

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

Valor de vuelco: 3 - Blocked Crawlers
Lastre trasero [ t ]: 124.0
Lastre central [ t ]: 52.6

	ķ	principal	pluma I		gulo de orincipa			gulo de orincipal			gulo de orincipa			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]
				29.0 r		eza de p	il, Punto Ilumín (19 n] Posici	916-1) 32	2.5 m Pl	eza de p umín	lumín				
10.9	78.0	63.7	45.5												
11.0	77.9	63.7	45.5												
12.0	76.1	63.5	44.0												
13.0	74.2	63.2	42.1												
14.0	72.4	62.9	40.0												
16.0	68.6	62.1	36.8												
16.2				73.0	62.7	39.2									
18.0	64.7	61.2	33.7	69.7	62.1	37.0									
20.0	60.7	60.1	31.4	65.9	61.2	34.1									
22.0	56.6	58.9	28.9	61.9	60.2	31.8									
24.0	52.2	57.4	27.0	57.8	59.0	29.6									
24.4							65.0	60.1	30.1						
26.0	47.5	55.6	25.2	53.5	57.6	27.8	62.0	59.3	31.7						
28.0	42.4	53.6	23.5	48.9	55.9	26.3	57.9	58.1	30.2						
30.0	36.8	51.1	22.0	43.9	53.9	24.7	53.6	56.7	28.5						
32.0	30.2	47.9	20.3	38.5	51.6	23.4	49.0	55.0	27.2						
34.0	21.9	43.7	18.4	32.2	48.6	21.8	44.0	53.1	25.5	55.0	55.3	26.7			
35.0	16.2	40.6	17.4	04.0	44.0	40.0	00.0		04.4	50.0	50.0	00.0			
36.0				24.6	44.8	19.8	38.6	50.7	24.1	50.9	53.8	28.0			
38.0				15.5	40.0	15.1	32.4	47.8	22.6	46.1	52.0	26.7			
40.0							24.8	44.0	20.9	40.9	49.8	25.0			
42.0							15.8	39.2	15.1	35.0	47.1	23.7			
44.0 46.0										28.1 18.9	43.8 38.9	22.3 20.8			
50.0										10.9	30.9	20.0	35.0	41.0	18.7
55.0													16.4	31.4	15.1

Source:a9841388



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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]
				29.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín				
11.6 12.0 13.0 14.0 16.0	78.0 77.3 75.6 73.9 70.5	66.7 66.6 66.3 66.0 65.3	39.8 39.8 37.9 36.5 33.4												
17.1 18.0 20.0 22.0 24.0	67.0 63.4 59.7 55.9	64.5 63.6 62.4 61.1	30.7 28.5 26.6 24.8	73.0 71.5 68.0 64.5 60.8	65.6 65.3 64.5 63.6 62.5	34.1 33.6 31.2 28.8 27.1									
25.7 26.0 28.0 30.0 32.0	51.8 47.6 42.9 37.9	59.6 57.9 55.8 53.4	23.4 22.1 20.7 19.5	57.0 53.0 48.8 44.3	61.3 59.8 58.1 56.2	25.4 24.1 22.8 21.5	65.0 64.6 60.9 57.1 53.1	62.8 62.7 61.6 60.4 58.9	26.7 28.6 27.3 26.1 24.8						
34.0 35.8 36.0 38.0 40.0	32.1 25.2 15.4	50.5 46.7 41.0	18.3 16.9 15.4	39.4 33.9 27.3 18.8	53.9 51.1 47.6 42.7	20.4 19.3 17.9 16.5	48.9 44.4 39.5 34.0	57.3 55.3 53.0 50.3	23.6 22.2 21.0 19.9	55.0 54.8 50.7 46.3	57.7 57.6 56.1 54.2	23.5 25.3 24.3 23.2			
42.0 44.0 45.0 46.0 48.0							27.5 19.0 15.1	46.8 41.9 39.6	18.7 17.5 14.7	41.5 36.3 30.3 22.8	52.1 49.5 46.4 42.2	21.9 20.9 19.8 18.7			
49.0 52.5 55.0 58.0										18.0	39.4	18.1	35.0 27.8 15.6	42.7 38.8 31.8	17.4 17.6 15.1



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		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				29.0 ו	m Pluma Cab	eza de p	al, Punto dumín (1 n ] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
12.2 13.0 14.0 16.0 18.0	78.0 76.7 75.2 72.1 68.9	69.6 69.4 69.1 68.5 67.8	35.6 35.1 33.5 30.8 28.7	73.0	68.4	30.4									
20.0 22.0 24.0 26.0	65.7 62.3 58.9 55.3	66.9 65.9 64.7 63.4	26.4 24.7 23.2 21.8	69.8 66.6 63.3 59.9	66.4 67.7 66.9 65.9 64.8	28.7 26.7 25.0 23.6									
27.0 28.0 30.0 32.0 34.0	51.6 47.6 43.4 38.8 33.6	61.9 60.1 58.1 55.7 52.9	20.8 19.6 18.5 17.5 16.7	56.4 52.7 48.8 44.6	63.5 62.1 60.4 58.4 56.2	22.4 21.4 20.3 19.1 18.1	65.0 63.4 60.0 56.4 52.7 48.9	65.5 65.0 63.9 62.6 61.2 59.5	25.6 25.3 24.2 23.0 22.0 21.0						
36.0 37.5 38.0 40.0 41.0 42.0	27.6 20.0 16.7	49.4 44.7 42.6	15.6 14.6 12.2	35.2 29.5 22.5	53.5 50.2 46.0	17.3 16.3	44.7 40.2 35.3	57.6 55.3 52.7	19.8 18.7	55.0 54.3 50.5	60.2 59.9 58.3	20.9 22.5 21.6			
43.0 44.0 46.0 47.0 48.0				18.0	43.1	14.9	29.6 22.6 18.2	49.4 45.2 42.4	17.0 16.1 15.6	42.1 37.4 32.0	54.4 51.9 48.9	19.5 18.6			
50.0 52.0 55.0 60.0										25.7 17.2	45.1 39.8	16.9 16.0	35.0 18.6	44.4 34.5	16.4 15.8



