

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]
				41.0 i		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	4.5 m Pl		lumín				
13.8 14.0 16.0	78.0 77.8 75.1	87.5 87.4 86.9	27.0 27.0 25.6												
18.0 20.0 21.2	72.4 69.7	86.3 85.6	23.9 22.4	73.0	86.1	23.1									
22.0 24.0 26.0	66.9 64.1 61.2	84.8 83.8 82.8	20.8 19.5 18.5	71.9 69.2 66.4	85.8 85.1 84.2	23.0 21.5 20.3									
28.0 30.0	58.2 55.0	81.6 80.2	17.5 16.6	63.5 60.6	83.3 82.2	19.4 18.6									
32.0 32.6 34.0	51.8 48.4	78.7 77.0	15.9 15.2	57.6 54.4	81.0 79.6	17.6 16.8	65.0 63.1	82.6 81.9	18.6 19.6						
36.0 38.0 40.0	44.8 41.0 36.8	75.0 72.8 70.3	14.4 13.7 13.1	51.2 47.8 44.1	78.0 76.3 74.3	16.1 15.3 14.5	60.1 57.1 53.9	80.8 79.5 78.1	18.7 17.9 17.1						
42.0 44.0	32.2 26.9	67.3 63.7	12.5 11.9	40.2 36.0	72.0 69.4	13.9 13.3	50.7 47.2	76.5 74.7	16.4 15.6						
46.0 47.0 48.0	20.2 15.9	58.9 55.7	11.3 10.9	31.3 25.7	66.3	12.7	43.5 39.6	72.7 70.4	14.9	55.0 51.9	76.0 74.5	15.8 16.8			
50.0 51.0 55.0				18.7 15.7	57.4 55.2	11.4 9.3	35.3 21.4	67.7 58.2	13.6	48.6 39.1	72.8 67.5	16.0 14.3			
56.0 60.0							17.4	55.2	11.7	27.1	59.6	12.9			
63.0 68.4 70.0										16.3	51.8	12.0	35.0 32.4	56.3 54.7	10.4 10.0
75.0													16.4	43.3	8.9



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		gulo de principal			gulo de orincipa			gulo de orincipal			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	ıl, Punto lumín (1: ı ] Posici	916-1) 4	7.5 m Pl	eza de p umín	lumín				
14.5	78.0	90.4	23.9												
16.0	76.1	90.0	23.3												
18.0	73.6	89.5	22.0												
20.0	71.1	88.8	20.7												
22.0	68.5	88.0	19.7												
22.1				73.0	89.0	20.6									
24.0	65.8	87.2	18.7	70.6	88.3	19.9									
26.0	63.1	86.2	17.9	68.0	87.5	19.2									
28.0	60.4	85.1	17.2	65.3	86.6	18.4									
30.0	57.6	83.8	16.6	62.6	85.6	17.8									
32.0	54.6	82.5	16.0	59.9	84.5	17.3									
33.9							65.0	85.3	18.3						
34.0	51.6	80.9	15.5	57.0	83.2	16.7	64.9	85.2	18.3						
36.0	48.4	79.2	14.9	54.1	81.8	16.2	62.2	84.2	17.9						
38.0	45.1	77.3	14.0	51.0	80.3	15.8	59.4	83.1	17.4						
40.0	41.5	75.1	13.3	47.8	78.5	15.1	56.6	81.8	16.9						
42.0	37.6 33.4	72.6 69.8	12.6 12.0	44.4	76.5 74.3	14.5	53.6 50.5	80.4 78.8	16.4						
44.0 46.0	28.7	66.4	12.0	40.8 36.9	74.3 71.8	13.9 13.4	50.5 47.3	78.8 77.0	16.0 15.4						
46.0	20.7	00.4	11.5	30.9	/ 1.0	13.4	47.3	77.0	15.4	55.0	78.4	15.5			
48.0	23.0	62.1	10.9	32.6	68.8	12.8	43.8	75.0	14.7	54.8	78.3	16.2			
50.0	15.4	56.1	10.9	27.7	65.3	12.0	40.2	72.7	14.1	51.7	76.8	16.0			
54.0	15.7	30.1	10.2	15.1	55.6	9.6	70.2	12.1	17.1	31.7	70.0	10.0			
55.0				10.1	00.0	0.0	29.4	65.3	12.7	43.5	72.1	14.8			
59.0							16.8	55.6	11.3	. 5.0		. 7.0			
60.0										33.6	65.7	13.4			
65.0										19.9	55.4	11.9			
66.0										15.8	52.2	11.6			
70.8													35.0	58.1	9.5
75.0													26.2	51.8	8.6
78.0													15.8	43.7	8.0



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		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]
				41.0 i	m Pluma Cab	eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 5	0.5 m Pl		lumín		-		
15.1 16.0 18.0 20.0 22.0 23.0 24.0 26.0 28.0 30.0 32.0 34.0	78.0 76.9 74.6 72.2 69.8 67.4 64.9 62.3 59.7 57.0 54.3	93.3 93.1 92.6 92.0 91.3 90.5 89.5 88.5 87.4 86.1 84.7	21.9 21.8 20.7 19.7 18.9 18.2 17.5 17.1 16.6 16.2 15.9	73.0 71.8 69.3 66.9 64.4 61.8 59.2	91.8 91.5 90.8 89.9 89.0 87.9 86.8	19.0 18.9 18.3 17.9 17.5 17.1			(1319)						
35.2 36.0 38.0 40.0 42.0	51.4 48.4 45.2 41.9	83.2 81.4 79.5 77.4	15.6 14.9 14.1 13.3	56.5 53.7 50.8 47.8	85.5 84.1 82.5 80.7	16.4 16.1 15.9 15.3	65.0 64.0 61.4 58.8 56.1	88.0 87.6 86.5 85.4 84.1	17.4 17.4 17.1 16.8 16.5						
44.0 46.0 48.0 49.4 50.0	38.3 34.5 30.1	75.0 72.2 68.9	12.6 11.9 11.4	44.6 41.3 37.6	78.8 76.6 74.1	14.7 14.2 13.8	53.3 50.4 47.3	82.6 81.0 79.2	16.2 16.0 15.4	55.0 54.4	80.9 80.6	15.2 15.8			
53.0 55.0 56.0 60.0	16.3	57.7	9.1	21.1 17.5	61.3 58.4	11.1	35.1	71.0	13.8	47.0	76.4	15.4			
62.0 65.0 69.0 73.3 75.0 80.0 81.0							16.2	56.1	11.1	28.0 16.7	63.0 53.8	12.8 11.5	35.0 32.6 19.3 15.3	59.8 58.0 47.4 44.1	8.9 8.6 7.6 7.4



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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]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	3.5 m Plı	eza de p umín	lumín				
15.7	78.0	96.3	19.8												
16.0	77.7	96.2	19.8												
18.0	75.5	95.7	19.0												
20.0	73.2	95.1	18.1												
22.0	71.0	94.5	17.3												
23.8				73.0	94.7	17.2									
24.0	68.7	93.7	16.7	72.8	94.6	17.2									
26.0	66.4	92.8	16.1	70.6	94.0	16.9									
28.0	64.0	91.9	15.7	68.3	93.2	16.5									
30.0	61.6	90.8	15.4	65.9	92.3	16.1									
32.0	59.1	89.7	15.0	63.5	91.3	15.7									
34.0	56.6	88.4	14.7	61.1	90.3	15.4									
36.0 36.4	53.9	87.0	14.4	58.6	89.1	15.1	65.0	90.7	15.2						
38.0	51.2	85.4	14.2	56.1	87.8	14.8	63.2	89.9	15.2						
40.0	48.4	83.7	13.6	53.4	86.3	14.6	60.7	88.9	15.7						
42.0	45.4	81.8	12.9	50.7	84.7	14.4	58.2	87.6	15.4						
44.0	42.3	79.6	12.3	47.8	83.0	13.9	55.7	86.3	14.9						
46.0	39.0	77.3	11.6	44.8	81.0	13.5	53.0	84.9	14.7						
48.0	35.4	74.6	11.1	41.7	78.9	13.1	50.2	83.2	14.5						
50.0	31.4	71.5	10.6	38.3	76.4	12.8	47.4	81.4	14.1						
51.2								-		55.0	83.3	13.7			
55.0	18.4	60.4	9.3	28.4	68.6	11.3	39.5	76.1	13.1	49.9	80.4	14.1			
56.0	15.8	58.1	8.4												
59.0				17.0	58.8	9.7									
60.0							29.9	68.7	11.9	42.4	75.5	13.4			
65.0							15.8	56.5	10.2	34.2	69.5	12.4			
70.0										21.9	59.2	11.1			
72.0										16.2	54.2	10.3			
75.7													35.0	61.5	8.1
80.0													27.2	55.2	7.3
83.0													18.7	47.9	6.8



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de 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 ו		eza de p	al, Punto Jumín (19 n ] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.3 18.0 20.0 22.0 24.0	78.0 76.3 74.2 72.0 69.9	99.2 98.8 98.3 97.6 96.9	18.1 17.8 16.9 16.0 15.4												
24.7 26.0 28.0 30.0 32.0	67.7 65.5 63.2 60.9	96.1 95.2 94.2 93.2	15.0 14.6 14.3 14.0	73.0 71.6 69.5 67.3 65.1	97.6 97.1 96.4 95.6 94.7	15.7 15.6 15.3 14.9 14.6									
34.0 36.0 37.7 38.0 40.0	58.6 56.1 53.6 51.1	92.0 90.7 89.2 87.6	13.8 13.5 13.3 13.1	62.8 60.5 58.1 55.7	93.7 92.6 91.4 90.0	14.3 14.1 13.8 13.6	65.0 64.7 62.4	93.4 93.3 92.3	14.4 14.4 14.3						
42.0 44.0 46.0 48.0 50.0	48.4 45.6 42.6 39.5 36.2	85.9 84.0 81.9 79.6 76.9	12.6 12.0 11.4 10.9	53.1 50.6 47.8 45.0 42.0	88.6 87.0 85.2 83.3	13.4 13.2 12.8 12.5 12.2	60.1 57.7 55.3 52.7 50.1	91.2 89.9 88.6 87.1 85.5	14.0 13.9 13.6 13.4						
52.9 55.0 59.0 60.0	26.2 15.4	68.5 58.5	9.3 7.8	33.7 22.7	74.6 65.0 59.2	11.4 9.7 8.9	43.1	85.5 80.7 74.4	13.3 12.5 11.8	55.0 52.5 45.7	85.8 84.3 79.9	12.6 13.1 12.7			
62.0 65.0 68.0 70.0 75.0 78.2				16.5	59.2	8.9	24.5 15.3	65.4 56.9	10.3 9.4	38.0 28.6 15.7	74.2 66.4 54.6	11.9 10.9 9.5	25.0	63.2	7.5
80.0 85.0 86.0													35.0 32.7 21.3 18.2	63.2 61.3 51.3 48.4	7.5 7.2 6.3 6.1



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto llumín (1 n ] Posici	916-1) 5	9.5 m Pl		lumín				
17.0	78.0	102.1	15.7												
18.0	77.0	101.9	15.6												
20.0	75.0	101.4	14.8							•			<u> </u>		
22.0	73.0	100.8	14.1												
24.0	70.9	100.1	13.5												
25.6				73.0	100.4	13.6									
26.0	68.9	99.4	13.1	72.6	100.3	13.6									
28.0	66.8	98.5	12.8	70.6	99.6	13.4									
30.0	64.6	97.6	12.5	68.5	98.8	13.0									
32.0	62.4	96.6	12.2	66.4	98.0	12.7									
34.0	60.2	95.4	12.0	64.2	97.0	12.5									
36.0	57.9	94.2 92.8	11.8 11.5	62.0 59.8	96.0 94.8	12.3 12.0									
38.0 39.0	55.6	92.8	11.5	59.8	94.8	12.0	65.0	96.1	12.4	ł					
40.0	53.2	91.4	11.4	57.5	93.6	11.8	63.9	95.6	12.4						
42.0	50.7	89.8	11.4	55.2	92.2	11.6	61.7	94.6	12.4						
44.0	48.2	88.0	10.8	52.7	90.7	11.4	59.4	93.4	12.2						
46.0	45.5	86.1	10.4	50.2	89.1	11.3	57.1	92.1	11.8	i					
48.0	42.6	84.0	10.0	47.6	87.3	11.0	54.8	90.8	11.6	i			i		
50.0	39.7	81.6	9.6	44.9	85.3	10.8	52.4	89.2	11.5						
54.6										55.0	88.2	11.2			
55.0	31.2	74.4	8.8	37.5	79.5	10.4	45.9	84.8	11.1	54.5	88.0	11.2			
60.0	19.6	63.5	7.8	28.4	71.5	9.3	38.6	79.1	10.7	48.3	83.9	11.0			
61.0	16.4	60.3	7.6							I					
65.0				17.2	60.8	7.5	29.8	71.6	9.8	41.3	78.7	10.7			
70.0							17.4	59.8	8.6	33.2	71.9	10.3			
71.0							16.1	58.5	8.2						
75.0										22.6	62.2	9.3			
78.0										15.3	55.0	8.5			
80.6													35.0	64.9	6.7
85.0													27.9	58.6	6.0
89.0													17.7	48.8	5.4



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	88° Án	gulo de orincipa	pluma I	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	il, Punto lumín (1 n ] Posici	916-1) 6	2.5 m Pli	eza de p umín	lumín				
17.6 18.0 20.0 22.0 24.0 26.0 26.5 28.0 30.0	78.0 77.7 75.8 73.8 71.9 69.9 68.0 65.9	105.1 105.0 104.5 103.9 103.3 102.6	14.2 14.2 13.6 13.1 12.5 12.1	73.0 71.5 69.6	103.3 102.8 102.1	12.4 12.3 12.0									
32.0 34.0 36.0 38.0 40.0 40.2	63.9 61.8 59.7 57.5 55.3	99.9 98.9 97.7 96.5 95.1	11.2 11.0 10.8 10.6 10.4	67.6 65.6 63.5 61.4 59.3	101.3 100.4 99.4 98.3 97.1	11.8 11.5 11.2 11.1 10.8	65.0	98.9	11.3						
42.0 44.0 46.0 48.0 50.0	53.0 50.6 48.2 45.6 42.9 35.5	93.6 92.0 90.2 88.3 86.2 79.9	10.2 10.1 9.8 9.5 9.2 8.6	57.1 54.8 52.5 50.1 47.7 41.0	95.9 94.5 93.0 91.3 89.5 84.3	10.6 10.4 10.3 10.1 10.0 9.6	63.2 61.1 58.9 56.7 54.5	98.0 96.9 95.7 94.4 93.0 88.9	11.2 11.0 10.8 10.6 10.5						
56.3 60.0 64.0 65.0	26.4 16.0	71.4 60.7	7.7	33.3 23.3 16.8	77.5 67.9 61.2	9.2 8.0 6.9	42.0	83.8	9.9	55.0 50.7 44.4	90.7 87.8 83.2	10.1 10.0 9.8			
70.0 74.0 75.0 80.0							24.9 15.7	68.3 58.9	8.6 7.4	37.2 28.6 16.2	77.2 69.3 56.8	9.6 9.1 8.2	35.0	66.7	6.2
85.0 90.0 92.0													32.8 22.8 17.3	64.6 54.9 49.3	5.9 5.2 4.9



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		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]
				41.0 i	m Pluma Cab	eza de p	al, Punto lumín (1 n ] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
18.3 20.0 22.0 24.0 26.0	78.0 76.4 74.6 72.8 70.9	108.0 107.6 107.1 106.4 105.8	12.9 12.7 12.1 11.6 11.2			_									
27.4 28.0 30.0 32.0 34.0	69.0 67.1 65.2 63.2	105.0 104.2 103.3 102.3	10.9 10.6 10.4 10.2	73.0 72.4 70.6 68.7 66.8	106.2 106.0 105.3 104.5 103.7	11.4 11.4 11.2 10.9 10.6									
36.0 38.0 40.0 41.5	61.2 59.2 57.1	101.2 100.0 98.7	10.0 9.7 9.5	64.8 62.8 60.8	102.7 101.7 100.6	10.4 10.2 10.0	65.0	101.6	10.3						
42.0 44.0 46.0 48.0 50.0	55.0 52.8 50.5 48.2 45.7	97.4 95.9 94.2 92.5 90.6	9.2 9.0 8.8 8.5	58.8 56.7 54.5 52.3 50.1	99.4 98.1 96.7 95.2 93.6	9.6 9.4 9.2 9.1	64.5 62.5 60.5 58.5 56.4	101.3 100.3 99.2 98.0 96.7	10.3 10.2 10.0 9.8 9.6						
55.0 58.0 60.0 65.0 67.0	39.1 31.4 21.3 15.6	77.7 67.3 61.1	7.4 6.7 6.3	37.1 28.9	88.8 82.8 74.9	8.7 8.3 7.6	50.8 44.9 38.1	92.9 88.3 82.5	9.3 8.9 8.6	55.0 52.9 47.1	93.2 91.7 87.4	9.2 9.1 8.8			
70.0 71.0 75.0 77.0 80.0				17.5 16.4	62.9 61.6	6.8	30.2 19.5 15.4	74.9 63.8 59.3	7.4 6.6	33.2 23.8	75.2 65.8	8.6 8.4 7.8			
83.0 85.6 90.0 95.0										15.8	57.2	7.5	35.0 28.5 16.8	68.4 62.0 49.7	5.5 4.9 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 orincipa			gulo de orincipa		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 ו	m Pluma Cab	eza de p	lumín (1	de carga 916-1) 6 ón midfa	8.5 m Plı	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	5.0 4.7 4.1 3.7



