 20.0 22.0 24.0 26.0 29.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.3 46.0 48.0 55.0 60.0 62.3 65.0 75.0 85.0 85.0 85.0	78.0 77.2 75.5 73.7 72.0 70.2 68.4 66.5 64.7 62.8 60.9 56.9 56.9 54.9 52.8 50.6 48.4 42.4 35.7 27.5 15.9	116.9 116.7 116.2 115.7 115.0 114.3 113.5 112.7 110.7 109.6 108.4 107.2 105.8 104.3 102.7 100.9 95.9 89.6 81.2 68.3	11.6 11.6 11.1 10.7 10.3 10.1 9.9 9.6 9.4 9.2 9.0 8.7 8.5 8.3 8.2 8.0 7.8 7.4 7.0	73.0 72.1 70.3 68.5 66.7 64.8 62.9 61.0 59.1 57.1 55.0 52.9 47.4 41.3 34.4 25.9 15.1	115.0 114.7 114.0 113.2 112.3 111.4 1109.3 108.1 106.8 105.5 104.0 99.7 94.5 87.9 79.1 67.0	10.3 10.3 10.3 10.1 9.9 9.7 9.4 9.3 9.1 8.9 8.7 8.5 8.4 7.9 7.5	65.0 63.4 61.5 59.6 54.5 49.1 43.2 36.6 28.7 17.8 16.7	110.1 109.3 108.2 107.0 103.7 99.7 94.8 88.7 80.7 68.7 67.5	9.3 9.3 9.1 9.0 8.6 8.2 7.8 7.5 7.2 6.8 6.0	55.0 52.2 46.6 40.4 33.3 24.4	101.1 99.0 94.6 89.2 82.4 73.1	8.2 8.2 7.9 7.7 7.4			
89.0 92.3 95.0 100.0 102.0										16.0	63.6	6.2	35.0 31.6 22.3 17.2	74.3 71.0 60.9 55.2	3.8 3.5 2.9 2.7



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 orincipal	pluma I	83° Án I	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		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]
				47.0	m Pluma Cab	eza de p	il, Punto lumín (1 n ] Posici	916-1) 7	1.5 m Pl		lumín				
19.7	78.0	119.9	10.4												
20.0	77.8	119.8	10.4												
22.0	76.1	119.3	10.1												
24.0	74.4	118.8	9.7												
26.0	72.8	118.2	9.4												
28.0	71.1	117.5	9.2												
29.9				73.0	117.9	9.3									
30.0	69.3	116.8	9.0	72.9	117.8	9.3									
32.0	67.6	115.9	8.8	71.2	117.1	9.2									
34.0	65.8	115.1	8.5	69.5	116.4	9.0									
36.0	64.0	114.1	8.4	67.7	115.6	8.8									
38.0	62.2	113.1	8.2	66.0	114.7	8.6									
40.0 42.0	60.4 58.5	111.9 110.7	8.0 7.9	64.2 62.4	113.8 112.7	8.4 8.3									
44.0	56.6	100.7	7.9	60.5	1112.7	8.1									
45.6	0.00	109.4	1.1	60.5	111.0	0.1	65.0	112.8	8.4						
46.0	54.6	108.0	7.5	58.6	110.4	8.0	64.6	112.6	8.4						
48.0	52.6	106.0	7.5	56.7	109.1	7.8	62.8	111.6	8.3						
50.0	50.5	104.9	7.3	54.8	107.7	7.7	61.0	110.5	8.1						
55.0	45.0	100.3	6.9	49.6	103.8	7.4	56.2	107.4	7.8						
60.0	39.0	94.6	6.5	44.0	99.0	7.0	51.2	103.6	7.5						
64.0	00.0	00	0.0		00.0		01.2	100.0		55.0	103.5	7.3			
65.0	31.9	87.4	6.1	37.8	93.1	6.8	45.8	99.1	7.3	54.0	102.8	7.3			
70.0	23.0	77.5	5.5	30.6	85.5	6.4	39.8	93.6	7.0	48.8	98.7	7.2			
73.0	15.5	68.7	5.1												
75.0				21.2	74.9	5.9	32.9	86.6	6.8	43.2	93.8	7.0			
77.0				16.0	68.8	5.7									
80.0				[			24.4	77.2	6.4	36.8	87.7	6.9			
84.0							16.4	67.9	5.6						
85.0										29.4	79.8	6.7			
90.0										19.4	68.5	6.4			
92.0				I						15.7	64.0	5.8			
94.7													35.0	76.1	3.2
95.0													34.6	75.6	3.2
100.0				-									27.6	68.2	2.6
105.0													16.8	55.6	2.1