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				29.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 n ] Posici	916-1) 4	1.5 m Pl		lumín		_		
12.8	78.0	72.5	31.4												
13.0	77.7	72.5	31.4												
14.0	76.3	72.2	30.5							•					
16.0	73.4	71.7	28.2												
18.0	70.5	71.0	26.0												
18.9				73.0	71.3	26.7									
20.0	67.5	70.2	24.1	71.4	70.9	26.2									
22.0	64.5	69.3	22.4	68.4	70.2	24.4									
24.0	61.4	68.2	21.1	65.4	69.3	22.7									
26.0	58.2	67.0	19.9	62.3	68.3	21.5									
28.0	54.8	65.7	18.8	59.1	67.1	20.3				ł					
28.2							65.0	68.2	21.2						
30.0	51.3 47.6	64.1	17.9 16.9	55.8	65.8	19.3	62.4	67.4	21.9						
32.0	47.6	62.4		52.3 48.7	64.3	18.5	59.2 55.9	66.2	20.9						
34.0 36.0	39.5	60.4 58.0	16.0 15.2	44.9	62.6 60.7	17.5 16.5	55.9	64.9 63.4	19.8 18.9	<b>-</b>					
	39.5			44.9 40.8	58.5		52.4 48.8	61.7							
38.0 39.2	34.9	55.3	14.5	40.8	58.5	15.7	48.8	61.7	18.1	55.0	62.6	18.2			
40.0	29.6	52.1	13.7	36.3	55.9	15.0	45.0	59.8	17.1	53.8	62.1	19.5			
42.0	23.2	47.9	12.9	31.2	52.8	14.2	40.9	57.6	16.2	50.3	60.5	18.6			
44.0	16.0	43.0	10.4	25.2	48.9	13.5	36.4	55.0	15.4	46.6	58.7	17.8			
46.0	10.0	45.0	10.4	17.3	43.6	12.7	31.3	52.0	14.7	42.6	56.6	16.9			
48.0				170	40.0	12.7	25.3	48.1	14.0	38.2	54.2	16.0			
50.0				Ī			17.5	42.8	13.2	33.4	51.4	15.4			
55.0										16.6	40.3	13.5			
57.4													35.0	46.1	14.3
60.0				l									28.7	42.2	14.7
63.0													17.9	35.0	13.8



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				29.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 4	4.5 m Pl		lumín				
13.4	78.0	75.5	28.5												
14.0	77.2	75.3	28.5												
16.0	74.6	74.8	26.4												
18.0	71.9	74.2	24.3												
19.7				73.0	74.2	24.2									
20.0	69.1	73.4	22.8	72.7	74.1	24.2									
22.0	66.3	72.6 71.6	21.0	69.9	73.4 72.6	22.7 21.3									
24.0 26.0	63.5 60.5	70.5	19.6 18.5	67.1 64.3	72.6 71.6	20.0				ł					
28.0	57.5	69.3	17.5	61.4	70.6	19.1				i					
29.5	37.3	09.5	17.5	01.4	70.0	19.1	65.0	71.0	19.0						
30.0	54.4	67.9	16.6	58.4	69.4	18.0	64.4	70.7	20.3						
32.0	51.1	66.4	15.9	55.3	68.0	17.1	61.5	69.7	19.4	i					
34.0	47.7	64.6	15.0	52.1	66.5	16.3	58.5	68.5	18.6	İ		İ	İ		
36.0	44.1	62.6	14.2	48.7	64.8	15.5	55.4	67.2	17.6						
38.0	40.2	60.3	13.5	45.1	62.9	14.7	52.1	65.7	16.8						
40.0	35.9	57.7	12.9	41.3	60.7	14.0	48.8	64.0	16.0						
40.9										55.0	65.1	16.1			
42.0	31.2	54.6	12.3	37.2	58.2	13.3	45.2	62.1	15.1	53.5	64.4	17.3			
44.0	25.6	50.8	11.6	32.6	55.3	12.7	41.4	59.9	14.4	50.2	62.8	16.5			
46.0 47.0	18.5 15.5	45.7 43.4	11.0 8.9	27.3	51.7	12.0	37.3	57.4	13.7	46.7	60.9	15.8			
47.0 48.0	15.5	43.4	8.9	20.8	47.1	11.4	32.7	54.4	13.1	43.0	58.9	15.0			
49.0				16.7	44.0	11.4	32.1	34.4	13.1	43.0	36.9	15.0			
50.0				10.7	77.0	11.0	27.4	50.9	12.5	39.0	56.5	14.2			
53.0							16.9	43.3	11.5						
55.0										26.9	48.6	12.7			
58.0										16.0	40.7	11.7			
59.9													35.0	47.8	12.7
60.0													34.7	47.7	12.7
65.0													21.3	38.4	12.5
66.0													17.2	35.4	12.3