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

	88° Án I	gulo de orincipa	pluma I	83° Án I	gulo de orincipa	pluma l	75° Án	gulo de principa	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]
				41.0	m Pluma Cab	eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 7	1.5 m Pl	eza de p umín	lumín				
19.5 20.0 22.0 24.0 26.0 28.0 29.1 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	78.0 77.6 75.9 74.3 72.6 70.9 69.2 67.4 65.6 63.9 62.0 60.2 58.3 56.4 54.4	113.9 113.8 113.3 112.7 112.1 111.4 110.7 109.9 109.0 108.0 106.9 105.8 104.6 103.3 101.9	10.7 10.7 10.3 9.9 9.5 9.3 9.1 8.9 8.6 8.5 8.3 8.1 8.0 7.8	73.0 72.3 70.5 68.8 67.1 65.3 63.5 61.7 59.8 57.9	111.9 111.6 110.9 110.2 109.3 108.4 107.4 106.4 105.2 104.0	9.5 9.5 9.3 9.1 8.9 8.7 8.5 8.3 8.2 8.0 7.8	65.0 63.2 61.4	107.0 106.0 105.0	8.5 8.5 8.3						
50.0 55.0 60.0	50.3 44.8 38.7	98.7 94.0 88.3	7.4 7.0 6.7	54.0 48.8 43.2	101.2 97.1 92.2	7.7 7.4 7.1	59.5 54.7 49.6	103.8 100.5 96.5	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 5.8	44.0 37.8 30.5	91.7 85.8 78.3	7.2 7.0 6.7	55.0 51.4 46.0 40.1	98.1 95.4 90.9	7.5 7.4 7.2			
77.0 80.0 82.0 85.0 89.0				15.7	62.5	5.1	21.1 15.8	67.6 61.4	6.3 6.1	33.2 24.8 15.1	78.6 69.3 58.0	6.8 6.5 6.3			
90.5 95.0 100.0 101.0										13.1	30.0	0.0	35.0 28.9 18.8 16.1	71.8 65.4 53.8 50.6	4.3 3.8 3.2 3.0



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

		gulo de 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			II, Punto Iumín (1			eza de p umín	lumín				
							ı] Posici								
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	59.7	108.1	7.4	62.9 61.2	109.8	7.6									
44.0 45.3	57.9	106.9	7.2	61.2	108.7	7.5	65.0	109.7	7.7	ł					
45.3 46.0	56.1	105.6	7.1	59.4	107.5	7.4	64.4	109.7	7.7						
48.0	54.2	103.6	7.1	57.6	107.3	7.2	62.7	108.4	7.6						
50.0	52.2	104.1	6.9	55.7	100.3	7.1	60.9	107.3	7.5						
55.0	47.1	98.3	6.6	50.8	104.9	6.9	56.3	107.3	7.2	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		00.0	0.1	10.0	00.0	0.7	01.0		0.0	55.0	100.5	6.8			
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	İ		
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	4.0
95.0													32.9	71.3	3.7
100.0													24.8	62.0	3.1
104.0													15.8	51.0	2.7



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

		gulo de orincipal		83° Án	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 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n ] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.8	78.0	119.7	8.7												
22.0	77.1	119.5	8.7						İ	İ		İ	İ		
24.0	75.5	119.0	8.3							İ			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	i					
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	75.0	0.4
95.4													35.0	75.3	3.4
100.0 105.0													29.3 20.4	68.7 57.7	2.9 2.3
105.0													20.4 15.4	57.7 51.4	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 principa			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]
				41.0	m Pluma Cab	eza de p	al, Punto Jumín (1 n ] Posici	916-1) 8	0.5 m Pl		lumín				
21.4 22.0 24.0 26.0 30.0 31.8 32.0 34.0 36.0 38.0 40.0 42.0 44.0 47.8 48.0 50.0 65.0 66.6 70.0 75.0	78.0 77.6 76.1 74.6 73.1 71.6 70.1 68.5 67.0 65.4 63.8 62.2 60.6 58.9 57.2 55.5 51.0 46.2 41.0	122.7 122.5 122.1 121.5 120.9 120.3 119.5 118.8 117.9 117.0 116.1 115.0 113.7 112.7	7.9 7.6 7.4 7.1 6.9 6.8 6.6 6.4 6.3 6.1 6.0 5.9 5.7 5.6 5.5 4.9 4.8	73.0 72.8 71.3 69.8 68.2 66.7 65.1 63.5 61.9 60.3 58.6 54.3 49.7 44.8	120.5 120.4 119.8 119.0 118.3 117.4 116.5 115.5 114.4 113.3 112.1 108.7 104.7	7.0 7.0 6.9 6.7 6.6 6.4 6.2 6.1 6.0 5.9 5.5 5.3 5.1	65.0 64.9 63.3 59.2 54.9 50.4 45.5 40.2	115.2 115.1 114.1 111.3 108.0 104.1 99.5 94.0	6.1 6.1 6.1 5.8 5.5 5.3	55.0 52.0 47.3	105.4 102.9 98.6	5.3 5.3 5.1			
80.0 82.0 85.0 90.0 91.0 95.0 97.8 98.0 100.0	19.1	69.9 65.4	4.0	26.0	78.5	4.5	34.2 27.1 17.5 16.6	78.7 66.2 64.9	4.9 4.8 4.7 4.3	42.1 36.4 29.8 21.4	93.4 87.2 79.4 68.7 61.5	4.9 4.8 4.8 4.8	35.0 33.0	77.0	2.9
105.0 106.0													25.6 23.9	65.5 63.3	2.2



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de 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 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 8	3.5 m Pli		lumín				
22.0 24.0 26.0 28.0 30.0 32.0 32.6 34.0 36.0 38.0 40.0 42.0 44.0 46.0 49.1 50.0	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	125.6 125.1 124.6 124.1 123.4 122.7 122.0 121.2 120.3 119.4 118.4 117.3 116.2 115.0	7.1 7.0 6.7 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	117.9 117.5	5.5 5.5						
55.0 60.0 65.0	52.7 48.2 43.3	110.1 105.9 100.9	4.8 4.6 4.4	55.8 51.5 46.9	112.4 108.7 104.2	5.0 4.8 4.5	60.4 56.3 52.1	114.8 111.6 108.0	5.2 5.0 4.8						
68.4 70.0 75.0 80.0 85.0	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	99.0 92.8 85.0 74.5	4.3 4.2 4.0 3.8	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			
88.0 90.0 94.0 95.0 100.0				15.5	65.4	3.7	23.3 16.3	75.0 65.3	4.1 3.6	33.3 26.3 16.6	85.2 76.3 63.2	4.2 4.2 4.1			
100.3 101.0 103.0										15.7	61.9	3.6	35.0 32.3	78.7 75.5	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 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]
				41.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1 ] Posici	916-1) 8	6.5 m Plı	eza de p umín	lumín				
22.6	78.0	128.5	6.5												
24.0	77.1	128.2	6.4												
26.0	75.7	127.7	6.2												
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 61.3	120.7 119.7	4.9 4.8	65.5 64.0	122.2 121.2	5.1 5.0									
46.0 48.0	59.8	118.7	4.6	62.5	121.2	4.9									
50.0	58.2	117.3	4.6	61.0	119.1	4.9									
50.4	36.2	117.3	4.0	01.0	119.1	4.0	65.0	120.6	5.0						
55.0	54.2	113.9	4.4	57.1	116.0	4.6	61.5	118.2	4.8						
60.0	49.9	109.9	4.2	53.0	112.5	4.4	57.7	115.2	4.6						
65.0	45.4	105.3	4.0	48.7	108.3	4.2	53.6	111.8	4.4						
70.0	40.5	99.8	3.7	44.1	103.5	3.9	49.3	107.7	4.2						
70.1										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			
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			
104.0										15.4	62.3	3.0			



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]
	v			41.0 ı		eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 8	9.5 m Pli	eza de p umín	lumín				
L						46.0 [ 11	Posici	on midia	11 (1916)						
23.3	78.0 77.5	131.5	5.7 5.7												
24.0		131.3 130.8	5.7												
26.0 28.0	76.2 74.9	130.8	5.5												
30.0	73.5	129.7	5.3												
32.0	72.2	129.1	5.0												
34.0	70.8	128.4	4.9												
34.4	70.0	120.4	4.0	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	124.1	4.2	66.4	125.5	4.5									
46.0	62.4	123.1	4.2	65.0	124.5	4.3									
48.0	60.9	122.0	4.1	63.5	123.6	4.2									
50.0	59.4	120.8	4.0	62.1	122.5	4.2									
51.6							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	55.0	112.8	0.0			
71.8 75.0	37.7	98.3	3.0	41.4	102.4	3.2	46.7	107.2	3.4	55.0 52.4	112.8 110.4	3.6 3.5			
75.0 80.0	37.7	98.3	2.9	36.2	96.1	3.2	46.7 42.0	107.2	3.4	52.4 48.2	110.4	3.5			
85.0	25.2	81.7	2.9	30.2	88.3	2.9	36.9	95.8	3.3	43.7	100.2	3.4			
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	10.0	00.0	2.0	16.4	68.5	2.3	01	00.0	0.0	00.0	00.0	0.1			
95.0					00.0		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			
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

	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				41.0 ו		eza de p	lumín (1	916-1) 9:	2.5 m Pli	eza de p umín	lumín		_		
						49.0 [ m	ı] Posici	ón midfa	II (1916)						
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 67.5	130.1	4.1	71.2 69.9	131.1 130.4	4.3 4.2									
40.0 42.0	66.1	129.3 128.4	4.0 3.8	68.5	130.4	4.2									
42.0 44.0	64.7	127.5	3.6	67.2	129.6	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	00.0	124.0	0.0	00.1	120.0	0.0	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				i		
60.0	53.0	117.6	3.1	55.8	119.9	3.2	60.0	122.3	3.4				i		
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 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 ו		eza de p	ıl, Punto lumín (1: ı l Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín		_		
04.5	78.0	137.4	4.7			02.0[	I	on maia	(1010)						
24.5 26.0	78.0	137.4	4.7 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	. 0.0		0.0	73.0	134.9	4.1									
38.0	69.5	133.3	3.8	71.8	134.3	4.0							İ		
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							45.0	440.7	0.4	55.0	117.7	2.7			
80.0							45.9	110.7	2.4	51.4	114.1	2.6			
85.0										47.4	109.8	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 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 r	n Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 3	8.5 m Pl		lumín				
12.7 13.0 14.0 16.0	78.0 77.5 76.0 72.9	84.6 84.5 84.3 83.7	55.8 55.8 53.8 45.7												
18.0 19.8 20.0	69.8 66.5	83.0 82.1	39.2	73.0 72.7	83.3 83.3	46.9 46.9									
22.0 24.0 26.0 28.0	63.2 59.8 56.3 52.6	81.2 80.0 78.8 77.3	29.3 26.2 23.6 21.6	69.6 66.3 63.0 59.6	82.6 81.7 80.7 79.6	44.0 39.8 34.9 31.5									
30.0 30.9 32.0	48.7 44.5	77.3 75.6 73.6	20.0	56.0 52.3	79.6 78.3 76.8	28.4	65.0 63.2	80.0 79.5	30.4 29.9						
34.0 36.0 38.0	40.0 35.0 29.3	71.4 68.7 65.4	17.4 16.3 15.5	48.4 44.3 39.7	75.1 73.1 70.9	23.9 22.0 20.4	59.8 56.2 52.5	78.3 77.0 75.6	28.1 26.5 25.1						
40.0 41.0 42.0 43.8	22.3 17.7	61.1 58.2	14.6 14.2	34.7 28.9	64.8	19.1	48.6 44.5	73.9	23.9	55.0	73.8	19.0			
44.0 45.0 46.0				21.8 17.1	60.4 57.5	16.7 16.1	40.0 35.0	69.7 67.0	21.5	54.9 51.1	73.6 73.7 72.2	19.0			
48.0 50.0 51.0							29.2 22.2 17.6	63.7 59.4 56.5	19.8 19.0 18.5	47.1 42.9	70.4 68.3	18.5 17.7			
55.0 59.0 65.6										30.1 15.4	61.4 52.2	16.0 13.7	35.0	55.0	8.9
70.0 71.0													22.7 18.3	47.7 44.9	7.9 7.6



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

		gulo de 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		_		
					Oab	19.0 [ m	n ] Posici	ón midfa	II (2316)	aiiiii					
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	48.6	77.8	18.3	55.5	80.6	26.0	65.0	82.7	07.0	ł					
32.1 34.0	44.8	75.9	17.1	52.0	79.1	23.9	62.2	82.7 81.8	27.6 27.3						
36.0	40.7	73.7	16.0	48.4	79.1	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					
45.5		00	.2.0	00	0				20.0	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		İ					31.0	66.2	18.3	47.2	72.6	17.1	İ		
54.0							16.9	56.9	16.8						
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													35.0	56.7	7.9
70.0													31.4	54.5	7.4
74.0												1	17.6	45.4	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 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]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 4	4.5 m Pl	eza de p umín	lumín				
13.9	78.0	90.5	47.6												
14.0	77.9	90.5	47.6												
16.0	75.3	90.0	44.1												
18.0	72.6	89.3	38.1												
20.0	69.9	88.6	33.0												
21.6				73.0	89.1	41.5									
22.0	67.1	87.8	28.8	72.4	88.9	41.4									
24.0	64.2	86.9	25.3	69.7	88.2	39.1									
26.0	61.3	85.8	22.7	66.9	87.4	36.0									
28.0	58.3	84.6	20.9	64.1	86.4	31.9									
30.0	55.2	83.3	19.3	61.1	85.4	29.0									
32.0	52.0	81.8	18.0	58.1	84.2	26.2	05.0	05.5	00.0						
33.4	48.6	00.4	16.9	55.0	82.8	23.9	65.0 64.2	85.5 85.2	26.3 26.3						
34.0 36.0	45.0	80.1 78.1	15.8	51.8	81.3	23.9	61.3	84.1	25.0						
38.0	41.2	76.0	14.8	48.4	79.6	20.5	58.3	82.9	23.7						
40.0	37.1	73.4	14.0	44.8	79.6 77.6	19.0	55.2	81.6	22.4						
42.0	32.5	70.5	13.3	41.0	75.4	17.7	51.9	80.1	21.3						
44.0	27.2	66.9	12.6	36.8	72.9	16.5	48.6	78.4	20.4						
46.0	20.6	62.2	12.0	32.2	69.9	15.6	45.0	76.4	19.3						
47.0	16.4	59.1	11.6												
47.3										55.0	78.7	16.2			
48.0				26.8	66.3	14.7	41.2	74.2	18.4	54.0	78.2	17.2			
50.0				20.2	61.5	13.8	37.0	71.7	17.6	50.7	76.6	16.5			
51.0				15.8	58.3	13.3									
55.0							24.0	63.0	16.0	41.7	71.7	14.8			
57.0							16.3	57.3	15.3						
60.0										30.6	64.7	13.5			
64.0										17.6	55.4	12.6			
70.5													35.0	58.5	7.1
75.0													24.5	51.3	6.3
77.0													17.0	45.8	5.8



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

		gulo de principa			gulo de orincipa			gulo de 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 Jumín (2 n] 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	1											
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	51.7	84.0	16.4	57.5	86.4	24.0				<u> </u>					
34.7				!			65.0	88.2	25.1	•			<u> </u>		
36.0	48.6	82.3	15.4	54.6	85.1	21.9	63.3	87.5	25.0						
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						
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	12.2			
67.0										17.0	55.9	11.6			
72.9													35.0	60.2	6.2
75.0													31.6	57.8	5.9
80.0	1		1	I	1	1		I	ı	I	1	l	16.4	46.2	4.9