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

	88° Án		gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	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]
47.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 74.5 m Plumín 31.0 [ m ] Posición midfall (1916)															
20.3 22.0 24.0 26.0 28.0 30.0 30.7 32.0 34.0 36.0 38.0	78.0 76.7 75.1 73.5 71.9 70.2 68.6 66.9 65.2 63.4	122.8 122.4 121.9 121.3 120.7 120.0 119.2 118.3 117.4 116.4	9.5 9.3 8.9 8.6 8.4 8.2 8.1 7.9 7.7	73.0 72.0 70.3 68.7 67.0	120.7 120.3 119.6 118.8 118.0	8.5 8.5 8.3 8.1									
40.0 42.0 44.0 46.0 46.9 48.0 50.0 55.0 60.0	61.7 59.9 58.1 56.3 54.4 52.4 47.3 41.8	115.4 114.2 113.0 111.7 110.3 108.8 104.5 99.3	7.4 7.3 7.1 7.0 6.9 6.8 6.5 6.2	65.3 63.6 61.8 60.0 58.2 56.4 51.6 46.4	117.1 116.1 115.1 113.9 112.7 111.4 107.7 103.2	7.7 7.6 7.5 7.3 7.2 7.1 6.8 6.6	65.0 64.0 62.3 57.8 53.1	115.5 115.0 113.9 111.0 107.5	7.6 7.6 7.5 7.2 6.9						
65.0 65.7 70.0 75.0 76.0	35.5 28.1 18.0 15.2	92.9 84.6 72.5 69.1	5.9 5.4 4.8 4.7	40.8 34.3 26.6	97.9 91.2 82.5	6.4 6.2 5.7	48.0 42.5 36.4	103.3 98.2 92.0	6.7 6.6 6.4	55.0 50.8 45.6	106.0 102.7 98.1	6.7 6.6 6.4			
80.0 85.0 87.0 90.0 95.0 97.2 100.0 105.0				15.6	69.2	5.2	29.1 19.6 16.0	84.0 72.7 68.3	6.1 5.8 5.3	39.9 33.3 25.3 15.3	92.6 85.7 76.6 64.4	6.3 6.3 6.0 5.4	35.0 31.8 23.4	77.8 74.3 64.6	2.8 2.6 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		75° Án I	gulo de orincipa	pluma l		gulo de orincipa		45° Án I	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]
47.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [ m ] Posición midfall (1916)															
21.0 22.0 24.0 26.0 28.0	78.0 77.2 75.7 74.1 72.6	125.7 125.5 125.0 124.4 123.8	8.5 8.5 8.2 7.9 7.6												
30.0 31.6 32.0 34.0 36.0	71.0 69.4 67.8 66.2	123.2 122.4 121.6 120.7	7.4 7.3 7.1 6.9	73.0 72.7 71.1 69.5	123.6 123.5 122.8 122.1	7.6 7.6 7.5 7.3									
38.0 40.0 42.0 44.0 46.0	64.6 62.9 61.2 59.5 57.7	119.8 118.8 117.7 116.5 115.3	6.8 6.7 6.5 6.4 6.3	67.9 66.3 64.7 63.0 61.3	121.3 120.4 119.5 118.5 117.4	7.2 7.0 6.8 6.7 6.6									
48.0 48.1 50.0 55.0 60.0	56.0 54.1 49.4 44.2	114.0 112.5 108.5 103.7	6.2 6.1 5.8 5.6	59.6 57.9 53.3 48.5	116.2 115.0 111.5 107.3	6.4 6.3 6.0 5.8	65.0 63.4 59.2 54.7	118.3 117.3 114.5 111.2	6.7 6.7 6.4 6.1						
65.0 67.5 70.0 75.0 79.0	38.6 32.0 24.0 16.7	97.9 90.7 81.1 71.7	5.3 5.1 4.6 3.7	43.3 37.5 30.8	102.4 96.4 88.9	5.7 5.5 5.3	50.0 44.9 39.3	107.3 102.6 96.9	5.9 5.8 5.6	55.0 52.6 47.8	108.4 106.5 102.3	5.8 5.8 5.7			
80.0 83.0 85.0 90.0 95.0				22.4 15.3	78.6 69.6	4.9 4.7	33.0 25.2 15.7	90.0 80.8 68.7	5.5 5.3 4.7	42.5 36.6 29.7 20.9	97.2 91.0 83.2 72.4	5.5 5.5 5.4 5.3			
98.0 99.6 100.0 102.0										15.0	64.8	4.8	35.0 34.5 32.6	79.5 79.0 76.8	2.3 2.3 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° Ángulo de pluma 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]
47.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 80.5 m Plumín 37.0 [ m ] Posición midfall (1916)															
21.6	78.0	128.7	7.8												
22.0	77.7	128.6	7.8												
24.0	76.2	128.1	7.5												
26.0	74.7	127.6	7.2												
28.0	73.3	127.0	7.0												
30.0	71.8	126.3	6.8												
32.0	70.2	125.6	6.7												
32.5				73.0	126.5	6.9									
34.0	68.7	124.9	6.5	71.9	126.0	6.9									
36.0	67.2	124.0	6.3	70.3	125.3	6.7									
38.0	65.6	123.1	6.2	68.8	124.5	6.5									
40.0	64.0	122.2	6.0	67.3	123.7	6.4									
42.0	62.4 60.8	121.1	5.9 5.8	65.7	122.8 121.8	6.2 6.1									
44.0 46.0	59.1	120.0 118.8	5.6	64.1 62.5	121.8	6.0									
48.0	57.4	117.6	5.6	60.9	119.7	5.9									
49.4	37.4	117.0	3.0	00.9	119.7	5.9	65.0	121.0	6.0						
50.0	55.7	116.2	5.5	59.2	118.5	5.7	64.5	121.0	6.0						
55.0	51.2	112.4	5.2	54.9	115.2	5.4	60.5	118.0	5.8						
60.0	46.4	108.0	5.0	50.4	111.3	5.2	56.2	114.9	5.5						
65.0	41.2	102.7	4.9	45.5	106.7	5.0	51.8	111.2	5.3						
69.2						0.0			0.0	55.0	110.9	5.2			
70.0	35.4	96.2	4.7	40.2	101.2	4.9	47.0	106.8	5.1	54.3	110.3	5.2			
75.0	28.5	88.0	4.3	34.3	94.5	4.7	41.9	101.6	5.0	49.7	106.3	5.1			
80.0	19.6	76.5	3.9	27.2	85.9	4.6	36.2	95.3	4.9	44.8	101.6	4.9			
82.0	16.3	72.2	3.5												
85.0				17.6	73.5	4.4	29.5	87.4	4.8	39.4	96.0	4.8			
86.0				15.0	70.0	4.3									
90.0							21.0	76.5	4.8	33.3	89.0	4.7			
93.0							15.4	69.1	4.3						
95.0										26.0	80.1	4.7			
100.0										15.8	66.6	4.7			