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		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]
				29.0 r		eza de p	ıl, Punto lumín (19 n ] Posici	916-1) 4	7.5 m Pli	eza de p umín	lumín				
14.0	78.0	78.4	25.3												
16.0	75.6	77.9	24.1												
18.0	73.1	77.3	22.5												
20.0	70.5	76.7	21.2												
20.6				73.0	77.0	21.6									
22.0	67.9	75.9	20.0	71.3	76.6	21.2									
24.0	65.3	75.0	19.0	68.7	75.8	20.0									
26.0	62.6	74.0	18.2	66.0	75.0	19.1									
28.0	59.8	72.8	17.4	63.4	74.0	18.4									
30.0	57.0	71.6	16.7	60.6	72.9	17.8									
30.8	540	70.0	40.4			47.4	65.0	73.7	18.8						
32.0 34.0	54.0 50.9	70.2 68.6	16.1 15.6	57.8 54.9	71.7 70.3	17.1 16.6	63.4 60.7	73.1 72.0	18.6 18.0						
34.0 36.0	47.7	66.8	14.9	54.9 51.8	70.3 68.8	16.0	57.8	72.0	17.4						
38.0	44.3	64.9	14.5	48.7	67.1	15.4	54.9	69.4	16.8						
40.0	40.7	62.6	13.4	45.3	65.2	14.7	51.9	67.9	16.3						
42.0	36.8	60.1	12.8	41.8	63.0	14.1	48.7	66.2	15.8						
42.6	00.0	00	12.0		00.0			00.2	10.0	55.0	67.5	15.9			
44.0	32.5	57.1	12.1	38.0	60.6	13.5	45.4	64.3	15.0	53.1	66.6	16.5			
46.0	27.6	53.6	11.4	33.8	57.7	12.9	41.9	62.2	14.3	50.0	65.0	16.0			
48.0	21.6	49.0	10.6	29.1	54.4	12.1	38.1	59.7	13.7	46.8	63.2	15.6			
49.0	17.9	46.2	10.3												
50.0				23.5	50.2	11.3	33.9	56.9	13.1	43.3	61.1	14.8			
52.0				16.1	44.4	10.4									
55.0							20.3	46.8	11.4	33.5	54.7	13.2			
56.0							16.3	43.7	11.0		l				
60.0										19.6	44.4	11.7			
61.0										15.4	41.1	11.4	25.0	40.6	12.7
62.3 65.0													35.0 29.4	49.6 45.6	12.7 12.6
69.0													16.7	35.9	11.5



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		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				29.0	m Pluma	principa	al, Punto Iumín (1	de carga	1 - Cab	eza de p	lumín				
					Cab		n ] Posici								
14.7	78.0	81.3	23.1												
16.0	76.5	81.0	22.7												
18.0	74.1	80.5	21.5												
20.0	71.7	79.8	20.3												
21.5				73.0	79.9	20.1									
22.0	69.3	79.1	19.5	72.4	79.8	20.1									
24.0	66.8	78.3	18.7	70.0	79.0	19.3									
26.0	64.3	77.3	18.0	67.6	78.2	18.6									
28.0	61.8	76.3	17.5	65.1	77.3	18.1									
30.0	59.2	75.1	17.0	62.5	76.3	17.7									
32.0	56.5	73.8	16.6	59.9	75.2	17.3	05.0	70.4	40.0	l					
32.1	F0.7	70.4	40.0	F7.0	740	40.0	65.0 62.6	76.4 75.4	18.0						
34.0 36.0	53.7 50.8	72.4 70.8	16.2 15.8	57.2 54.5	74.0 72.6	16.9 16.6	60.0	74.3	17.8 17.3						
38.0	47.7	69.1	15.1	51.6	71.0	16.3	57.3	73.1	17.0						
40.0	44.6	67.1	14.3	48.6	69.3	15.7	54.5	71.7	16.7						
42.0	41.2	64.9	13.6	45.5	67.4	15.0	51.7	70.1	16.4						
44.0	37.6	62.4	13.0	42.2	65.3	14.5	48.7	68.4	15.9	i					
44.4				i						55.0	70.0	15.7			
46.0	33.6	59.6	12.4	38.6	62.9	14.0	45.6	66.5	15.2	52.9	68.9	16.2			
48.0	29.2	56.2	11.6	34.8	60.1	13.4	42.3	64.4	14.6	49.9	67.2	16.0			
50.0	24.0	52.1	10.8	30.5	56.9	12.5	38.7	62.0	14.0	46.9	65.4	15.8			
52.0	17.4	46.6	9.9	l						l					
55.0				15.6	44.8	10.2	28.3	54.3	12.4	38.4	59.9	13.9			
59.0							15.8	44.1	10.9						
60.0										28.6	52.6	12.6			
64.0										16.4	42.7	11.2			
64.8				I									35.0	51.3	12.7
65.0													35.0	51.3	13.0
70.0 72.0				-									23.1 16.1	42.1 36.3	11.7 11.2
72.0		l											16.1	<b>30.3</b>	11.2