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	0.5 m Pl		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	73.3	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				10.0	00.0		25.4	66.5	14.3	40.8	75.1	13.1			
63.0							15.3	58.1	13.5	1					
65.0										30.9	68.0	12.0			
70.0										16.4	56.3	10.5			
75.4													35.0	61.9	5.4
80.0													25.7	54.8	4.7
83.0													15.9	46.7	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 orincipa		83° Án	gulo de orincipa	pluma I		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]
				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 22.0 24.2 26.0 28.0 30.0 32.0 34.0 36.0 37.2 38.0	78.0 77.8 75.6 73.4 71.1 68.8 66.5 64.1 61.7 59.2 56.7 54.1	99.3 99.2 98.7 98.2 97.5 96.7 95.9 94.9 93.9 92.7 91.5 90.0 88.5 86.8 84.9	36.8 36.8 35.2 31.5 27.1 24.1 21.7 19.8 18.3 17.0 15.8 14.7	73.0 71.0 68.7 66.4 64.0 61.6 59.1 56.5 53.9 51.2	97.7 97.1 96.3 95.5 94.5 93.5 92.3 91.0 89.6 88.0	33.0 32.5 31.1 29.2 26.3 24.2 22.2	65.0 64.1 61.7 59.2	93.6 93.2 92.2 91.0	22.7 22.6 21.8 20.6						
42.0 44.0 46.0 48.0 50.0 52.4	45.6 42.5 39.1 35.6 31.6	82.8 80.4 77.7 74.6	12.3 11.5 10.9 10.3 9.8	48.4 45.4 42.3 38.9	86.3 84.4 82.2 79.9	17.4 16.2 15.1 14.1 13.2	59.2 56.7 54.0 51.3 48.5	89.7 88.3 86.8 85.1	19.6 18.7 17.9	55.0	86.1	13.8			
55.0 56.0 60.0 65.0 66.0 70.0	18.7 16.3	63.7 61.5	8.7 7.6	29.2 15.8	72.3 60.7	9.1	40.8 31.6 18.7 16.2	79.9 72.9 62.0 59.7	15.3 13.9 12.6 11.9	51.7 44.4 36.0 24.6	79.6 73.6 64.3	14.2 12.9 11.6			
73.0 77.9 80.0 85.0 86.0										17.2	57.9	9.3	35.0 31.9 19.1 15.4	63.6 61.2 50.4 47.1	4.6 4.3 3.5 3.3



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]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	6.5 m Plı	eza de p umín	lumín				
16.4 18.0	78.0 76.4	102.2 101.8	33.8 33.5												
20.0 22.0 24.0	74.3 72.2 70.0	101.3 100.7 100.0	30.5 26.9 23.5												
25.1 26.0	67.8	99.2	21.3	73.0 72.0	100.5 100.2	30.5 30.3									
28.0 30.0	65.6 63.3	98.3 97.3	19.5 18.0	69.9 67.7	99.5 98.7	29.5 28.8									
32.0 34.0 36.0	61.0 58.7 56.3	96.2 95.0 93.7	16.8 15.6 14.5	65.5 63.2 60.9	97.8 96.9 95.8	26.4 24.1 22.4									
38.0 38.5	53.8	92.3	13.6	58.5	94.6	20.5	65.0	96.3	21.5						
40.0	51.2 48.5	90.7 89.0	12.8 12.1	56.1 53.6	93.3 91.8	18.8 17.4	63.3 61.0	95.6 94.5	21.4						
44.0 46.0 48.0	45.7 42.8 39.7	87.1 85.0 82.7	11.4 10.7 10.1	51.0 48.4 45.5	90.3 88.5 86.6	16.2 15.2 14.2	58.7 56.2 53.7	93.3 92.0 90.6	19.3 18.4 17.5						
50.0 54.1	36.3	80.1	9.6	42.6	84.5	13.2	51.2	89.0	16.8	55.0	88.5	13.0			
55.0 59.0 60.0	26.4 15.8	71.7 61.9	8.5 6.8	34.3 23.7	78.1 68.9	9.9	44.2 36.3	84.4 78.4	15.0 13.6	54.1 47.5	88.0 83.8	13.8			
63.0 65.0				15.3	61.1	8.2	26.4	70.0	12.4	40.1	78.5	11.4			
69.0 70.0							15.7	60.1	10.8	31.2	71.4	10.1			
75.0 76.0 80.3										18.1 16.7	59.5 58.3	8.8 8.5	35.0	65.3	4.1
85.0 88.0													26.7 18.6	58.3 50.9	3.4 3.0



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		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	55.9	96.0	13.1	60.3	98.1	20.4	05.0		40.0						
39.7	53.5	04.5	12.3	58.0	96.9	18.7	65.0	99.0 98.9	19.9 20.2						
40.0 42.0	51.0	94.5 93.0	11.6	55.7	96.9 95.5	17.2	64.8 62.6	96.9	19.8						
44.0	48.5	91.2	11.0	53.3	95.5	15.9	60.4	96.8	18.8						
46.0	45.8	89.4	10.3	50.9	94.1	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						
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	01.0	7 0.0	0.1	00.1	00.2			00.0	1 1.0	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										i		
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	9.7			
72.0							15.3	60.5	9.8						
75.0										27.0	69.1	8.4			
79.0										16.3	58.7	7.6			
82.8													35.0	67.1	3.3
85.0													32.0	64.5	3.0
90.0													21.1	54.2	2.3
91.0													18.1	51.3	2.2



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín				
17.7	78.0	108.1	28.6												
18.0	77.7	108.0	28.6												
20.0	75.8	107.5	28.0												
22.0	73.9	107.0	25.8												
24.0	72.0	106.3	23.0												
26.0	70.1	105.6	20.5												
26.8				73.0	106.3	26.1									
28.0	68.1	104.8	18.7	71.9	105.9	25.9									
30.0	66.1	104.0	17.2	69.9	105.2	25.5									
32.0	64.1	103.0	15.9	68.0	104.4	25.0									
34.0	62.0	102.0	14.9	66.0	103.5	23.6									
36.0	59.9 57.7	100.8 99.6	13.9 12.9	63.9 61.9	102.6 101.5	21.8									
38.0 40.0	55.5	99.6	12.9	59.8	101.5	20.3 18.9									
41.0	33.3	90.3	12.1	39.6	100.4	10.9	65.0	101.8	18.7						
42.0	53.2	96.8	11.4	57.6	99.1	17.3	64.0	101.8	19.1						
44.0	50.9	95.2	10.7	55.4	97.8	16.0	62.0	100.3	18.5						
46.0	48.5	93.5	10.7	53.1	96.3	14.8	59.9	99.1	17.5						
48.0	46.0	91.6	9.5	50.8	94.7	13.8	57.7	97.9	16.8						
50.0	43.3	89.5	9.0	48.3	93.0	12.9	55.5	96.5	15.9						
55.0	36.1	83.4	7.8	41.8	87.9	10.9	49.7	92.6	14.3						
57.6										55.0	93.4	11.5			
60.0	27.2	75.1	6.9	34.3	81.4	9.4	43.3	87.8	12.9	52.4	91.7	11.9			
65.0	15.0	62.7	5.4	24.8	72.4	8.2	36.0	81.7	11.7	46.3	87.3	10.8			
68.0				16.9	64.3	7.4									
70.0							27.2	73.4	10.7	39.5	81.9	9.4			
74.0							17.2	63.3	9.8						
75.0										31.0	74.3	8.2			
80.0										21.7	65.2	7.1			
82.0										15.9	59.1	6.7			
85.2													35.0	68.8	2.6
90.0													27.4	61.7	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 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	5.5 m Pli	eza de p umín	lumín				
18.3	78.0	111.0	25.8												
20.0	76.5	110.6	25.7												
22.0	74.7	110.1	24.3												
24.0	72.8	109.5	22.5												
26.0 27.7	71.0	108.8	20.2	73.0	109.1	23.6									
28.0	69.1	108.1	18.5	73.0 72.7	109.1	23.5									
30.0	67.2	107.2	17.0	70.9	108.4	23.3									
32.0	65.3	106.3	15.6	69.0	107.6	22.8									
34.0	63.4	105.4	14.5	67.1	106.8	22.3									
36.0	61.4	104.3	13.7	65.2	105.9	20.9									
38.0	59.4	103.1	12.7	63.3	104.9	19.8									
40.0	57.3	101.9	11.8	61.3	103.8	18.9									
42.0	55.2	100.5	11.1	59.3	102.7	17.5									
42.3							65.0	104.5	18.1						
44.0	53.0	99.0	10.4	57.2	101.4	16.1	63.4	103.7	18.1						
46.0	50.8	97.4	9.8 9.3	55.1 52.9	100.0 98.6	14.8	61.4	102.6 101.4	17.2 16.4						
48.0 50.0	48.5 46.1	95.7 93.8	9.3 8.7	52.9 50.6	98.6 97.0	13.8 12.9	59.4 57.3	101.4	15.7						
55.0	39.6	88.4	7.5	44.7	92.3	10.9	51.9	96.5	14.0						
59.3	00.0	00.4	7.0		02.0	10.0	01.0	- 00.0	14.0	55.0	95.9	10.9			
60.0	32.0	81.3	6.6	38.0	86.6	9.2	46.0	92.1	12.6	54.4	95.5	11.4			
65.0	22.2	71.3	5.8	30.1	79.0	8.0	39.5	86.6	11.4	48.8	91.4	10.5			
67.0	16.9	65.5	5.5												
70.0				19.4	67.9	6.9	32.0	79.6	10.4	42.6	86.5	9.1			
71.0				16.5	64.7	6.6									
75.0							22.2	69.6	9.4	36.1	80.7	7.8			
77.0							16.8	63.8	9.0		70.5	0.0			
80.0										27.7	72.5	6.8 5.8			
85.0										15.5	59.5	5.8			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	8.5 m Pli	eza de p umín	lumín				
18.9 20.0	78.0 77.1	113.9 113.7	23.5 23.5												
22.0	75.4	113.7	22.7												
24.0	73.6	112.6	21.9												
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	42.5	98.0	7.4	52.7 47.2	96.5	10.9	53.8	103.7	13.7						
60.0	35.9	86.7	6.4	41.1	91.3	9.2	48.4	96.2	12.4						
61.0	33.9	00.7	0.4	71.1	31.3	3.2	70.4	30.2	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	8.9			
74.0				16.1	65.2	6.0									
75.0							27.8	76.8	9.3	39.4	85.6	7.6			
80.0							16.4	64.2	8.4	32.2	78.6	6.6			
85.0										23.0	68.8	5.6			
88.0										15.1	59.9	5.1			



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		gulo de orincipal			gulo de orincipa		75° Án I	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]
				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	65.8	112.0	13.8	69.2	113.3	19.1									
36.0 38.0	64.0 62.2	111.1 110.0	12.8 12.0	67.4 65.7	112.5 111.6	18.7 18.1									
40.0	60.4	108.9	12.0	63.9	111.6	17.5									
42.0	58.5	108.9	10.5	62.1	10.6	17.0									
44.0	56.6	106.4	9.8	60.2	108.5	16.3									
44.8	00.0	100.4	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	47.4	94.8	8.5			
73.0	16.1	66.4	4.2												
75.0				21.0	71.7	5.6	32.1	82.9	8.9	42.3	90.2	7.3			
77.0				15.8	65.6	5.2									
80.0							23.4	73.2	8.0	35.9	84.0	6.2			
83.0							16.1	64.6	7.5	00.0	75.0	5.0			
85.0										28.2	75.9	5.3			
90.0										17.7	63.8	4.4			



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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 ı			ıl, Punto lumín (2:			eza de p umín	lumín		_		
							ı] Posici								
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 38.0	65.1 63.4	114.4 113.4	12.5 11.7	68.4 66.7	115.7 114.9	17.9 17.5									
40.0	61.7	112.4	11.7	65.0	114.9	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							i		
46.0	56.3	108.7	9.0	59.8	110.8	15.2									
46.1	00.0	100.7	0.0	00.0	110.0	10.2	65.0	112.6	15.2						
48.0	54.4	107.3	8.4	58.0	109.5	13.9	63.4	111.7	15.2						
50.0	52.4	105.8	7.9	56.1	108.2	12.8	61.6	110.7	14.6				i		
55.0	47.4	101.5	6.8	51.4	104.5	10.5	57.2	107.7	13.0						
60.0	41.9	96.4	5.8	46.2	100.1	8.9	52.4	104.1	11.6						
64.5										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	103.0	9.2			
70.0	28.3	81.9	4.4	34.2	88.0	6.4	41.9	94.6	9.5	49.6	98.9	8.2			
75.0	18.5	70.1	3.8	26.4	79.3	5.5	35.6	88.3	8.7	44.8	94.6	7.0			
76.0	15.8	66.8	3.6												
80.0				15.4	66.0	4.6	28.3	80.2	7.9	39.0	89.0	6.0			
85.0							18.4	68.4	7.0	32.3	81.9	5.0			
86.0							15.7	65.0	6.8		70.4	4.0			
90.0										24.0	72.4	4.2			
93.0										17.4	64.3	3.7			



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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 ı		eza de p	lumín (2	316-1) 7	7.5 m Pli	eza de p umín	lumín				
<u> </u>						43.0 [ m	] Posici	ón midfa	II (2316)						
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	117.7	12.3	69.3	119.0	16.5									
38.0	64.5	116.8	11.4	67.7	118.1	16.2									
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									
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	31.1	112.5	0.1	01.1	114.2	14.7	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	51.4	102.8	7.8			
75.0	24.3	78.5	3.5	30.6	85.7	5.3	38.7	93.3	8.4	47.0	98.8	6.7			
79.0	15.5	67.2	3.0												
80.0				22.2	75.4	4.5	32.2	86.2	7.7	41.7	93.6	5.6			
83.0				15.1	66.4	4.0									
85.0							24.3	76.7	6.7	35.7	87.3	4.7			
89.0							15.4	65.4	5.9						
90.0										28.7	79.2	3.8			
95.0										19.4	67.8	3.1			
96.0										17.0	64.7	2.9			



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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			II, Punto Iumín (2			eza de p	lumín				
					Cab		n ] Posici			ullilli					
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						
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	53.1	106.6	7.7			
75.0	28.8	85.3	3.3	34.1	91.4	5.2	41.3	98.0	8.2	49.0	102.9	6.5			
80.0	20.0	74.0	2.8	27.0	82.8	4.4	35.5	91.6	7.5	44.0	98.1	5.5			
82.0	15.2	67.6	2.6	47.5	70.0	0.0	00.7	00.0	0.0	20.0	00.0	4.0			
85.0				17.5	70.3	3.6	28.7	83.6	6.6	38.6	92.3	4.6			
86.0				15.7	68.0	3.2	10.0	71.5	5.6	22.4	85.2	3.7			
90.0							19.3			32.4	85.2	3.7			
92.0 95.0							15.1	65.8	5.3	24.0	75.9	3.0			
										24.9					
99.0	1	l								16.7	65.1	2.4		1	



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	3.5 m Pl	eza de p umín	lumín				
22.1	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	66.4	123.4	10.6	69.3	124.6	13.5									
40.0	64.9	122.4	9.8	67.9	123.8	13.3									
42.0	63.4	121.5	9.1	66.4	122.9	13.0									
44.0	61.8 60.2	120.4 119.3	8.5	64.8	122.0 121.0	12.7									
46.0	58.6		8.0	63.3		12.4 12.2									
48.0 49.9	58.6	118.1	7.4	61.7	119.9	12.2	65.0	120.8	12.3						
49.9 50.0	57.0	116.8	6.9	60.1	118.8	11.8	64.9	120.8	12.3						
50.0 55.0	57.0 52.8	116.8	5.8	56.1	118.8	9.8	61.0	120.7	12.3						
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	73.4	104.0	7.2	71.2	107.0	7.0	J2.1	111.5	J.4	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	7.3			
75.0	32.0	90.9	2.9	36.8	96.3	4.8	43.4	107.3	7.7	50.7	106.8	6.2			
80.0	24.7	81.4	2.4	30.5	88.6	4.1	38.1	96.4	7.0	46.1	100.0	5.1			
85.0		•		22.7	78.4	3.3	32.0	89.1	6.3	41.1	97.0	4.2			
89.0				15.4	68.4	2.6									
90.0							24.6	79.6	5.3	35.5	90.6	3.4			
95.0							15.7	67.4	4.5	29.0	82.6	2.6			
99.0										22.7	74.2	2.1			