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

	88° Ángulo de pluma principal				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]
47.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 83.5 m Plumín 40.0 [ m ] Posición midfall (1916)															
22.2	78.0	131.6	7.0												
24.0	76.7	131.2	6.9												
26.0	75.3	130.7	6.6												
28.0	73.9	130.1	6.4												
30.0	72.4	129.5	6.2												
32.0	71.0	128.8	6.1												
33.4				73.0	129.3	6.2									
34.0	69.5	128.1	5.9	72.5	129.1	6.2									
36.0	68.0	127.3	5.8	71.1	128.5	6.1									
38.0	66.5 65.0	126.4 125.5	5.6	69.6 68.1	127.7 126.9	5.9 5.8									
40.0 42.0	63.5	125.5	5.5 5.4	66.6	126.9	5.8 5.7									
42.0 44.0	61.9	124.5	5.4	65.1	125.1	5.7									
46.0	60.3	123.3	5.2	63.6	123.2	5.4									
48.0	58.7	121.1	5.1	62.0	123.1	5.3									
50.0	57.1	119.8	4.9	60.4	122.0	5.2									
50.7	07.1	110.0	4.0	00.4	122.0	0.2	65.0	123.7	5.4						
55.0	52.8	116.3	4.7	56.4	118.9	4.9	61.6	121.5	5.3						
60.0	48.4	112.1	4.5	52.1	115.2	4.7	57.6	118.5	5.0						
65.0	43.5	107.2	4.3	47.6	110.9	4.5	53.4	115.0	4.8						
70.0	38.2	101.3	4.1	42.7	105.8	4.3	49.0	110.9	4.6						
70.9										55.0	113.3	4.6			
75.0	32.2	94.0	3.9	37.2	99.7	4.2	44.2	106.0	4.5	51.5	110.2	4.5			
80.0	24.8	84.6	3.6	31.0	92.2	4.0	38.9	100.3	4.3	46.9	105.8	4.4			
85.0	16.0	72.6	3.0	23.4	82.3	3.9	33.0	93.3	4.2	41.9	100.6	4.3			
89.0				16.4	72.7	3.3									
90.0							25.9	84.2	4.1	36.4	94.3	4.2			
95.0							16.1	70.9	4.0	30.0	86.5	4.1			
96.0							15.1	69.5	3.6						
100.0										22.0	76.1	4.1			
103.0										15.5	67.0	4.1			