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de 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]
				29.0 ו		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	3.5 m Pli	eza de p umín	lumín				
15.3	78.0	84.3	20.8												
16.0	77.2	84.1	20.8												
18.0	75.0	83.6	19.7												
20.0	72.8	83.0	18.7												
22.0	70.5	82.3	17.8												
22.4	00.0	04.5	47.0	73.0	82.8	18.1									
24.0	68.2	81.5	17.2	71.2	82.2 81.5	17.8 17.1									
26.0 28.0	65.9 63.5	80.7 79.7	16.6 16.2	68.9 66.6	80.6	16.7									
30.0	61.1	79.7 78.6	15.8	64.2	79.7	16.7									
32.0	58.6	77.4	15.4	61.8	78.7	16.0									
33.3	30.0	11.4	15.4	01.0	10.1	10.0	65.0	79.1	15.7						
34.0	56.0	76.1	15.1	59.3	77.5	15.6	64.2	78.8	16.3						
36.0	53.4	74.7	14.8	56.8	76.2	15.3	61.8	77.8	16.0						
38.0	50.6	73.1	14.5	54.1	74.8	15.0	59.4	76.6	15.7						
40.0	47.8	71.3	13.8	51.4	73.3	14.8	56.8	75.3	15.4						
42.0	44.8	69.4	13.2	48.6	71.6	14.3	54.2	73.9	15.1						
44.0	41.6	67.2	12.6	45.7	69.7	13.8	51.5	72.4	14.9						
46.0	38.2	64.7	12.1	42.5	67.5	13.3	48.7	70.7	14.5						
46.1										55.0	72.5	14.2			
48.0	34.6	62.0	11.6	39.2	65.2	12.9	45.7	68.8	13.9	52.6	71.1	14.7			
50.0	30.5	58.8	10.9	35.7	62.5	12.5	42.6	66.7	13.4	49.8	69.5	14.5			
55.0	16.8	47.0	9.0	24.8	53.7	10.5	33.8	60.2	12.2	42.3	64.6	13.4			
58.0				15.1	45.2	9.3	00.0	50.0	40.0	04.4	50.5	40.0			
60.0							22.2	50.6	10.6	34.1	58.5	12.2			
62.0							15.3	44.5	10.0	24.6	48.2	10.9			
65.0 67.0										21.6 15.9	48.2 43.1	10.9			
67.0 67.2										10.8	43.1	10.1	35.0	53.0	11.7
70.0													29.9	49.0	11.4
75.0													15.7	36.7	10.2



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]
				29.0 ו		eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 5	6.5 m Pli	eza de p umín	lumín				
15.9	78.0	87.2	19.0												
16.0	77.9	87.2	19.0												
18.0	75.8	86.7	18.3												
20.0	73.7	86.1	17.4												
22.0	71.6	85.5	16.5												
23.3				73.0	85.6	16.4									
24.0	69.4	84.8	15.9	72.2	85.4	16.4									
26.0	67.2	83.9	15.4	70.1	84.7	15.9									
28.0	65.0 62.7	83.0	15.0	67.9 65.7	83.9	15.5									
30.0 32.0	60.4	82.0 80.9	14.7 14.4	63.4	83.0 82.1	15.1 14.8									
34.0	58.1	79.7	14.4	61.1	81.0	14.6									
34.0 34.6	56.1	19.1	14.1	01.1	61.0	14.5	65.0	81.8	14.9						
36.0	55.6	78.4	13.8	58.7	79.8	14.2	63.5	81.2	14.9						
38.0	53.1	76.9	13.6	56.3	78.5	14.0	61.2	80.1	14.6						
40.0	50.5	75.3	13.4	53.8	77.1	13.8	58.8	78.9	14.3						
42.0	47.8	73.5	12.8	51.3	75.5	13.6	56.4	77.6	14.1						
44.0	45.0	71.6	12.3	48.6	73.8	13.1	53.9	76.2	13.8						
46.0	42.0	69.4	11.8	45.8	71.9	12.7	51.3	74.6	13.7			İ			
47.8										55.0	74.9	13.0			
48.0	38.8	67.1	11.3	42.9	69.8	12.3	48.6	72.9	13.3	54.9	74.9	13.6			
50.0	35.4	64.4	10.9	39.8	67.5	12.0	45.9	71.0	12.8	52.4	73.4	13.5			
55.0	25.2	55.6	9.3	30.9	60.3	10.7	38.2	65.4	11.8	45.6	68.9	12.9			
58.0	16.4	47.5	8.3												
60.0				18.4	49.1	8.9	28.9	57.7	10.6	37.9	63.2	11.8			
61.0				16.0	46.8	8.1									
65.0							16.2	46.1	8.8	28.5	55.4	10.7			
69.7													35.0	54.7	10.8
70.0										15.5	43.5	9.3	34.9	54.6	11.0
75.0													24.4	45.7	10.1
78.0													15.2	37.1	9.4