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ו		eza de p	al, Punto dumín (2: n] Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
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	13.3												
30.0	73.0	129.6	12.9												
32.0	71.6	129.0	12.2												
33.9				73.0	129.2	13.1									
34.0	70.2	128.2	11.7	72.9	129.2	13.1									
36.0	68.8	127.5	11.2	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						
71.4										55.0	113.1	6.7			
75.0	35.1	96.4	2.7	39.4	101.2	4.7	45.5	106.6	7.5	52.4	110.7	5.9			
80.0	28.8	88.2	2.2	33.8	94.3	3.9	40.6	101.2	6.8	48.0	106.5	4.8			
85.0				27.1	85.6	3.2	35.1	94.6	6.0	43.4	101.5	3.9			
90.0				18.4	73.4	2.6	29.5	87.5	5.1	38.3	95.7	3.1			
92.0				15.2	68.8	2.2									
95.0							21.8	76.9	4.3	32.5	88.5	2.4			
97.0										29.9	85.2	2.1			
98.0							15.4	67.8	3.8						



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

		gulo de principa			gulo de orincipa			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) 8	9.5 m Pl		lumín				
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						
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	5.9			
75.0	37.8	101.5	2.5	41.7	105.8	4.6	47.4	110.8	7.3	53.8	114.5	5.5			
80.0				36.6	99.6	3.7	42.8	105.7	6.5	49.7	110.5	4.5			
85.0				30.7	91.9	3.0	37.8	99.7	5.7	45.4	105.9	3.6			
90.0				23.6	82.0	2.4	32.8	93.4	4.8	40.6	100.4	2.7			
95.0							26.2	84.4	4.0	35.4	94.0	2.0			
100.0							17.5	71.7	3.2						
101.0	I						15.2	68.2	3.0	I					



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		eza de p	al, Punto dumín (2 n ] Posici	316-1) 9:	2.5 m Pl	eza de p umín	lumín				
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									
44.0	64.8	130.5	7.8	67.4	131.9	10.2									
46.0	63.4	129.5	7.2	66.1	131.0	9.9									
48.0	62.0	128.5	6.8	64.7	130.1	9.6									
50.0	60.6	127.4	6.3	63.3	129.1	9.4									
53.7							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						
65.0	49.1	116.6	3.6	52.2	119.4	6.5	56.9	122.5	8.5						
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	5.3			
75.0	40.2	106.3	2.3	43.8	110.3	4.5	49.1	114.9	7.1	54.8	117.9	5.2			
80.0				39.1	104.5	3.6	44.8	110.1	6.3	51.3	114.4	4.3			
85.0				33.8	97.6	2.9	40.1	104.6	5.5	47.2	110.0	3.4			
90.0				27.6	89.0	2.3	35.6	98.8	4.6	42.8	105.0	2.5			
93.0										39.9	101.5	2.1			
95.0							29.8	90.9	3.8						
100.0							22.7	80.6	3.0						
103.0							17.2	72.2	2.5						



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]
				44.0		eza de p	I, Punto Iumín (2: 1 Posici	316-1) 9	5.5 m Pli	eza de p umín	lumín				
						49.0 [ 11	i j Posici	on miuia	11 (2310)						
24.6	78.0 77.1	140.4	10.7 10.7												
26.0 28.0	77.1	140.0 139.5	10.7												
30.0	75.9	139.5	10.5												
32.0	73.4	138.4	10.3												
34.0	72.1	137.8	9.7												
36.0	70.9	137.1	9.5												
36.5	. 0.0		0.0	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	55.0	400.5	4.0			
76.5				44.0	400.0	3.4	40.0	4440	0.4	55.0	120.5 118.2	4.6			
80.0 85.0				41.3 36.4	109.2 102.9	2.7	46.6 42.3	114.3 109.2	6.1 5.2	52.7 48.8	118.2	3.9 3.0			
90.0				30.4	102.9	2.1	38.1	109.2	4.3	44.7	109.3	2.2			
91.0							50.1	103.0	7.5	43.8	109.3	2.2			
95.0							32.8	96.7	3.5	70.0	100.0	2.0			
100.0							26.7	87.8	2.7						
104.0							20.7	78.6	2.1						



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

		gulo de 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 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2: ı ] Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín		-		
25.2	78.0	143.3	9.9												
26.0	77.5	143.1	9.9												
28.0	76.3	142.6	9.8												
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	65.2	136.2	6.7	67.6	137.6	8.5									
48.0	63.9	135.2	6.2	66.4	136.7	8.3									
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							65.0	134.4	7.9						
60.0	55.7	128.1	3.8	58.4	130.3	6.9	62.5	132.5	7.9						
65.0	52.1	124.4	3.1	54.9	126.9	6.0	59.2	129.7	7.6						
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	3.9			
80.0				43.2	113.7	3.4	48.2	118.5	5.9	54.1	122.0	3.6			
85.0				38.7	107.9	2.6	44.6	114.1	4.9	50.4	118.0	2.7			
89.0										47.3	114.5	2.1			
90.0							40.3	108.6	4.0						
95.0							35.5	102.1	3.2						
100.0							30.1	94.2	2.4						
103.0							26.3	88.5	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 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 38.3	70.8	142.7	8.1	73.0	143.6	8.4									
40.0	69.6	142.0	7.9	73.0	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							i		
48.0	64.7	138.6	5.9	67.1	140.0	7.8							İ		
50.0	63.4	137.6	5.5	65.9	139.1	7.6							İ		
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	3.2			
85.0				40.8	112.6	2.4	46.3	118.3	4.7	51.8	121.9	2.4			
87.0				39.0	110.2	2.1				50.3	120.3	2.0			
90.0							42.2	113.2	3.7						
95.0							37.8	107.1	2.9						
100.0							32.9	100.0	2.1						



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				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									
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						
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	2.7			
85.0				42.7	117.2	2.3	47.9	122.5	4.5	53.0	125.7	2.2			
86.0										52.4	124.9	2.0			
90.0							44.0	117.6	3.6						
95.0							39.9	112.0	2.7						
99.0							36.3	106.8	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 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		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) 10	7.5 m P		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				•			<u> </u>		
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	2.1			
84.0										54.9	130.2	2.0			
85.0				44.4	121.5	2.2	49.3	126.5	4.2						
90.0							45.7	121.8	3.3						
95.0							41.8	116.6	2.4						
97.0							40.1	114.2	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 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		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) Ĭ1	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	66.9	148.5	4.9	69.1	149.7	5.8									
50.0	65.8	147.6	4.5	68.0	148.9	5.7									
55.0	62.9	145.1	3.7	65.1	146.7	5.3									
60.0	59.9	142.4	2.9	62.2	144.2	5.1	05.0	4450	- 4	l					
61.3	56.8	400.0	2.1	50.0	444.0	4.0	65.0	145.3	5.1						
65.0 70.0	50.8	139.2	2.1	59.2 56.1	141.3 138.1	4.6 3.9	62.8 59.9	143.4 140.6	5.1 4.9						
								137.5	4.9						
75.0 80.0				52.9 49.5	134.5 130.4	3.5 2.9	56.8 53.6	137.5	4.6						
85.0				49.5	130.4	2.9	50.3	134.0	3.9						
90.0							47.2	126.0	3.9						
95.0							43.5	121.0	2.2	i					
96.0							42.7	119.9	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 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		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 77.0	78.7 78.6	41.2 41.2												
12.0 13.0	77.0	78.6	39.6												
13.0	73.3	78.3	39.6												
16.0	69.6	77.3	35.4												
18.0	65.8	76.5	32.6												
18.1	00.0	7 0.0	02.0	73.0	77.6	35.9									
20.0	61.8	75.4	30.6	69.4	76.9	34.1									
22.0	57.7	74.2	28.0	65.5	76.0	31.8							i		
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				<u> </u>		
30.0	38.3	66.8	20.7	48.5	70.6	25.5	61.8	73.7	30.3						
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	00.0	05.0	00.0						
40.0 40.4							38.3	65.0	23.9	55.0	68.8	22.4			
40.4 42.0							32.0	62.1	22.6	55.0 51.7	68.8 67.7	22.4			
42.0 44.0							32.0 24.2	58.2	20.9	46.9	67.7 65.9	22.6			
44.0 46.0							15.0	53.2	15.1	41.8	63.8	20.7			
48.0							10.0	55.2	10.1	36.1	61.2	19.8			
50.0										29.4	58.0	19.1			
53.0										16.8	51.4	15.1			
60.6											0		35.0	51.6	12.4
65.0													20.0	44.0	11.3



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	5.5 m Pli	eza de p umín	lumín				
12.1 13.0 14.0	78.0 76.5 74.8	81.7 81.4 81.2	36.4 35.9 34.5												
16.0 18.0	71.4 67.9	80.5 79.7	31.8 29.6												
18.9 20.0	64.4	78.8	27.5	73.0 71.2	80.5 80.1	31.3 30.8									
22.0 24.0 26.0	60.7 56.9 52.9	77.7 76.5 75.0	25.9 24.1 22.7	67.7 64.2 60.5	79.3 78.4 77.3	28.9 27.0 25.7									
28.0 29.6	48.7	73.4	21.5	56.7	76.0	24.3	65.0	77.3	27.0						
30.0 32.0	44.2 39.2	71.4 69.1	20.0 18.8	52.7 48.4	74.6 72.9	23.3 22.2	64.4 60.7	77.1 76.0	27.0 26.1						
34.0 36.0	33.7 27.1	66.3 62.8	17.8 16.8	43.9 38.9	70.9 68.5	21.0 19.9	56.9 52.9	74.8 73.3	25.0 24.0						
38.0 40.0 42.0	18.5	57.8	15.8	33.3 26.7 17.9	65.7 62.1 57.0	19.0 17.8 16.6	48.7 44.1 39.2	71.6 69.7 67.4	23.0 21.8 20.7						
42.1 44.0							33.6	64.6	19.8	55.0 51.4	71.3 69.9	20.9			
46.0 48.0							27.1 18.4	61.0 56.0	18.7 17.5	47.0 42.4	68.1 66.1	20.2 19.3			
50.0 55.0										37.2 19.8	63.6 54.0	18.5 16.8			
56.0 63.1 65.0 68.0										16.1	51.8	15.1	35.0 31.0 19.1	53.3 51.2 44.5	11.5 11.1 10.3



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı		eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
12.7 13.0	78.0 77.5	84.6 84.5	32.7 32.7												
14.0	76.0	84.3	31.7												
16.0	72.9	83.7	29.4										i		
18.0	69.8	83.0	27.4												
19.8				73.0	83.3	27.9									
20.0	66.5	82.1	25.5	72.7	83.3	27.9									
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							65.0	80.0	24.2						
32.0	44.5	73.6	18.3	52.3	76.8	20.8	63.2	79.5	24.1						
34.0	40.0	71.4	17.3	48.4	75.1	19.8	59.8	78.3	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	00.0	04.0	40.0	44.5	74.0	40.4						
42.0 43.8				28.9	64.8	16.2	44.5	71.9	19.4	55.0	73.8	19.6			
43.6				21.8	60.4	15.3	40.0	69.7	18.4	54.9	73.6	20.4			
45.0				17.1	57.5	14.9	40.0	09.7	10.4	34.5	75.7	20.4	i		
46.0				17.1	37.3	14.5	35.0	67.0	17.7	51.1	72.2	19.8	i		
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						
55.0										30.1	61.4	16.5			
59.0										15.4	52.2	13.7			
65.6													35.0	55.0	10.8
70.0													22.7	47.7	9.7
71.0													18.3	44.9	9.5



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 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	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín		-		
13.3	78.0	87.5	29.3			22.0[11	l   1 00101	Jii iiiidid	11 (1010)						
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	79.5	17.9	58.8	81.9	19.9									
32.0	48.6	77.8	17.1	55.5	80.6	19.0									
32.1							65.0	82.7	20.5						
34.0	44.8	75.9	16.2	52.0	79.1	18.2	62.2	81.8	21.3						
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						
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			
54.0 55.0							16.9	56.9	13.4	36.7	66.9	15.5			
60.0										22.3	57.8	15.5			
61.0										22.3 18.2	57.8 55.0	13.7			
68.0										10.2	55.0	13.7	35.0	56.7	9.9
70.0													31.4	54.5	9.9
74.0													17.6	45.4	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 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	n Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 4	4.5 m Plı	eza de p umín	lumín				
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	69.9	88.6	22.2												
21.6				73.0	89.1	22.7									
22.0	67.1	87.8	20.7	72.4	88.9	22.7									
24.0	64.2	86.9	19.4	69.7	88.2	21.5									
26.0	61.3	85.8	18.4	66.9	87.4	20.4									
28.0	58.3	84.6	17.4	64.1	86.4	19.4									
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	05.0	05.5	40.0						
33.4	48.6	00.4	15.2	55.0	82.8	16.8	65.0 64.2	85.5 85.2	19.6 19.6						
34.0 36.0	45.0	80.1 78.1	14.4	51.8	81.3	16.0	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	13.7	44.8	79.6 77.6	14.6	55.2	81.6	17.3						
42.0	32.5	70.5	12.6	41.0	75.4	14.0	51.9	80.1	16.6						
44.0	27.2	66.9	11.9	36.8	72.9	13.4	48.6	78.4	15.9						
46.0	20.6	62.2	11.3	32.2	69.9	12.8	45.0	76.4	15.1						
47.0	16.4	59.1	11.0												
47.3										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	İ		
50.0				20.2	61.5	11.5	37.0	71.7	13.8	50.7	76.6	16.4			
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	9.1
75.0													24.5	51.3	8.2
77.0													17.0	45.8	7.8



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	
ce	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 i		eza de p	ıl, Punto lumín (19 n ] Posici	916-1) 4	7.5 m Pl		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							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	78.2	13.2	48.4	81.8	15.1	57.7	85.2	17.0						
42.0	37.9	75.8	12.5	45.0	79.9	14.5	54.8	83.8	16.5						
44.0	33.7	72.9	12.0	41.5	77.7	14.0	51.7	82.3	16.0						
46.0	28.9	69.5	11.4	37.6	75.2	13.5	48.5	80.6	15.6						
48.0	23.3	65.3	10.8	33.4	72.4	12.9	45.2	78.7	14.9						
49.0										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				15.3	58.7	10.6	04.0	00.0	40.0	45.5	70.4	440			
55.0							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 12.2			
65.0 67.0										24.1 17.0	61.4 55.9				
72.9										17.0	55.9	11.6	35.0	60.2	8.3
72.9 75.0													35.0 31.6	57.8	7.9
80.0													16.4	46.2	6.9



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				44.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	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	05.0		40.7						
35.9	51.5	00.0	15.3	57.0	00.7	40.0	65.0 65.0	90.9 90.9	16.7 17.3						
36.0 38.0	48.6	86.3 84.5	14.7	57.0 54.2	88.7 87.3	16.3 16.0	62.4	89.9	17.3						
40.0	45.4	82.6	13.8	51.4	85.8	15.8	59.8	88.7	16.7						
42.0	42.1	80.5	13.0	48.4	84.0	15.8	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						
46.0	34.7	75.3	11.7	41.9	80.0	14.2	51.5	84.5	15.9				i		
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										i		
55.0				22.2	65.3	11.2	36.6	75.0	13.9	48.9	80.3	14.9	İ		
57.0				16.3	60.3	9.9									
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	7.7
80.0													25.7	54.8	6.9
83.0													15.9	46.7	6.4



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				44.0 ו		eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 5	3.5 m Pli	eza de p umín	lumín				
15.8 16.0 18.0 20.0 22.0 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	78.0 77.8 75.6 73.4 71.1 68.8 66.5 64.1 61.7 59.2 56.7 54.1 48.5 42.5	99.3 99.2 98.7 98.2 97.5 96.7 95.9 94.9 93.9 92.7 91.5 90.0 88.5 86.8 84.9 82.8	19.5 19.5 18.8 18.0 17.1 16.5 16.0 15.6 15.3 14.9 14.6 14.3 14.0 13.5 12.8 12.1	73.0 71.0 68.7 66.4 64.0 61.6 59.1 56.5 53.9 51.2 48.4	97.7 97.1 96.3 95.5 94.5 93.5 92.3 91.0 89.6 88.0 86.3	17.0 16.8 16.4 16.0 15.6 15.4 15.0 14.8 14.5 14.3 13.9	65.0 64.1 61.7 59.2 56.7	93.6 93.2 92.2 91.0 89.7	15.6 15.6 15.4 15.1 14.9						
46.0 48.0 50.0 52.4	39.1 35.6 31.6	80.4 77.7 74.6	11.5 10.9 10.5	45.4 42.3 38.9	84.4 82.2 79.9	13.5 13.1 12.7	54.0 51.3 48.5	88.3 86.8 85.1	14.7 14.5 14.2	55.0	86.1	13.6			
55.0 56.0 60.0 65.0 66.0	18.7 16.3	63.7 61.5	9.2 7.9	29.2 15.8	72.3 60.7	9.0	40.8 31.6 18.7 16.2	79.9 72.9 62.0 59.7	13.2 12.1 10.5 9.9	51.7 44.4 36.0	79.6 73.6	14.0 13.3 12.3			
70.0 73.0 77.9 80.0 85.0 86.0										25.3 15.9	64.9 56.7	11.3 10.6	35.0 31.9 19.1 15.4	63.6 61.2 50.4 47.1	7.0 6.6 5.8 5.6