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

		gulo de 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]
				29.0 ו		eza de p	il, Punto llumín (19 n] Posici	916-1) 5	9.5 m Plı	eza de p umín	lumín				
16.6 18.0 20.0 22.0 24.0	78.0 76.6 74.6 72.6 70.5	90.1 89.8 89.3 88.7 88.0	16.5 16.1 15.2 14.5 13.9												
24.2 26.0 28.0 30.0 32.0	68.4 66.3 64.2 62.0	87.2 86.3 85.4 84.3	13.5 13.1 12.8 12.6	73.0 71.1 69.0 66.9 64.8	88.5 87.9 87.1 86.3 85.4	14.1 13.9 13.5 13.2 12.9									
34.0 35.9 36.0 38.0 40.0	59.8 57.5 55.1 52.7	83.2 81.9 80.6 79.1	12.3 12.0 11.8 11.6	62.6 60.4 58.1 55.8	84.4 83.2 82.0 80.7	12.6 12.4 12.1 11.9	65.0 64.8 62.7 60.5	84.6 84.5 83.5 82.4	12.9 12.9 12.7 12.4						
42.0 44.0 46.0 48.0 49.5	50.2 47.6 44.9 42.0	77.4 75.6 73.7 71.5	11.4 11.0 10.7 10.3	53.4 50.9 48.4 45.7	79.2 77.6 75.9 74.0	11.7 11.6 11.3 11.0	58.2 55.9 53.5 51.0	81.1 79.8 78.3 76.7	12.2 12.0 11.8 11.7	55.0	77.4	11.6			
50.0 55.0 60.0 61.0 64.0	39.0 30.4 18.3 17.1	69.1 61.7 50.2 49.0	10.0 9.0 7.6 6.8	42.9 35.1 25.2	71.9 65.5 56.6	10.8 10.3 8.8	48.4 41.5 33.4	75.0 69.9 63.1	11.4 10.8 10.2	54.4 48.2 41.2	77.0 72.9 67.7	11.6 11.3 10.7			
65.0 68.0 70.0 72.2 73.0							22.9 15.8	53.5 46.5	8.9 7.9	33.0 22.4 15.0	60.9 51.1 43.9	9.1 8.3	35.0	56.5	9.9
75.0 80.0 81.0													29.8 17.3 16.0	51.8 40.0 38.7	9.5 8.6 8.3



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]
				29.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 6	2.5 m Pl		lumín				
17.2	78.0	93.1	14.8												
18.0	77.3	92.9	14.8												
20.0	75.4	92.4	14.0												
22.0	73.4	91.8	13.4												
24.0	71.5	91.2	12.8												
25.0				73.0	91.4	12.9									
26.0	69.5	90.4	12.4	72.1	91.1	12.8									
28.0	67.5	89.6	12.0	70.1	90.4	12.5									
30.0	65.5	88.7	11.7	68.1	89.6	12.2									
32.0	63.5	87.7	11.5	66.1	88.7	11.9									
34.0	61.4	86.7	11.3	64.1	87.7	11.6									
36.0	59.2	85.5	11.1	62.0	86.7	11.4				l					
37.1	57.0	04.0	40.0	50.0	05.5	44.4	65.0	87.3 86.8	11.7						
38.0 40.0	57.0 54.8	84.2 82.8	10.8 10.6	59.8 57.7	85.5 84.3	11.1 10.9	64.1 62.0	85.8	11.7 11.4						
42.0	52.5	81.3	10.5	55.4	82.9	10.9	59.9	84.7	11.4						
44.0	50.1	79.7	10.5	53.4	81.5	10.7	59.9 57.7	83.4	11.2						
46.0	47.6	77.9	10.3	50.8	79.9	10.6	55.5	82.1	10.8	ł					
48.0	45.1	75.9	9.8	48.3	78.1	10.4	53.2	80.6	10.6				i		
50.0	42.4	73.8	9.5	45.8	76.2	10.0	50.8	79.0	10.5						
51.2		7 0.0	0.0	10.0		10.0	00.0	7 0.0	10.0	55.0	79.8	10.5			
55.0	34.9	67.3	9.0	38.9	70.6	9.6	44.5	74.3	10.1	50.6	76.9	10.3			
60.0	25.5	58.5	7.8	30.7	63.2	8.8	37.4	68.4	9.8	44.3	72.2	10.0	i		
64.0	16.7	49.4	6.3												
65.0				19.6	52.2	7.5	28.9	60.5	8.9	37.1	66.2	9.7			
67.0				15.2	47.6	6.6									
70.0							16.6	48.2	7.8	28.5	58.3	9.0			
71.0							15.4	46.9	7.2						
74.6													35.0	58.2	9.2
75.0										16.0	45.6	8.1	34.4	57.6	9.2
80.0													24.9	48.6	8.4
84.0													15.6	39.1	7.5



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]
				29.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı ] Posici	916-1) 6	5.5 m Pli	eza de p umín	lumín		-		
17.8 18.0 20.0 22.0 24.0	78.0 77.9 76.1 74.2 72.4	96.0 96.0 95.5 94.9 94.3	13.5 13.5 13.0 12.4 11.9			_									
25.9 26.0 28.0 30.0 32.0	70.5 68.6 66.7 64.8	93.6 92.9 92.0 91.1	11.5 11.2 10.9 10.6	73.0 72.9 71.1 69.2 67.3	94.3 94.2 93.6 92.8 92.0	11.8 11.8 11.6 11.3 11.0									
34.0 36.0 38.0 38.4	62.8 60.8 58.7	90.1 89.0 87.8	10.4 10.2 9.9	65.3 63.4 61.4	91.1 90.1 89.0	10.7 10.5 10.3	65.0	90.0	10.7						
40.0 42.0 44.0 46.0 48.0 50.0	56.6 54.5 52.3 50.0 47.7 45.2	86.5 85.1 83.5 81.9 80.1 78.2	9.7 9.5 9.3 9.1 8.9 8.7	59.3 57.3 55.1 52.9 50.7 48.3	87.8 86.6 85.2 83.7 82.1 80.4	9.8 9.6 9.5 9.3 9.1	63.4 61.4 59.4 57.3 55.2 53.0	89.2 88.1 87.0 85.7 84.3 82.8	10.6 10.3 10.2 10.0 9.7 9.6						
53.0 55.0 60.0 65.0 67.0	38.5 30.7 20.2 16.3	72.4 65.0 54.2 49.9	8.1 7.5 6.5 5.7	42.1 34.9 26.1	75.3 68.8 60.1	8.6 8.2 7.3	47.2 40.8 33.4	78.5 73.2 66.5	9.2 8.7 8.3	55.0 52.8 47.0 40.5	82.3 80.8 76.4 71.1	9.5 9.4 9.1 8.7			
69.0 70.0 73.0 75.0 77.1				16.1	49.4	6.5	24.1 16.2	57.1 48.6	7.5 7.1	33.1 23.7	64.3 54.7	8.4 7.7	35.0	59.9	8.1
78.0 80.0 85.0 87.0										15.6	46.0	7.3	30.1 19.4 15.3	55.2 44.0 39.5	8.0 7.4 6.7