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			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	n Pluma Cab	eza de p	al, Punto dumín (1 n] Posici	916-1) 5	6.5 m Pl		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 40.0	58.7 56.3 53.8	95.0 93.7 92.3	13.6 13.4 13.2	63.2 60.9 58.5 56.1	96.9 95.8 94.6	14.2 14.0 13.7	65.0 63.3	96.3 95.6	14.3 14.2						
42.0 44.0 46.0 48.0	48.5 45.7 42.8 39.7	89.0 87.1 85.0 82.7	12.5 11.9 11.3 10.8	53.6 51.0 48.4 45.5	91.8 90.3 88.5 86.6	13.3 13.1 12.8 12.5	61.0 58.7 56.2 53.7	94.5 93.3 92.0 90.6	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	JI.I	3.0	35.0 26.7 18.6	65.3 58.3 50.9	6.4 5.6 5.2



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]
				44.0 ı		eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	9.5 m Pl	eza de p umín	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	96.8 95.4	11.8	64.7 62.5	98.9 97.9	12.3						
44.0	48.3	91.1	10.7	53.2	94.0	11.5	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						
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	5.7
85.0													32.0	64.5	5.4
90.0													21.1	54.2	4.6
91.0													18.1	51.3	4.5



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			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]
				44.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 6	2.5 m Pl	eza de p umín	lumín				
17.7 18.0 20.0 22.0 26.0 26.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0 41.0 44.0 44.0 45.0 55.0 55.0	78.0 77.8 75.9 73.9 72.0 70.0 68.1 66.0 64.0 61.9 59.8 57.6 55.4 53.1 50.7 48.3 45.7 43.1 35.7	108.1 108.0 107.5 107.0 106.3 105.6 104.8 103.9 103.0 101.9 100.8 99.5 98.2 96.7 95.1 93.3 91.4 89.3 83.1	14.0 14.0 13.5 12.9 12.4 12.0 11.7 11.4 11.1 10.9 10.7 10.5 10.3 10.2 10.0 9.7 9.4 9.1 8.4	73.0 71.9 69.9 67.9 63.9 61.8 59.7 57.5 55.3 53.0 50.6 48.1 41.5	106.3 105.9 105.2 104.4 103.5 102.5 101.5 100.3 99.1 97.7 96.2 94.6 92.8 87.7	12.3 12.3 11.9 11.7 11.4 11.2 11.0 10.8 10.6 10.4 10.2 10.1 10.0 9.6	65.0 64.0 61.9 59.8 57.6 55.4 49.5	101.8 101.3 100.2 99.1 97.8 96.5	11.2 11.2 11.0 10.8 10.6 10.5	55.0	93.4	10.0			
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	52.2 46.1 39.2	91.6 87.2 81.6	9.7 9.6			
70.0 74.0 75.0 80.0 82.0 85.2 90.0 94.0							16.2	62.3	7.9	39.2 31.0 20.1 15.9	74.3 63.5 59.1	9.6 9.2 8.4 7.7	35.0 27.4 17.6	68.8 61.7 51.8	5.2 4.5 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 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 42.3	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	65.0	104.5	10.2						
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	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 42.3	95.9 95.4 91.3 86.2	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	7.9 6.8			
87.7 90.0 95.0 97.0											55.5	-5.5	35.0 32.2 22.5 17.2	70.5 67.8 57.9 52.2	4.5 4.2 3.6 3.4



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

		gulo de 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 Cab	eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 6	8.5 m Plı	eza de p umín	lumín				
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	108.7	9.4	68.2	110.1	9.9									
36.0	62.7	107.7	9.2	66.3	109.2	9.7									
38.0 40.0	60.8 58.8	106.6 105.4	9.0 8.8	64.5 62.6	108.2 107.2	9.5 9.3									
40.0	56.8	105.4	8.6	60.7	107.2	9.3									
43.5	30.0	104.1	0.0	00.7	100.1	9.1	65.0	107.2	9.4						
44.0	54.8	102.7	8.4	58.7	104.9	8.9	64.6	107.2	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						
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			
90.1													35.0	72.2	4.0
95.0													28.0	65.1	3.4
100.0	l .												16.8	52.7	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 principa			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	m Pluma Cab	eza de p	al, Punto Jumín (19 n ] Posicio	916-1) 7	1.5 m Pl	eza de p umín	lumín				
19.6 20.0 22.0 24.0 26.0 28.0 29.5 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.8	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	116.9 116.8 116.3 115.8 115.1 114.5 113.7 112.9 112.0 111.0 108.9 107.7 106.4	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	65.0 63.9 62.1	109.9 109.3 108.3	8.4 8.4 8.3						
50.0 55.0 60.0 62.8 65.0 70.0 73.0	50.4 44.9 38.8 31.8 22.8 15.2	97.1 91.4 84.2 74.3 65.3	7.3 6.9 6.6 6.2 5.6 5.2	54.4 49.2 43.6 37.3 30.0	104.5 100.5 95.6 89.6 81.9	7.7 7.4 7.1 6.8 6.4	60.3 55.5 50.4 44.9 38.8	107.2 104.0 100.1 95.4 89.7	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	10.00	33.0	V.12	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	3.4 3.2 2.6 2.3



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

		gulo de orincipa			gulo de orincipa			gulo de 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 ו	m Pluma Cab	eza de p	al, Punto lumín (1 n ] Posici	916-1) 7	4.5 m Pl	eza de p umín	lumín				
20.2 22.0 24.0 26.0 28.0 30.4 32.0 34.0 36.0 38.0 40.0 42.0	78.0 76.6 75.0 73.4 71.8 70.1 68.5 66.8 65.1 63.4 61.6 59.8 58.0	119.8 119.4 118.9 118.3 117.6 116.9 116.1 115.3 114.4 113.4 112.3 111.2	9.6 9.4 9.0 8.7 8.5 8.3 8.1 7.9 7.7 7.6 7.5 7.3 7.2	73.0 71.7 70.0 68.4 66.7 65.0 63.3 61.5	117.8 117.2 116.5 115.7 114.9 113.9 112.9	8.5 8.5 8.3 8.1 7.9 7.8 7.6 7.5									
46.0 46.1 48.0 50.0 55.0 60.0 64.5 65.0 70.0 75.0 76.0	56.2 54.3 52.3 47.2 41.6 35.4 27.9 17.7 16.7	108.6 107.2 105.7 101.4 96.1 89.7 81.4 69.2 67.9	7.0 6.9 6.8 6.5 6.2 6.0 5.5 4.9	59.7 57.9 56.0 51.2 46.0 40.3 33.8 25.9	110.7 109.5 108.2 104.4 99.9 94.4 87.7 78.8	7.3 7.2 7.1 6.8 6.6 6.4 6.2 5.7	65.0 63.3 61.6 57.1 52.3 47.2 41.6 35.3	112.6 111.7 110.6 107.6 104.0 99.6 94.4 88.0	7.7 7.6 7.5 7.2 6.9 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 95.1 100.0 105.0	10.1	01.0	7.6	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	35.0 28.5 18.7	75.7 68.5 56.8	3.1 2.5 2.0



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

Carrow   C			gulo de orincipal		83° Án	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de principa	
Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [ m ] Posición midfall (1916)  20.9   78.0   122.7   8.6   8.6   22.0   77.1   122.5   8.6   22.0   77.1   122.5   8.6   22.0   72.5   120.8   7.7   23.0   70.9   120.1   7.5   73.0   120.6   7.7   23.0   70.9   120.1   7.5   73.0   120.6   7.7   23.0   69.3   119.4   7.4   72.4   120.4   7.7   23.0   66.1   117.7   7.0   69.3   118.9   7.3   7.3   38.0   64.5   116.8   68   67.6   118.1   7.2   7.0   60.0   117.3   7.0   60.0   61.1   114.6   66   64.4   116.3   68   68   64.4   116.3   68   68   64.4   116.3   68   68   67.6   111.2   63.3   61.0   114.2   6.8   65.0   115.4   6.8   68   67.6   111.8   63.3   61.0   114.2   6.8   65.0   115.4   6.8   67.6   67.6   67.6   67.6   67.6   67.6   67.6   67.6   67.0   67.6   67.	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]
22.0					44.0 ı	m Pluma Cab	eza de p	lumín (1	916-1) 7	7.5 m Pl	eza de p umín	lumín				
24.0	20.9	78.0	122.7	8.6												
26.0 74.1 121.4 7.9 28.0 72.5 120.8 7.7 3.0 120.6 7.7 3.0 30.0 70.9 120.1 7.5 32.0 69.3 119.4 7.4 72.4 120.4 7.7 34.0 66.1 117.7 70 69.3 118.9 7.3 38.0 66.1 117.7 70 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 44.0 62.8 115.7 6.7 66.0 117.3 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 44.0 57.6 112.2 6.3 61.0 114.2 6.6 44.0 57.6 112.2 6.3 61.0 114.2 6.6 65.0 115.3 64.3 62.8 115.0 6.8 62.8 115.0 6.5 64.5 111.5 6.4 62.7 115.3 6.7 46.0 109.5 6.1 57.5 111.8 6.3 62.8 114.0 6.7 55.0 49.3 105.4 5.9 53.0 108.2 6.1 58.5 111.2 6.4 66.0 44.1 100.6 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 55.0 49.2 103.7 5.9 55.0 49.3 105.4 5.9 99.0 5.7 49.2 103.7 5.9 55.0 105.7 5.9 77.0 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 21.6 74.7 4.9 31.9 85.8 5.5 41.1 93.0 5.6 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0											İ					
28.0	24.0	75.6	122.0	8.2							İ					
30.0	26.0	74.1	121.4	7.9												
31.2   32.0   69.3   119.4   7.4   72.4   120.4   7.7   7.5   34.0   66.7   118.6   7.2   70.8   119.7   7.5   36.0   66.1   117.7   7.0   69.3   118.9   7.3   7.0   40.0   62.8   115.7   6.7   66.0   117.3   7.0   69.3   6.8   44.0   62.8   115.7   6.7   66.0   66.1   113.5   6.4   62.7   115.3   6.7   6.8   6.8   64.4   116.3   6.8   6.8   67.6   118.1   7.2   6.6   64.4   113.5   6.4   62.7   115.3   6.7   6.7   6.8	28.0	72.5	120.8	7.7												
32.0	30.0	70.9	120.1	7.5												
34.0																
36.0			-			-										
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       48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       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         75.0       23.8       77.9       4.6       30.3       85.3 <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       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       48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       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         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																
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       48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       5.6       48.1       104.0       5.9       54.0       107.7       6.1       6.4         66.0       38.4       94.8       5.4       42.9       99.0       5.7       49.2       103.7       5.9       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         79.0       16.4       68.4       3.9																
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       66.0       115.4       6.8         47.3       48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       5.6       48.1       104.0       5.9       54.0       107.7       6.1         66.2       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       21.6       74.7       4.9       31.9       85.8																
46.0         57.6         112.2         6.3         61.0         114.2         6.6         65.0         115.4         6.8         48.8         48.0         55.9         110.9         6.2         59.3         113.0         6.5         64.5         115.0         6.8         6.7         65.0         115.4         6.8         6.8         6.7         65.0         6.7         65.0         6.7         65.0         6.7         65.0         6.4         6.1         65.5         111.2         6.4         6.4         6.0         6.1         65.0         111.2         6.4         6.4         6.0         66.0         65.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         55.0         105.7         5.9         5.8         51.4         102.8			-													
47.3       48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       5.6       48.1       104.0       5.9       54.0       107.7       6.1         66.2       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       21.6       74.7       4.9       31.9       85.8       5.5       41.1       93.0       5.6         85.0       89.0       90.0       27.7       78.1       5.4         95.0       96.0       16.0       66.6       4.7       27.7       78.1				-							ł					
48.0       55.9       110.9       6.2       59.3       113.0       6.5       64.5       115.0       6.8         50.0       54.0       109.5       6.1       57.5       111.8       6.3       62.8       114.0       6.7         55.0       49.3       105.4       5.9       53.0       108.2       6.1       58.5       111.2       6.4         60.0       44.1       100.6       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         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       21.6       74.7       4.9       31.9       85.8       5.5       41.1       93.0       5.6         85.0       89.0       90.0       23.8       76.1		57.6	112.2	6.3	61.0	114.2	6.6	CE O	115.4	6.0						<del>                                     </del>
50.0         54.0         109.5         6.1         57.5         111.8         6.3         62.8         114.0         6.7         6.7         6.1         55.0         49.3         105.4         5.9         53.0         108.2         6.1         58.5         111.2         6.4         6.4         6.0         6.1         60.0         44.1         100.6         5.6         48.1         104.0         5.9         54.0         107.7         6.1         6.1         65.0         38.4         94.8         5.4         42.9         99.0         5.7         49.2         103.7         5.9         55.0         105.7         5.9         66.2         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         21.6         74.7         4.9         31.9         85.8         5.5         41.1         93.0         5.6         85.5         85.5         86.5         5.5         <		55.0	110.0	6.2	E0 2	112.0	6.5									
55.0         49.3         105.4         5.9         53.0         108.2         6.1         58.5         111.2         6.4         6.0         66.1         66.2									i .		ł					
60.0         44.1         100.6         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         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         98.4         5.7         79.0         16.4         68.4         3.9         21.6         74.7         4.9         31.9         85.8         5.5         41.1         93.0         5.6         86.5         5.5         89.0         86.5         5.5         86.5         5.5         86.5         5.5         89.0         90.0         97.5         16.3         66.6         4.7         77.7         78.1         5.4         5.3         5.3         5.3         5.3         5.3         5.3         5.3         5.3         5.3         5.3         5.3											i					
65.0         38.4         94.8         5.4         42.9         99.0         5.7         49.2         103.7         5.9         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         21.6         74.7         4.9         31.9         85.8         5.5         41.1         93.0         5.6           83.0         85.0         88.0         16.1         67.6         4.2         23.8         76.1         5.3         35.0         86.5         5.5           89.0         90.0         27.7         78.1         5.4           95.0         96.0         15.3         62.5         5.3           96.0         15.3         62.5         5.3           97.5         35.0         77.4         2.5																
66.2     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     21.6     74.7     4.9     31.9     85.8     5.5     41.1     93.0     5.6       80.0     85.0     85.0     85.0     86.5     5.5     47.1     5.3     35.0     86.5     5.5       89.0     90.0     27.7     78.1     5.4       95.0     96.0     15.3     62.5     5.3       97.5     35.0     77.4     2.5																
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         21.6         74.7         4.9         31.9         85.8         5.5         41.1         93.0         5.6           83.0         85.0         23.8         76.1         5.3         35.0         86.5         5.5           89.0         90.0         16.3         66.6         4.7         27.7         78.1         5.4           95.0         96.0         15.3         62.5         5.3         35.0         77.4         2.5           97.5         35.0         77.4         2.5         35.0         77.4         2.5											55.0	105.7	5.9			
79.0         16.4         68.4         3.9         21.6         74.7         4.9         31.9         85.8         5.5         41.1         93.0         5.6           83.0         85.0         16.1         67.6         4.2         23.8         76.1         5.3         35.0         86.5         5.5           89.0         90.0         27.7         78.1         5.4           95.0         18.0         65.9         5.3           96.0         97.5         15.3         62.5         5.3           35.0         77.4         2.5	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			
80.0     21.6     74.7     4.9     31.9     85.8     5.5     41.1     93.0     5.6       85.0     85.0       89.0     90.0       90.0     27.7     78.1     5.4       95.0     18.0     65.9     5.3       96.0     15.3     62.5     5.3       97.5     35.0     77.4     2.5	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			
83.0     16.1     67.6     4.2       85.0     23.8     76.1     5.3     35.0     86.5     5.5       89.0     90.0     27.7     78.1     5.4       95.0     18.0     65.9     5.3       96.0     15.3     62.5     5.3       97.5     35.0     77.4     2.5	79.0	16.4	68.4	3.9												
85.0     89.0       90.0     16.3       95.0       96.0       97.5         23.8     76.1       5.3     35.0       4.7       27.7     78.1       5.4       18.0     65.9       15.3     62.5       5.3       35.0     77.4       25.6	80.0				21.6	74.7		31.9	85.8	5.5	41.1	93.0	5.6			
89.0     90.0       95.0     16.3       96.0     18.0       65.9     5.3       15.3     62.5       5.3     35.0       77.4     2.5					16.1	67.6	4.2									
90.0     27.7     78.1     5.4       95.0     18.0     65.9     5.3       96.0     15.3     62.5     5.3       97.5     35.0     77.4     2.5											35.0	86.5	5.5			
95.0 96.0 97.5 15.3 62.5 5.3 35.0 77.4 2.5								16.3	66.6	4.7						
96.0 97.5 15.3 62.5 5.3 35.0 77.4 2.5																
97.5																
											15.3	62.5	5.3	05.0	77.4	0.5
	97.5 100.0										I			35.0 32.4	77.4 74.4	2.5
																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 orincipa			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]
				44.0		eza de p	il, Punto Ilumín (19 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.5 22.0 24.0 26.0 28.0	78.0 77.6 76.2 74.7 73.2	125.7 125.6 125.1 124.5 123.9	7.8 7.8 7.6 7.3 7.1												
30.0 32.0 32.1 34.0 36.0	71.7 70.2 68.6 67.1	123.3 122.6 121.8 121.0	6.9 6.7 6.6 6.4	73.0 71.6 70.1	123.5 122.9 122.2	6.9 6.9 6.7									
38.0 40.0 42.0 44.0 46.0	65.5 63.9 62.3 60.7 59.0	120.1 119.1 118.1 117.0 115.8	6.2 6.1 6.0 5.8 5.7	68.5 67.0 65.4 63.8 62.2	121.4 120.5 119.6 118.7 117.6	6.5 6.4 6.2 6.1 6.0									
48.0 48.6 50.0 55.0 60.0	57.3 55.6 51.1 46.3	114.5 113.1 109.4 104.9	5.6 5.5 5.3 5.1	60.6 58.9 54.6 50.1	116.5 115.3 112.0 108.0	5.9 5.7 5.5 5.2	65.0 63.9 59.8 55.6	118.1 117.4 114.7 111.4	6.1 6.1 5.8 5.5						
65.0 67.9 70.0 75.0 80.0	41.1 35.2 28.4 19.4	99.5 93.0 84.8 73.2	4.9 4.7 4.4 4.0	45.2 39.8 33.8 26.6	97.8 91.0 82.2	5.0 4.9 4.7 4.5	51.1 46.3 41.1 35.2	107.6 103.2 97.8 91.3	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			
82.0 85.0 86.0 90.0 92.0	16.1	68.8	3.5	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 99.0 100.0 100.5										23.8 15.0	74.5 62.9	4.8 4.7	35.0 35.0	79.1 79.1	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 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 (19 n] Posici	916-1) 8	3.5 m Pli	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	63.4	121.5	5.4	66.4	122.9	5.7									
44.0	61.8	120.4	5.3	64.8	122.0	5.5									
46.0	60.2	119.3	5.2	63.3	121.0	5.4									
48.0	58.6	118.1	5.1	61.7	119.9	5.3	25.0	400.0	- 1						
49.9	F7.0	440.0	5.0	00.4	440.0	5.2	65.0	120.8 120.7	5.4						
50.0 55.0	57.0 52.8	116.8 113.2	5.0 4.7	60.1 56.1	118.8 115.6	5.2 4.9	64.9 61.0	120.7	5.4 5.2						
60.0	48.3	109.0	4.7	51.8	111.9	4.9	57.0	115.1	5.2						
65.0	43.4	109.0	4.3	47.2	107.6	4.7	52.7	111.5	4.8						
69.6	45.4	104.0	4.0	41.2	107.0	4.5	32.1	111.5	4.0	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	107.3	4.4	50.3	106.5	4.7			
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	10.0		0.0	15.4	68.4	3.3	02.0								
90.0						0.0	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			



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			



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 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n l Posicio	916-1) 8	9.5 m Plı	eza de p umín	lumín		-		
23.4 24.0 26.0 28.0	78.0 77.6 76.3 74.9	134.5 134.3 133.9 133.3	5.6 5.6 5.5 5.3			40.0 [11	T T COICE		(1010)						
30.0 32.0 34.0 34.8	73.6 72.2 70.9	132.7 132.1 131.4	5.1 5.0 4.8	73.0	132.1	5.0									
36.0 38.0 40.0 42.0	69.5 68.1 66.7 65.3	130.7 129.9 129.0 128.1	4.7 4.6 4.4 4.3	72.2 70.8 69.4 68.0	131.7 131.0 130.3 129.5	5.0 4.8 4.7 4.6									
44.0 46.0 48.0 50.0	63.9 62.4 61.0 59.5	127.2 126.1 125.0 123.9	4.2 4.1 4.0 3.9	66.6 65.2 63.8 62.3	128.6 127.7 126.7 125.7	4.5 4.3 4.2 4.1									
52.4 55.0 60.0 65.0	55.7 51.6 47.4	120.6 116.9 112.5	3.7 3.5 3.4	58.6 54.8 50.7	122.8 119.5 115.6	3.9 3.7 3.5	65.0 63.1 59.5 55.6	126.2 125.0 122.2 118.9	4.2 4.2 3.9 3.7						
70.0 73.1 75.0 80.0 85.0	42.8 37.8 32.1 25.4	107.5 101.5 94.2 84.9	3.2 3.0 2.8 2.7	46.4 41.7 36.6 30.7	111.1 105.8 99.6 91.9	3.3 3.2 3.0 2.9	51.6 47.4 42.8 37.8	115.2 110.8 105.7 99.7	3.6 3.4 3.3 3.1	55.0 53.5 49.3 44.9	115.5 114.1 110.1 105.3	3.5 3.5 3.4 3.2			
90.0 91.0 94.0 95.0	16.1 15.2	71.4 70.0	2.5 2.1	23.6	82.0 70.5	2.8	32.1	99.7	3.0	40.1	99.8	3.1			
100.0 101.0 105.0 108.0							16.1 15.2	69.6 68.2	2.8	28.6 20.8 15.8	73.8 66.4	3.0 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			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]
				44.0 i		eza de p	al, Punto olumín (1 n ] Posici	916-1) 9	5.5 m Pl		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				•			•			<u> </u>		
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				l								
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		100.5	0.7			
76.5							40.0		0.4	55.0	120.5	2.7			
80.0							46.6	114.3	2.4	52.4	117.9	2.6			
85.0		I	1			ı		I	ı	48.5	113.6	2.4	I	l	1



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

		gulo de 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	ıl, Punto lumín (2 ı ] Posici	316-1) 3	8.5 m Pli	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		04.0	00.7	73.0	86.3	45.1									
22.0 24.0	63.4 60.0	84.2 83.1	28.7 25.7	70.1 66.9	85.7 84.8	43.2 39.5									
26.0	56.5	81.8	23.7	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	40.0	70.7	10.7	00.1	01.0	20.2	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												
42.0				30.1	68.5	17.8	46.1	75.6	22.2						
44.0				23.2	64.3	16.7	41.8	73.5	21.1						
45.1										55.0	76.5	17.8			
46.0				15.4	59.3	12.9	37.0	71.0	20.1	53.5	75.9	18.8			
48.0							31.6	67.9	19.3	49.7	74.3	17.9			
50.0 52.0							25.1	64.1 58.6	18.5 17.7	45.6	72.4	17.1			
52.0 55.0							16.4	0.00	17.7	33.7	66.2	15.7			
60.0										15.0	54.7	14.0			
67.7										13.0	54.7	17.0	35.0	57.1	7.5
70.0													30.0	54.3	7.1
73.0													18.9	47.4	6.4



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

Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	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	lumín (2	316-1) 4	1.5 m Pl	eza de p umín	lumín				
78.0 77.2 74.3	90.5 90.4 89.9	49.3 49.3 43.3												
71.4 68.5	89.2 88.5	37.3 32.7												
65.5 62.4	87.6 86.6	28.3 25.1	73.0 71.6 68.7	89.2 88.9 88.1	42.4 42.1 38.8									
59.2 55.9	85.4 84.1	22.8 20.9	65.7 62.6	87.2 86.2	35.0 31.2									
48.8	80.9	18.0	56.1	83.8	25.8	65.0	85.6	26.7						
40.9	76.8	15.8	49.1	80.6	22.0	60.2	84.0	25.4						
31.3 25.4	71.2 67.3	14.1 13.4	41.2 36.7	76.6 74.0	18.8 17.6	53.6 50.0	81.3 79.7	22.8 21.8						
17.5	62.0	12.6	25.8	71.0 67.2	16.6 15.6	46.3	77.9 75.8	19.7	55.0	78.9	16.7			
			18.2	62.1	14.5	37.9 33.1 15.8	73.3 70.4 59.0	18.8 18.1 16.3	53.2 49.6 39.6	78.1 76.5 71.3	17.6 16.8 15.1			
									16.2	56.3	13.9	35.0 22.3	58.9 50.7	6.6 5.6 5.4
	78.0 77.2 74.3 71.4 68.5 65.5 62.4 59.2 55.9 52.4 48.8 45.0 40.9 36.4 31.3	78.0 90.5 77.2 90.4 74.3 89.9 71.4 89.2 68.5 88.5 65.5 87.6 62.4 86.6 59.2 85.4 55.9 84.1 52.4 82.6 48.8 80.9 45.0 79.0 40.9 76.8 36.4 74.2 31.3 71.2 25.4 67.3	78.0 90.5 49.3 77.2 90.4 49.3 77.4 89.2 37.3 68.5 88.5 32.7 65.5 87.6 28.3 62.4 86.6 25.1 59.2 85.4 22.8 55.9 84.1 20.9 52.4 82.6 19.3 48.8 80.9 18.0 45.0 79.0 16.8 40.9 76.8 15.8 36.4 74.2 14.8 31.3 71.2 14.1 25.4 67.3 13.4	Anguode plumin   Carga   Car	Anguode plumin (°)   Altura de roldanas (m)	Anguode plumin [°]	Angu-ode plumin [°]	Angu- o de plumín [°]	Aingu-ode plumín [°]	African	Anguo ode plumin [°]   Altura ode plumin [°]   Altura nas [m]   Altura n	Angu- ode plumin [°]	Angu ode plumin   Carga ode pl	Angu- ode plumín criota   Carga ode plumín



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 ו		eza de p	al, Punto dumín (2 n ] Posici	316-1) 4	4.5 m Pl		lumín				
14.1 16.0	78.0 75.4	93.5 93.0	46.1 42.9												
18.0 20.0	72.7 70.0	92.4 91.7	37.1 32.1												
21.9 22.0	67.2	90.9	28.2	73.0 72.9	92.0 92.0	40.2 40.2									
24.0	64.4	89.9	24.8	72.9	92.0	38.4				i					
26.0	61.5	88.9	22.3	67.4	90.5	35.6				İ					
28.0	58.5	87.7	20.5	64.6	89.6	31.5									
30.0	55.4	86.4	19.0	61.7	88.6	28.6									
32.0	52.2	84.9	17.7	58.7	87.4	26.0									
34.0	48.8	83.2	16.7	55.6	86.1	23.8									
34.2	45.0	04.0	45.0	<b>50.</b> 4	04.0	20.0	65.0	88.3	25.8						
36.0 38.0	45.2 41.4	81.2 79.1	15.6 14.6	52.4 49.0	84.6 82.9	22.0 20.4	62.4 59.5	87.4 86.3	25.2 23.7						
40.0	37.3	76.6	13.8	45.5	81.0	19.0	56.4	85.0	22.5						
42.0	32.7	73.6	13.1	41.7	78.8	17.6	53.2	83.6	21.4						
44.0	27.5	70.1	12.5	37.6	76.4	16.5	49.9	81.9	20.5	i					
46.0	21.0	65.5	11.8	33.1	73.5	15.5	46.4	80.1	19.5	i					
47.0	16.9	62.5	11.5												
48.0				27.9	70.0	14.6	42.7	78.0	18.6						
48.5										55.0	81.4	15.8			
50.0				21.5	65.5	13.7	38.7	75.6	17.8	52.8	80.4	16.6			
51.0				17.6	62.5	13.3									
55.0							26.5	67.6	16.2	44.1	75.8	14.9			
58.0							15.2	59.4	15.2	00.7		40.5			
60.0 65.0										33.7 18.7	69.5 59.0	13.5 12.0			
66.0										15.7	59.0 56.7	12.0			
72.6										13.1	30.7	11.2	35.0	60.6	5.9
75.0													30.5	57.6	5.5
79.0													17.5	48.4	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 principa			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	lumín (2	316-1) 4	7.5 m Plı	eza de p umín	lumín				
						25.0 [ m	n] Posici	ón midfa	II (2316)						
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 68.7	94.9 94.1	31.2 27.7												
22.0 22.8	00.7	94.1	21.1	73.0	94.9	37.4									
24.0	66.1	93.3	24.5	71.5	94.9	37.4									
26.0	63.4	92.3	21.9	68.9	93.8	34.6									
28.0	60.7	91.2	20.1	66.3	92.9	31.7									
30.0	57.9	90.0	18.6	63.6	92.0	28.4									
32.0	54.9	88.6	17.2	60.9	90.9	26.0									
34.0	51.9	87.1	16.1	58.1	89.7	23.7									
35.4							65.0	91.1	23.7						
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						
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						
46.0	29.2	72.7	11.4	38.3	78.7	15.2	49.8	84.2	19.0						
48.0 50.0	23.6 16.3	68.6 62.9	10.8 10.3	34.2 29.5	75.9 72.6	14.3 13.5	46.5 43.1	82.3 80.3	18.1 17.3						
50.0	10.3	62.9	10.3	29.5	72.0	13.5	43.1	00.3	17.3	55.0	83.9	14.7			
54.0				17.0	63.0	11.9				33.0	63.9	14.7			
55.0				17.0	03.0	11.5	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	11.7			
69.0										15.1	57.1	10.2			
75.1													35.0	62.3	5.0
80.0													24.0	54.3	4.2
82.0													16.9	48.8	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			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 ו	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 48.7	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	45.6 42.3 38.7 34.9	85.7 83.6 81.2 78.5	13.2 12.4 11.7 11.1	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	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 71.0				16.4	63.4	10.9	27.4 15.7	71.0 61.4	14.0 12.4	43.0 33.7 21.1 16.3	79.3 72.8 62.9 58.9	12.8 11.4 10.0 9.7			
77.5 80.0 85.0										10.3	90.9	9.1	35.0 30.9 16.4	64.0 61.0 49.2	4.3 4.0 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 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		eza de p	ıl, Punto lumín (2: ı l Posici	316-1) 5	3.5 m Pli	eza de p umín	lumín				
45.0	700	400.0	05.0			31.0[11	i j Posici	Jii iiilula	11 (2310)						
15.9 16.0	78.0 77.9	102.3 102.2	35.8 35.8												
18.0	75.7	102.2	34.4												
20.0	73.5	101.8	30.5												
22.0	71.2	100.5	26.3												
24.0	68.9	99.8	23.5												
24.6	00.5	33.0	20.0	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	95.8	16.6	64.4	97.7	25.9									
34.0	56.8	94.5	15.4	62.0	96.6	23.7									
36.0	54.2	93.1	14.4	59.5	95.5	21.9									
38.0	51.5	91.6	13.6	57.0	94.2	20.0	65.0	96.5	21.6						
40.0	48.7	89.9	12.8	54.4	92.8	18.5	62.6	95.5	21.2						
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						
48.0	35.8	80.9	10.1	42.9	85.6	14.0	52.4	90.3	17.3						
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	11.0			
67.0							15.3	61.8	11.3						
70.0										27.8	69.7	9.6			
74.0										18.2	61.4	8.6			
80.0													35.0	65.7	3.5
85.0													25.3	57.9	2.8
88.0													15.9	49.6	2.4



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 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) 5	6.5 m Pl		lumín				
16.5 18.0 20.0 22.0 24.0 25.5 26.0 28.0 30.0 32.0	78.0 76.5 74.4 72.3 70.1 67.9 65.7 63.5 61.2	105.2 104.9 104.3 103.7 103.0 102.2 101.3 100.4 99.3	32.9 32.8 29.7 26.2 23.0 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 40.0 42.0	58.8 56.4 53.9 51.3 48.7	98.1 96.8 95.4 93.8 92.1	15.3 14.3 13.3 12.6 11.9	63.6 61.3 59.0 56.6 54.1	100.0 99.0 97.8 96.5 95.1	23.8 22.1 20.3 18.6 17.2	65.0 64.2 61.9	99.2 98.9 97.8	20.1 20.5 19.9						
44.0 46.0 48.0 50.0	45.9 42.9 39.8 36.5 26.7	90.2 88.1 85.8 83.2 74.9	11.2 10.5 9.9 9.4 8.4	51.5 48.8 46.1 43.2 35.0	93.5 91.8 90.0 87.9 81.6	16.1 15.0 14.1 13.2 11.3	59.6 57.2 54.7 52.2 45.4	96.7 95.4 94.1 92.5 88.1	18.8 18.0 17.0 16.3						
55.4 59.0 60.0 63.0 65.0	16.2	65.3	6.7	24.6 15.5	72.7 64.2	9.8 8.9	37.6	82.3 74.4	13.3	55.0 49.2 42.0	91.2 87.7 82.7	12.3 12.1 11.0			
69.0 70.0 75.0 77.0 82.4 85.0 90.0							17.4	64.6	11.3	33.7 23.6 17.7	76.1 67.4 61.9	9.6 8.4 7.9	35.0 31.2 19.0	67.5 64.3 53.4	3.0 2.7 2.0