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

		gulo de 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]
				29.0 i		eza de p	al, Punto dumín (19 n ] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín				
18.5	78.0	98.9	12.4												
20.0	76.7	98.6	12.2												
22.0	74.9	98.1	11.6												
24.0	73.2	97.5	11.2												
26.0	71.4	96.8	10.8												
26.8				73.0	97.1	10.9									
28.0	69.6	96.1	10.5	71.9	96.7	10.9									
30.0	67.8	95.3	10.2	70.1	96.0	10.6									
32.0	66.0	94.4	9.9	68.3	95.2	10.4									
34.0	64.1	93.4	9.7	66.5	94.4	10.1									
36.0	62.2	92.4	9.5	64.6	93.4	9.8									
38.0	60.3	91.3	9.3	62.8	92.4	9.6	05.0								
39.7 40.0	58.3	90.1	9.0	60.8	91.3	9.4	65.0 64.7	92.7 92.5	9.8 9.8						
40.0	56.3	88.7	8.8	58.9	90.1	9.4	62.8	92.5	9.6						
44.0	54.2	87.3	8.6	56.9	88.8	8.9	60.9	90.4	9.7						
46.0	52.1	85.8	8.4	54.8	87.5	8.7	58.9	89.2	9.3						
48.0	49.9	84.1	8.2	52.7	86.0	8.6	56.9	88.0	9.1						
50.0	47.7	82.3	8.0	50.6	84.3	8.4	54.9	86.6	8.9				i		
54.7		02.0	0.0	00.0	00	0	01.0	00.0	0.0	55.0	84.7	8.7			
55.0	41.6	77.2	7.5	44.8	79.7	7.9	49.5	82.6	8.5	54.7	84.5	8.7			
60.0	34.7	70.7	7.0	38.4	73.9	7.4	43.7	77.8	8.0	49.3	80.5	8.4			
65.0	26.3	62.0	6.3	30.9	66.5	6.9	37.1	71.7	7.5	43.4	75.6	8.0			
70.0	15.9	50.3	5.2	21.2	56.0	6.3	29.3	63.9	7.1	36.8	69.6	7.6			
72.0				15.7	49.8	6.0									
75.0							18.8	52.4	6.6	29.0	61.7	7.3			
76.0							15.9	49.1	6.5						
79.5													35.0	61.6	7.3
80.0										18.3	49.9	6.9	34.3	60.9	7.3
81.0										15.2	46.4	6.8			
85.0													25.8	52.0	7.2
89.0													16.1	41.3	6.7