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

		gulo de orincipa			gulo de orincipa			gulo de 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]
				47.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 5	9.5 m Pl		lumín				
17.2 18.0 20.0 22.0	78.0 77.2 75.2 73.2	108.1 107.9 107.4 106.8	30.0 30.0 28.3 25.7			_									
24.0 26.0 26.3 28.0 30.0	71.2 69.1 67.0 64.9	106.2 105.4 104.6 103.7	22.5 20.3 18.5 17.1	73.0 71.3 69.3	106.4 105.8 105.1	27.2 27.0 26.3									
32.0 34.0 36.0 38.0 40.0	62.7 60.5 58.3 56.0 53.6	102.7 101.6 100.4 99.1 97.6	15.9 14.9 13.8 12.9 12.1	67.2 65.1 62.9 60.7 58.5	104.3 103.4 102.4 101.3 100.1	25.8 23.5 21.6 20.1 18.5									
40.5 42.0 44.0 46.0 48.0	51.2 48.6 46.0 43.2	96.1 94.3 92.5 90.4	11.4 10.8 10.2 9.6	56.2 53.8 51.3 48.8	98.8 97.3 95.8 94.1	17.0 15.7 14.7 13.8	65.0 63.5 61.3 59.0 56.7	101.9 101.2 100.2 99.0 97.7	18.9 19.2 18.2 17.4 16.6						
50.0 55.0 57.1 60.0 62.0	40.3 32.0 21.0 15.8	88.1 81.1 70.9 65.7	9.0 7.9 7.0 6.0	39.0 30.4	92.2 86.7 79.3	12.9 11.0 9.5	54.4 48.2 41.3	96.3 92.2 87.1	15.8 14.2 12.8	55.0 51.7	93.7 91.6	11.5 11.7			
65.0 66.0 70.0 72.0 75.0				18.5 15.1	68.0 64.6	7.9	22.7 16.9	70.8 65.0	11.7 10.7 10.3	45.2 37.5 29.6	87.1 81.0 74.2	9.2			
80.0 84.9 85.0 87.0										17.2	62.3	6.9	35.0 34.8 32.3	69.2 69.0 66.8	2.3 2.3 2.0



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ו		eza de p	ıl, Punto lumín (2 ı ] 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		407.0	40.0	73.0	109.3	25.5									
28.0	68.2 66.2	107.9 107.0	18.3	72.2 70.3	109.0 108.3	25.4 25.0									
30.0	64.2	107.0	16.8	68.3	108.3										
32.0 34.0	62.1	105.0	15.6 14.6	66.3	107.5	24.5 23.5									
36.0	60.0	103.0	13.6	64.3	105.7	23.5									
38.0	57.8	103.9	12.7	62.2	105.7	20.0									
40.0	55.6	102.7	11.9	60.1	104.7	18.7									
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						
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	10.3			
69.0				15.9	66.2	6.5									
70.0							28.7	77.8	10.5	41.0	85.9	8.9			
75.0							16.5	65.5	9.6	34.2	79.9	7.7			
80.0										24.7	70.9	6.7			
83.0	1									16.8	62.8	6.1			



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	5.5 m Pli	eza de p umín	lumín				
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 36.0	63.5 61.5	108.4 107.4	14.2 13.3	67.5 65.6	109.9 109.1	21.9 20.6									
38.0	59.5	107.4	12.4	63.6	109.1	19.4									
40.0	57.4	106.2	11.6	61.6	108.1	18.4									
42.0	55.3	104.9	10.9	59.6	107.0	17.2									
43.0	00.0	100.0	10.0	00.0	100.0	17.2	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	13.6	60.1	104.8	15.9						
50.0	46.2	96.9	8.6	51.1	100.2	12.7	58.1	103.6	15.2						
55.0	39.7	91.5	7.4	45.1	95.7	10.8	52.7	100.1	13.6						
60.0	32.2	84.5	6.5	38.5	90.0	9.2	47.0	95.8	12.3						
60.6										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	95.3	9.9			
68.0	15.0	66.5	4.7												
70.0				20.4	71.9	6.9	33.2	83.7	10.2	44.0	90.4	8.5			
72.0				15.5	66.6	5.8									
75.0							23.9	74.3	9.3	37.9	85.1	7.4			
78.0							16.1	65.9	8.8	20.0		0.0			
80.0										30.0	77.5	6.3			
85.0										19.3	66.4	5.4			
86.0										16.4	63.2	5.2			



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 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] 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	72.0	115.0	19.4												
28.0	70.2	114.3	17.7	70.0	445.0	04.0									
29.0 30.0	68.4	113.5	16.4	73.0 72.1	115.0 114.7	21.0 20.9									
30.0	66.6	113.5	15.1	72.1	114.7	20.9									
34.0	64.7	111.8	14.0	68.5	113.2	20.7									
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	9.7			
70.0	16.8	69.3	4.8	26.4	79.6	6.9	36.9	89.0	9.9	46.6	94.6	8.3			
75.0				15.1	67.0	5.3	29.2	81.2	9.1	41.1	89.9	7.2			
80.0							18.6	69.6	8.4	34.2	83.3	6.1			
81.0							15.7	66.3	8.1						
85.0										25.6	74.4	5.2			
89.0										16.0	63.6	4.5			



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 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 ı		eza de p	al, Punto lumín (2 n ] Posici	316-1) 7	1.5 m Pli		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 62.3	114.1 113.1	12.5 11.7	67.7 66.0	115.6 114.7	18.4 17.7									
38.0 40.0	62.3	113.1	11.7	64.2	114.7 113.8	17.7									
40.0	58.6	110.8	10.2	62.4	112.8	16.5									
44.0	56.7	109.5	9.6	60.6	111.7	15.9									
45.6	30.7	103.5	3.0	00.0	111.7	10.0	65.0	112.8	15.3						
46.0	54.7	108.1	9.0	58.7	110.5	14.7	64.7	112.6	15.3						
48.0	52.7	106.6	8.4	56.8	109.2	13.5	62.9	111.6	15.1						
50.0	50.7	105.0	8.0	54.9	107.8	12.4	61.1	110.6	14.4			İ	İ		
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										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			
70.0	23.6	78.2	4.5	31.0	86.0	6.5	40.1	93.8	9.4	48.8	98.7	7.9			
73.0	16.4	69.7	4.1												
75.0				21.8	75.7	5.6	33.3	87.0	8.7	43.8	94.3	6.8			
77.0				16.8	69.8	5.2									
80.0							24.9	77.9	7.9	37.6	88.4	5.8			
84.0							15.4	66.7	7.2						
85.0										30.3	80.9	4.8			
90.0										20.9	70.2	4.0			
92.0										15.7	64.0	3.7			



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

		gulo de 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	lumín (2	316-1) 7	4.5 m Pli	eza de p umín	lumín				
ļ						40.0 [ m	] Posici	on midta	II (2316)						
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		440.0		73.0	120.7	18.3									
32.0 34.0	68.6 66.9	119.2 118.4	14.4 13.2	72.0 70.3	120.3 119.6	18.2 17.9									
36.0	65.2	117.5	12.3	68.7	118.8	17.9									
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	10.7	63.6	116.1	16.0									
44.0	58.2	113.1	9.4	61.9	115.1	15.5							i		
46.0	56.4	111.8	8.8	60.1	114.0	14.8									
46.9							65.0	115.5	14.5						
48.0	54.5	110.4	8.2	58.3	112.8	13.6	64.1	115.0	14.5						
50.0	52.6	108.9	7.7	56.5	111.5	12.5	62.3	114.0	14.2				İ		
55.0	47.5	104.6	6.7	51.7	107.8	10.4	57.9	111.1	12.7						
60.0	42.0	99.5	5.7	46.6	103.4	8.8	53.2	107.6	11.3						
65.0	35.8	93.2	4.9	41.0	98.1	7.5	48.2	103.4	10.2						
65.7										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	102.8	7.7			
75.0	18.7	73.4	3.7	27.1	83.0	5.5	36.7	92.3	8.4	46.2	98.6	6.5			
76.0	16.1	70.2	3.6												
80.0				16.5	70.3	4.6	29.5	84.5	7.7	40.5	93.2	5.5			
85.0							19.6	72.7	6.7	34.1	86.6	4.6			
87.0							15.1	67.1	6.3	00.4		0.7			
90.0										26.4	77.8	3.7			
95.0										15.3	64.4	3.0			



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 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]
				47.0 ו	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 62.9	119.8	11.1	68.0	121.3 120.4	15.9									
40.0 42.0	61.3	118.8 117.7	10.4 9.8	66.3 64.7	120.4	15.5 15.0									
44.0	59.6	116.6	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	55.1	110.5	15.5	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						
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			
70.0	32.4	91.1	4.0	37.8	96.7	6.2	45.1	102.8	9.0	52.6	106.5	7.3			
75.0	24.5	81.7	3.5	31.2	89.3	5.3	39.6	97.2	8.1	48.3	102.7	6.2			
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	5.1			
83.0				16.2	70.7	4.0									
85.0							25.2	80.8	6.4	37.3	91.8	4.2			
90.0							15.7	68.7	5.5	30.6	84.2	3.4			
95.0										22.1	73.9	2.7			
98.0										15.0	64.8	2.2			



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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	0.5 m Pli	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	120.1	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	7.3			
70.0	35.6	96.5	3.8	40.5	101.5	6.1	47.2	107.0	8.8	54.3	110.3	7.1	i		
75.0	28.9	88.5	3.3	34.6	94.9	5.2	42.1	101.8	7.9	50.2	106.7	6.0	İ		
80.0	20.2	77.3	2.7	27.6	86.5	4.4	36.4	95.6	7.2	45.3	102.1	5.0			
82.0	15.5	71.0	2.5												
85.0				18.3	74.4	3.7	29.5	87.4	6.3	40.0	96.6	4.1			
86.0				15.8	71.1	3.5									
90.0							22.2	78.1	5.4	34.1	89.9	3.3			
93.0							15.4	69.1	4.9						
95.0										27.0	81.3	2.5			
99.0										19.7	71.8	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]
				47.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	3.5 m Pl	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	124.5	8.8	66.6	126.1	12.8									
44.0	61.9	123.5	8.3	65.1	125.2	12.5									
46.0	60.3	122.3	7.8	63.6	124.2	12.2									
48.0	58.7	121.1	7.2	62.0	123.1	12.0									
50.0	57.1	119.8	6.7	60.4	122.0	11.7									
50.7							65.0	123.7	11.9						
55.0	52.8	116.3	5.7	56.4	118.9	9.7	61.6	121.5	11.4						
60.0	48.4	112.1	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										55.0	113.3	6.5			
75.0	32.2	94.0	2.9	37.2	99.7	4.8	44.2	106.0	7.4	51.9	110.6	5.6			
80.0	24.8	84.6	2.4	31.0	92.2	4.0	38.9	100.3	6.7	47.3	106.3	4.6			
85.0				23.4	82.3	3.3	33.0	93.3	6.0	42.4	101.2	3.7			
89.0				16.4	72.7	2.7									
90.0							26.8	85.5	5.1	37.0	95.1	2.9			
95.0							17.6	73.0	4.2	30.8	87.6	2.2			
96.0							15.1	69.5	4.1	29.4	85.8	2.1			



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ı		eza de p	lumín (2	316-1) 8	6.5 m Pl	eza de p umín	lumín				
ļ						40.0 [ m	1 J Posici	ón midfa	II (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	132.6	12.7												
32.0	71.7	132.0	12.0												
34.0	70.3	131.3	11.4												
34.2				73.0	132.2	12.9									
36.0	68.8	130.5	10.9	71.8	131.6	12.8									
38.0	67.4	129.7	10.1	70.4	130.9	12.6									
40.0	65.9 64.5	128.8 127.9	9.3 8.7	68.9 67.5	130.2 129.3	12.4 12.2									
42.0 44.0	63.0	127.9	8.7	66.0	129.3	11.9									
46.0	61.5	125.8	7.6	64.6	127.5	11.9									
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	00.4	120.4	0.0	01.0	120.0	11.2	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	5.8			
75.0	35.2	99.5	2.7	39.8	104.6	4.7	46.2	110.3	7.2	53.4	114.4	5.4			
80.0	28.9	91.4	2.2	34.2	97.8	3.9	41.4	105.0	6.5	49.1	110.3	4.3			
85.0				27.7	89.3	3.2	36.0	98.6	5.7	44.6	105.6	3.5			
90.0				19.2	77.5	2.6	30.6	91.8	4.9	39.6	100.0	2.7			
92.0				16.1	73.1	2.2									
94.0										35.2	94.7	2.1			
95.0							23.1	81.7	4.0						
98.0							17.3	73.4	3.5						



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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]
				47.0 ו		eza de p	II, Punto Ilumín (2: I Posici	316-1) 8	9.5 m Pli	eza de p umín	lumín				
23.5	78.0	137.5	12.4												
24.0	77.6	137.4	12.4												
26.0	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				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									
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							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		4400	- 4			
74.3 75.0	37.9	104.6	2.4	40.4	400.0	4.5	40.0	114.4	7.0	55.0	118.3 118.1	5.1 5.0			
75.0 80.0	37.9	104.6	2.4	42.1 37.0	109.2 103.1	4.5 3.7	48.0 43.5	109.5	6.3	54.8 50.8	118.1	4.0			
80.0 85.0				37.0 31.2	95.5	3.7	43.5 38.6	109.5	5.4	50.8 46.5	109.8	3.1			
90.0				24.2	95.5 85.8	2.4	33.7	97.5	4.5	41.9	109.8	2.3			
90.0				24.2	0.00	2.4	33.1	97.5	4.5	39.9	104.6	2.3			
92.0 95.0							27.3	88.9	3.7	39.9	102.3	2.0			
100.0							19.1	77.0	2.9						
101.0							17.0	73.9	2.8						



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ו		eza de p	al, Punto dumín (2 n ] 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 42.0	67.6 66.2	135.4 134.5	8.9 8.2	70.4 69.0	136.6 135.8	10.5 10.2									
44.0	64.9	134.5	7.6	67.7	135.8	10.2									
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	60.7	130.4	6.2	63.6	132.2	9.3									
54.5	00		0.2	00.0	.02.2	0.0	65.0	131.9	9.3						
55.0	57.0	127.3	5.1	60.0	129.5	8.7	64.6	131.6	9.3						
60.0	53.2	123.8	4.2	56.4	126.3	7.4	61.1	129.0	9.1						
65.0	49.2	119.7	3.5	52.5	122.7	6.4	57.5	126.0	8.4						
70.0	44.9	114.9	2.8	48.5	118.5	5.5	53.7	122.5	7.5						
75.0	40.3	109.4	2.2	44.1	113.7	4.4	49.7	118.5	6.8						
76.1										55.0	120.7	4.5			
80.0				39.4	108.0	3.6	45.5	113.8	6.1	52.3	118.1	3.8			
85.0				34.2	101.2	2.9	40.9	108.4	5.2	48.3	113.9	2.9			
90.0				28.1	92.7	2.3	36.4	102.7	4.3	43.9	109.0	2.1			
95.0							30.8	95.1	3.5						
100.0							24.0	85.3	2.7						
104.0		1					16.7	74.3	2.2						1



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9	5.5 m Pli	eza de p umín	lumín				
24.7	78.0	143.3	10.5												
26.0	77.2	143.1	10.5												
28.0	76.0	142.6	10.3												
30.0	74.7	142.0	10.1												
32.0	73.5	141.4	9.9												
34.0	72.2	140.8	9.5												
36.0	70.9	140.1	9.2												
36.9		400.4	0.0	73.0	140.8	9.7									
38.0	69.6 68.3	139.4	9.0	72.3 71.0	140.4	9.7									
40.0	68.3	138.6 137.8	8.6 7.9	69.7	139.8	9.6 9.4									
42.0	65.7	137.8	7.9	68.4	139.0	9.4									
44.0 46.0	64.4	135.9	6.7	67.1	138.3 137.4	9.2									
48.0	63.0	134.9	6.2	65.8	137.4	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	30.2	130.9	4.0	01.1	133.0	0.2	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						
70.0	46.7	119.2	2.6	50.1	122.5	5.3	55.0	126.2	7.2						
75.0			2.0	46.0	117.9	4.3	51.2	122.4	6.5						
77.8				10.0			01.2		0.0	55.0	123.2	3.8			
80.0				41.6	112.6	3.4	47.2	118.0	5.8	53.7	121.9	3.4			
85.0				36.8	106.4	2.7	43.4	113.5	4.9	49.9	117.9	2.5			
88.0										47.4	115.2	2.0			
90.0							38.8	107.7	4.0						
95.0							33.7	100.8	3.2						
100.0							27.8	92.3	2.4						
103.0							23.6	85.9	2.0						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa		65° Án I	gulo de orincipa	pluma I		gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
		-	-	47.0	m Pluma	principa	ıl, Punto lumín (2	de carga	1 - Cab	eza de p	lumín				
					Oab	52.0 [ m	n] Posici	ón midfa	II (2316)	aiiiii					
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									
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				l					
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		405.0	0.0			
79.5				42 F	117.1	2.2	40.0	100.0	F 7	55.0	125.6 125.6	3.2 3.1			
80.0				43.5 39.1	117.1 111.3	3.3	48.8 45.2	122.0 117.8	5.7	55.0 51.3	125.6 121.8	3.1 2.2			
85.0				39.1	111.3	2.5	45.2	117.8	4.7			2.2			
86.0							40.0	112.4	2.0	50.6	121.0	2.1			
90.0 95.0							40.9 36.3	112.4 106.1	3.8						
100.0							36.3	98.4	2.9 2.2						
100.0							29.8	96.4 96.7	2.2						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				47.0 ı		eża de pl	al, Punto lumín (23 n ] Posici	316-1) ĬC	1.5 m P	eza de p lumín	lumín				
26.0	78.0	149.2	9.0												
28.0	76.8	148.7	9.0												
30.0	75.6	148.2	8.8												
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 50.0	64.8 63.5	141.6 140.6	5.7 5.3	67.3 66.1	143.1 142.2	7.7 7.5									
55.0	60.3	137.9	4.3	62.9	139.8	7.5									
58.3	60.3	137.9	4.3	62.9	139.6	7.1	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	33.3	151.5	2.1	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				10.0		0.2	00.0	120.0	0.0	55.0	128.1	2.5			
84.0										53.4	126.4	2.0			
85.0				41.1	116.0	2.4	46.9	122.0	4.4						
90.0							42.9	116.9	3.4						
95.0							38.5	111.0	2.6						
99.0							34.7	105.6	2.0						



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

		gulo de principa			gulo de orincipa		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		eża de pl	ıl, Punto umín (23 ı 1 Posici	316-1) 10	4.5 m P	eza de p Iumín	lumín				
26.6	78.0	152.2	8.4			40.0[11	I 1 03101		11 (2010)						
28.0	78.0	152.2	8.4												
30.0	76.1	151.8	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		1 10.0		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									
59.5							65.0	142.7	6.6						
60.0	58.0	138.4	3.3	60.7	140.5	6.3	64.7	142.5	6.6						
65.0	54.7	135.0	2.5	57.4	137.4	5.3	61.6	139.9	6.5						
70.0				54.1	134.0	4.5	58.4	137.0	6.3						
75.0				50.6	130.1	3.9	55.1	133.7	5.7						
80.0				46.9	125.6	3.1	51.7	129.9	5.1						
82.9										55.0	130.5	2.0			
83.0										55.0	130.5	2.0			
85.0				43.0	120.5	2.3	48.4	126.1	4.2						
86.0				42.2	119.4	2.1									
90.0							44.6	121.3	3.3						
95.0							40.6	115.8	2.5						
98.0							37.9	112.1	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]
				47.0		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	7.5 m P	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												
40.4				73.0	152.3	6.8									
42.0	69.7	150.7	6.4	72.1	151.8	6.8									
44.0	68.6	149.9	6.2	71.0	151.1	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						
85.0							49.8	130.0	3.9						
90.0							46.2	125.5	3.0						
95.0							42.4	120.3	2.2						
96.0							41.6	119.2	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 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		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.8	78.0	158.0	6.8				Ī								
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												
41.3				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	68.1	152.4	5.3	70.4	153.6	5.9									
48.0	67.0	151.5	4.9	69.3	152.8	5.8							<u> </u>		
50.0	65.8	150.6	4.4	68.2	152.0	5.6									
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							65.0	148.2	5.1						
65.0				59.4	144.5	4.5	63.3	146.7	5.1						
70.0				56.3	141.3	3.8	60.3	144.0	4.9						
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							51.1	134.0	3.6						
90.0							47.7	129.6	2.7						
94.0							44.8	125.8	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 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		eza de p	al, Punto dumín (19 n ] Posici	916-1) 3:	2.5 m Pl		lumín				
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												
18.4				73.0	80.6	35.3									
20.0	62.0 57.9	78.5	30.4 27.8	70.1	80.0 79.2	34.2 31.9									
22.0	57.9	77.3 75.9		66.2 62.3	79.2 78.2	29.9									
24.0 26.0	49.0	75.9	25.6 23.8	58.2	77.0	28.3									
28.0	49.0	74.2	23.6	53.9	77.0 75.6	26.9									
29.1	44.1	12.3	22.0	55.9	/5.0	26.9	65.0	77.5	30.6	ł					
30.0	38.6	69.9	20.4	49.3	73.9	25.7	63.3	77.0	30.5	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	10.0	00.1		25.4	63.1	20.0	45.7	71.1	25.6	i			i		
40.0				16.8	58.5	14.6	40.5	68.9	24.3	i			i		
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	11.1
65.0													29.3	50.9	10.6
67.0													20.7	46.5	10.1



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										
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			II, Punto Iumín (19			eza de p	lumín				
					Cab		n ] Posici			ullilli					
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				73.0	83.4	30.7									
20.0	64.6	81.9	27.3	71.8	83.2	30.7									
22.0 24.0	60.9 57.1	80.8 79.6	25.8 24.0	68.4 64.8	82.4 81.5	28.7 27.0									
26.0	53.1	78.1	22.5	61.2	80.5	25.7									
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									
30.4			10.0	00.1		20.0	65.0	80.2	26.7						
32.0	39.5	72.2	18.6	49.2	76.2	22.3	62.1	79.4	26.3						
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							25.0	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			
48.0							29.8 22.2	61.1	19.1	49.8 45.4	72.0 70.1	19.6			
49.0							17.1	58.2	17.4	40.4	70.1	10.0			
50.0							17.1	30.2	17.4	40.6	67.9	18.0			
55.0				Ī						25.3	59.9	16.4			
57.0										15.7	54.3	15.8			
65.2													35.0	55.4	10.2
70.0													19.7	47.0	9.0



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 r	n Pluma Cab	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				73.0	86.3	27.5									
22.0	63.4	84.2	23.8	70.1	85.7	26.5									
24.0	60.0	83.1	22.5	66.9	84.8	25.0									
26.0	56.5	81.8	21.3	63.6	83.9	23.7									
28.0	52.8	80.4	20.3	60.2	82.8	22.7									
30.0 31.6	48.9	78.7	19.4	56.7	81.5	21.7	65.0	82.9	22.8				ł		
31.6	44.7	76.8	18.2	53.0	80.1	20.8	64.5	82.9 82.8	24.0				ł		
34.0	44.7	76.6 74.5	17.2	49.2	78.4	19.9	61.1	6∠.6 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	17.5	50.2	77.5	20.8				i		
41.0	18.2	61.6	14.2	55.7	7 1.7	17.1	30.2	11.5	20.0				i		
42.0		00		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						
45.1										55.0	76.5	18.8	i		
46.0				15.4	59.3	12.5	37.0	71.0	17.9	53.5	75.9	19.4	ĺ		
48.0							31.6	67.9	17.2	49.7	74.3	18.5			
50.0							25.1	64.1	16.4	45.6	72.4	17.7			
52.0							16.4	58.6	15.5						
55.0										33.7	66.2	16.1			
60.0										15.0	54.7	14.8			
67.7													35.0	57.1	9.5
70.0													30.0	54.3	9.0
73.0													18.9	47.4	8.3



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				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												
20.0 21.1 22.0 24.0 26.0 28.0 30.0 32.0 32.9	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	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	85.6	20.3						
34.0 36.0 38.0 40.0 42.0 44.0 46.0	45.0 40.9 36.4 31.3 25.4 17.5	79.0 76.8 74.2 71.2 67.3 62.0	16.1 15.3 14.6 13.9 13.2 12.5	52.7 49.1 45.3 41.2 36.7 31.7 25.8	82.3 80.6 78.7 76.6 74.0 71.0 67.2	18.3 17.5 16.6 15.8 15.1 14.4 13.7	63.4 60.2 57.0 53.6 50.0 46.3 42.3	85.1 84.0 82.7 81.3 79.7 77.9 75.8	21.4 20.6 19.8 18.9 18.3 17.4 16.5						
46.8 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	55.0 53.2 49.6 39.6 26.7 16.2	78.9 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	8.6 7.6 7.4



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

		gulo de 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	78.0 75.4 72.7 70.0 67.2 64.4 61.5 58.5 55.4 52.2 48.8	93.5 93.0 92.4 91.7 90.9 89.9 88.9 87.7 86.4 84.9 83.2	26.2 25.1 23.5 22.1 20.7 19.4 18.4 17.4 16.6 15.9	73.0 72.9 70.2 67.4 64.6 61.7 58.7 55.6	92.0 92.0 91.3 90.5 89.6 88.6 87.4 86.1	22.4 22.4 21.5 20.5 19.4 18.7 17.8 16.9	65.0	88.3	19.5						
36.0 38.0 40.0 42.0 44.0 46.0 47.0	45.2 41.4 37.3 32.7 27.5 21.0 16.9	81.2 79.1 76.6 73.6 70.1 65.5 62.5	14.4 13.7 13.1 12.6 12.0 11.3 11.0	52.4 49.0 45.5 41.7 37.6 33.1	84.6 82.9 81.0 78.8 76.4 73.5	16.3 15.5 14.8 14.1 13.5 12.9	62.4 59.5 56.4 53.2 49.9 46.4	87.4 86.3 85.0 83.6 81.9 80.1	19.2 18.3 17.6 16.8 16.2 15.4						
48.0 48.5 50.0 51.0 55.0 58.0 60.0 65.0 66.0				27.9 21.5 17.6	70.0 65.5 62.5	12.3 11.6 11.3	42.7 38.7 26.5 15.2	78.0 75.6 67.6 59.4	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			
72.6 75.0 79.0										15./	50.7	10.1	35.0 30.5 17.5	60.6 57.6 48.4	7.9 7.5 6.7



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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]
				47.0 ı						eza de p	lumín				
					Cab		lumín (19 1 ] Posici			umm					
14.7	78.0	96.4	23.2												
16.0	76.4	96.1	22.8												
18.0	73.9	95.5	21.6												
20.0	71.3	94.9	20.3												
22.0	68.7	94.1	19.4												
22.8				73.0	94.9	19.9									
24.0	66.1	93.3	18.4	71.5	94.5	19.8									
26.0	63.4	92.3	17.6	68.9	93.8	19.0									
28.0	60.7 57.9	91.2 90.0	17.0	66.3 63.6	92.9 92.0	18.4									
30.0	54.9		16.3 15.7	60.9	92.0	17.8 17.3									
32.0 34.0	54.9	88.6 87.1	15.7	58.1	90.9 89.7	16.7									
35.4	51.9	07.1	15.2	36.1	69.7	10.7	65.0	91.1	17.3						
36.0	48.7	85.4	14.6	55.2	88.3	16.2	64.3	90.8	17.3						
38.0	45.4	83.5	13.8	52.1	86.8	15.7	61.6	89.8	17.5						
40.0	41.9	81.3	13.1	49.0	85.1	15.2	58.8	88.6	17.1						
42.0	38.1	78.9	12.4	45.7	83.2	14.6	55.9	87.3	16.6						
44.0	33.9	76.1	11.9	42.1	81.1	14.0	52.9	85.8	16.1						
46.0	29.2	72.7	11.3	38.3	78.7	13.5	49.8	84.2	15.7						
48.0	23.6	68.6	10.8	34.2	75.9	13.0	46.5	82.3	15.1						
50.0	16.3	62.9	10.2	29.5	72.6	12.3	43.1	80.3	14.5						
50.3										55.0	83.9	15.2			
54.0				17.0	63.0	10.8									
55.0							33.1	73.7	13.2	47.8	80.1	14.8			
60.0							19.0	63.2	11.5	38.9	74.6	13.4			
61.0							16.3	61.0	10.4						
65.0										27.7	66.8	12.3			
69.0										15.1	57.1	10.4			
75.1													35.0	62.3	7.1
80.0													24.0	54.3	6.3
82.0													16.9	48.8	5.9



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	88° Ángulo de pluma principal			83° Án	gulo de orincipa	pluma I		gulo de principa			gulo de orincipa	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 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [ m ] Posición midfall (1916)															
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	21.2 21.2 20.2 19.3 18.5	73.0	97.8	18.4									
24.0 26.0 28.0 30.0	67.6 65.1 62.6 60.0	96.5 95.6 94.6 93.5	17.8 17.3 16.8 16.3	72.6 70.2 67.8 65.3	97.7 97.0 96.2 95.3	18.4 18.1 17.7 17.3									
32.0 34.0 36.0 36.7	57.3 54.6 51.7	92.3 90.9 89.3	15.8 15.4 15.0	62.8 60.2 57.5	94.3 93.2 91.9	16.9 16.6 16.2	65.0	93.8	16.6						
38.0 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	14.4 13.6 12.8 12.2 11.6	54.8 51.9 48.9 45.8 42.5	90.6 89.0 87.4 85.5 83.4	15.9 15.7 15.2 14.7 14.2	63.4 60.8 58.2 55.5 52.6	93.2 92.1 90.9 89.5 88.1	17.1 16.8 16.5 16.2 15.9						
48.0 50.0 52.0 53.0 55.0	30.6 25.7 15.8	75.3 71.5 63.3	11.1 10.6 9.8	39.0 35.2 23.3	81.0 78.3	13.8 13.4	49.7 46.6 38.1	86.4 84.6 79.0	15.7 15.2	55.0 50.8	86.3 84.1	14.9			
57.0 60.0 64.0 65.0				16.4	63.4	10.6	27.4 15.7	71.0 61.4	12.5 10.9	43.0 33.7 21.1	79.3 72.8 62.9	13.6 12.5 11.6			
70.0 71.0 77.5 80.0 85.0										21.1 17.5	62.9 59.9	11.6 11.5	35.0 30.9 16.4	64.0 61.0 49.2	6.7 6.3 5.4



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	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) 53.5 m Plumín 22.0 [ m ] Posición midfall (1916)															
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 56.8	95.8	14.8	64.4	97.7 96.6	15.5				ł			ł		
34.0 36.0	56.8	94.5 93.1	14.4 14.1	62.0 59.5	96.6 95.5	15.3 15.0				ł			ł		
38.0	54.2 51.5	91.6	13.8	59.5 57.0	95.5	14.7	65.0	96.5	15.5	ł			ł		
40.0	48.7	89.9	13.4	54.4	92.8	14.7	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	i			i		
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				I		
70.0										28.4	70.2	11.3			
74.0										17.0	60.4	10.6			
80.0													35.0	65.7	5.9
85.0													25.3	57.9	5.2
88.0													15.9	49.6	4.7



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		gulo de orincipa			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		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) 56.5 m Plumín 25.0 [ m ] Posición midfall (1916)														
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 63.0	36.5 26.7 16.2	83.2 74.9 65.3	9.1 7.5	43.2 35.0 24.6 15.5	87.9 81.6 72.7 64.2	12.1 11.5 9.9 8.9	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			
65.0 69.0 70.0 75.0 77.0				10.0	04.2	0.8	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										10.0	00.0	0.0	35.0 31.2 19.0 15.4	67.5 64.3 53.4 50.0	5.4 5.0 4.3 4.2



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		Ángulo de pluma 83° Ángulo de pluma 75° Ángulo de plu principal principal					65° Án	gulo de orincipa	pluma I	45° Ángulo de pluma principal					
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
47.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [ m ] Posición midfall (1916)															
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	9.4 8.1	48.0 41.0 32.8	92.1 86.8 80.0	11.1 10.7 10.2	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													35.0 34.8 26.3 15.0	69.2 69.0 61.3 50.4	4.7 4.7 4.0 3.5