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				29.0	m Pluma Cab	eza de p	al, Punto llumín (1 n ] Posici	916-1) 7	1.5 m Plı		lumín				
19.1 20.0 22.0 24.0 26.0	78.0 77.3 75.6 73.9 72.2	101.9 101.7 101.2 100.6 100.0	11.1 11.1 10.6 10.2 9.8												
27.7 28.0 30.0 32.0 34.0	70.5 68.8 67.0 65.3	99.3 98.5 97.7 96.8	9.6 9.3 9.1 8.9	73.0 72.7 71.0 69.3 67.5	100.0 99.9 99.2 98.5 97.6	9.8 9.8 9.6 9.4 9.2									
36.0 38.0 40.0 40.9	63.5 61.7 59.8	95.8 94.7 93.6 92.3	8.7 8.5 8.3	65.8 64.0 62.2	96.8 95.8 94.8	8.9 8.7 8.6	65.0	95.4 94.9	8.8 8.8						
42.0 44.0 46.0 48.0 50.0	57.9 56.0 54.0 52.0 49.9	91.0 89.6 88.0 86.4	7.9 7.8 7.6 7.5	60.3 58.5 56.5 54.6 52.5	93.6 92.4 91.1 89.7 88.2	8.2 8.0 7.9 7.7	64.0 62.2 60.4 58.5 56.6	93.9 92.7 91.5 90.2	8.6 8.4 8.3 8.1						
55.0 56.4 60.0 65.0 70.0 73.0	38.1 30.9 21.7 15.5	75.8 68.3 58.0 50.7	7.1 6.7 6.2 5.6 4.7	47.2 41.4 34.8 26.8	78.7 72.1 63.6	7.4 7.0 6.7 6.1	51.6 46.2 40.2 33.4	86.5 82.1 76.6 69.8	7.8 7.4 7.1 6.8	55.0 51.4 46.0 40.0	87.2 84.5 80.0 74.5	7.8 7.6 7.3 7.1			
75.0 75.0 79.0 80.0 82.0 84.0	19.5	50.7	4.7	15.4	50.2	5.5	25.0 15.5	60.6 49.5	6.4 6.0	33.1 24.7 16.8	67.6 58.3 49.1	6.9 6.5 5.7	35.0	63.3	6.6
85.0 90.0 92.0										10.0	73.1	-5.1	30.5 21.0 15.8	58.5 47.9 41.7	6.6 6.3 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 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]
				29.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 7	4.5 m Plı	eza de p umín	lumín				
19.7 20.0 22.0 24.0 26.0 28.0	78.0 77.8 76.2 74.6 73.0 71.3	104.8 104.8 104.3 103.7 103.1 102.5	10.1 10.1 9.7 9.3 9.0 8.8												
28.5 30.0 32.0 34.0 36.0	69.7 68.0 66.3	101.7 100.9 100.1 99.1	8.6 8.4 8.2 8.0	73.0 71.8 70.2 68.5 66.8	102.9 102.4 101.7 100.9 100.1	8.9 8.9 8.6 8.4 8.2									
38.0 40.0 42.0 42.2	62.9 61.1 59.4	98.1 97.0 95.9	7.8 7.7 7.5	65.1 63.4 61.7	99.1 98.1 97.1	8.0 7.9 7.7	65.0	98.2	8.0						
44.0 46.0 48.0 50.0 55.0	57.5 55.7 53.8 51.8 46.7	94.6 93.3 91.8 90.3 85.9	7.4 7.2 7.1 7.0 6.7	59.9 58.1 56.2 54.3 49.4	95.9 94.7 93.4 92.0 88.0	7.6 7.4 7.3 7.2 6.9	63.4 61.7 59.9 58.1 53.4	97.3 96.2 95.1 93.8 90.3	7.9 7.7 7.6 7.5 7.2						
58.1 60.0 65.0 70.0 75.0	41.0 34.7 27.0 16.3	80.5 74.0 65.4 52.4	6.4 6.2 5.5 4.9	44.0 38.1 31.2 22.4	83.1 77.3 69.9 59.7	6.7 6.5 6.0 5.4	48.4 42.9 36.8 29.7	86.2 81.2 75.1 67.3	6.9 6.8 6.6 6.2	55.0 53.2 48.2 42.7 36.6	89.7 88.3 84.1 79.1 72.9	7.0 7.0 6.8 6.6 6.5			
76.0 78.0 80.0 82.0 84.4	15.2	51.1	4.3	15.0	50.6	5.1	20.4 15.2	56.3 49.8	5.7 5.5	29.4	65.0	6.2	35.0	65.1	6.1
85.0 87.0 90.0 95.0										19.9 16.5	53.8 49.5	5.9 5.4	34.2 26.5 15.4	64.2 55.5 42.1	6.1 6.1 5.7



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

		gulo de 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]
				29.0		eza de p	al, Punto llumín (1 n ] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.3	78.0	107.8	9.1												
22.0	76.7	107.4	8.9												
24.0	75.2	106.8	8.5												
26.0	73.7	106.3	8.2												
28.0	72.1	105.6	8.0												
29.4				73.0	105.7	8.0									
30.0	70.5	104.9	7.8	72.5	105.5	8.0									
32.0	68.9	104.2	7.6	71.0	104.9	7.8									
34.0	67.3	103.4	7.4	69.4	104.1	7.6									
36.0	65.7	102.5	7.2	67.8	103.3	7.4									
38.0	64.0	101.5	7.0	66.2	102.4	7.2									
40.0	62.4	100.5	6.9	64.5	101.5	7.1									
42.0	60.7	99.4	6.8	62.9	100.5	6.9	05.0	100.9	7.1						
43.5 44.0	58.9	98.2	6.6	61.2	99.4	6.8	65.0 64.6	100.9	7.1						
46.0	57.2	96.9	6.5	59.4	98.2	6.6	62.9	99.6	7.1						
48.0	55.4	95.5	6.3	59.4 57.7	97.0	6.5	61.2	98.5	6.8						
50.0	53.5	94.1	6.2	55.9	95.7	6.4	59.5	97.3	6.7						
55.0	48.7	90.0	6.0	51.3	91.9	6.1	55.0	94.1	6.4				i		
59.9		00.0	0.0	00	0 1.0	0.1	00.0	"	0.1	55.0	92.1	6.2			
60.0	43.5	85.1	5.8	46.3	87.4	5.9	50.3	90.2	6.1	54.9	92.0	6.2			
65.0	37.8	79.1	5.5	40.8	82.0	5.7	45.3	85.5	5.9	50.2	88.1	6.0			
70.0	31.1	71.7	5.2	34.7	75.5	5.5	39.7	80.0	5.8	45.1	83.4	5.8	İ		
75.0	22.8	61.6	4.7	27.4	67.0	5.1	33.4	73.1	5.6	39.5	77.8	5.7			
78.0	16.0	52.8	4.4												
80.0				17.5	54.5	4.7	25.8	64.1	5.3	33.2	70.9	5.5			
81.0				16.5	53.3	4.2									
85.0							16.6	52.5	4.6	25.5	61.8	5.4			
86.9													35.0	66.8	5.3
90.0										16.1	49.9	4.8	30.7	61.9	5.2
95.0													22.2	51.6	5.2
98.0													15.1	42.4	5.1



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

		gulo de principa		83° Án I	gulo de orincipa	pluma		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]
				29.0	m Pluma Cab	eza de p	al, Punto Jumín (19 n I Posicio	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.0 22.0 24.0 26.0 28.0 30.0 30.3 32.0 34.0 36.0 38.0 40.0 44.0 44.7	78.0 77.2 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 61.9 60.2	110.7 110.5 110.0 109.4 108.8 108.1 107.4 106.6 105.8 104.8 103.9 102.8 101.7	8.2 7.8 7.6 7.3 7.1 6.9 6.7 6.5 6.4 6.2 6.1 6.0	73.0 71.7 70.2 68.7 67.1 65.5 64.0 62.3	108.6 108.0 107.3 106.6 105.7 104.8 103.9 102.8	7.2 7.2 7.0 6.8 6.6 6.4 6.3 6.2	65.0 64.0 62.4	103.6 103.0 101.9	6.3 6.3 6.2						
48.0 50.0 55.0 60.0 61.6	55.9 55.1 50.6 45.8	99.2 97.8 93.9 89.4	5.7 5.6 5.4 5.2	59.0 57.4 53.0 48.3	99.3 95.7 91.5	5.9 5.8 5.5 5.3	62.4 60.7 56.5 52.1	101.9 100.8 97.7 94.1	6.2 6.0 5.7 5.5	55.0	94.6	5.5			
65.0 70.0 75.0 80.0	40.5 34.6 27.5 18.2	83.9 77.3 68.8 56.6	5.0 4.9 4.5 4.0	43.3 37.7 31.3 23.5	86.6 80.6 73.2 63.3	5.1 4.9 4.7 4.4	47.4 42.3 36.6 30.0	89.7 84.6 78.4 70.6	5.3 5.1 5.0 4.8	55.0 51.9 47.2 42.1 36.4	92.0 87.6 82.5 76.2	5.5 5.4 5.2 5.0 4.9			
81.0 84.0 85.0 88.0 89.4 90.0	15.7	53.2	4.0	16.2	53.7	3.8	21.6 16.3	60.0 52.9	4.7 4.2	29.7	68.4 57.6	4.8	35.0 34.2	68.5 67.6	4.6
93.0 95.0 100.0 101.0										15.8	50.4	4.4	27.1 17.5 16.5	58.9 46.4 45.1	4.6 4.6 4.1



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]
				29.0	m Pluma Cab	eza de p	al, Punto Jumín (19 n ] Posici	916-1) 8	3.5 m Plı		lumín				
21.6 22.0 24.0 26.0 28.0	78.0 77.7 76.3 74.9 73.4	113.6 113.5 113.1 112.5 111.9	7.4 7.4 7.1 6.9 6.7												
30.0 31.2 32.0 34.0 36.0	72.0 70.5 69.0 67.6	111.3 110.6 109.8 109.0	6.5 6.3 6.1 6.0	73.0 72.4 70.9 69.5	111.5 111.2 110.5 109.8	6.5 6.5 6.4 6.2									
38.0 40.0 42.0 44.0 46.0	66.0 64.5 63.0 61.4 59.8	108.1 107.2 106.2 105.1 104.0	5.8 5.7 5.6 5.5 5.3	68.0 66.5 65.0 63.4 61.9	109.0 108.1 107.2 106.2 105.2	6.0 5.9 5.7 5.6 5.5	65.0	106.3	5.7						
48.0 50.0 55.0 60.0 63.3	58.2 56.6 52.3 47.8	102.7 101.4 97.8 93.5	5.2 5.1 4.9 4.6	60.3 58.7 54.5 50.1	104.0 102.8 99.5 95.5	5.4 5.2 5.0 4.8	63.5 61.9 57.9 53.7	105.3 104.3 101.3 97.8	5.6 5.5 5.2 5.0	55.0	97.0	4.9			
65.0 70.0 75.0 80.0 84.0	42.9 37.5 31.3 23.8 15.4	88.5 82.4 75.0 65.2 53.6	4.4 4.2 4.0 3.7 3.4	45.5 40.3 34.6 27.9	90.9 85.4 78.8 70.4	4.6 4.4 4.2 4.0	49.3 44.5 39.3 33.4	93.8 89.0 83.3 76.4	4.8 4.6 4.4 4.3	53.5 49.1 44.3 39.1	95.8 91.7 86.9 81.2	4.9 4.7 4.5 4.3			
85.0 87.0 90.0 91.0 91.8				19.1 15.9	58.6 54.1	3.7 3.2	26.4 16.9 16.0	67.5 54.7 53.4	4.1 4.0 3.5	33.2 26.1	74.2 65.2	4.2	35.0	70.2	4.0
95.0 96.0 100.0 104.0										16.5 15.5	52.1 50.8	4.1 3.6	30.9 23.2 16.2	65.2 55.2 45.6	4.0 4.0 3.5



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		83° Án I	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]
				29.0 ו	m Pluma Cab	eza de p	il, Punto llumín (19 n] Posici	916-1) 8	6.5 m Pli	eza de p umín	lumín				
22.2 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 47.3 48.0 50.0 65.0 70.0 75.0 80.0 85.0 87.0 90.0 94.0	78.0 76.8 75.4 74.0 72.6 71.2 69.8 68.4 66.9 65.5 64.0 62.5 61.0 59.4 57.9 49.6 45.0 40.0 34.5 28.0 19.6 15.1	116.6 116.1 115.6 115.1 114.5 113.8 113.1 112.3 111.4 110.5 109.6 108.5 107.4 106.3 105.0 101.6 97.5 92.8 87.3 80.6 54.0	6.7 6.6 6.3 6.2 6.0 5.8 5.7 5.5 5.4 5.2 5.1 5.0 4.9 4.8 4.7 4.5 4.3 4.0 3.8 3.6 3.4 3.1 3.0	73.0 71.6 70.2 68.8 67.4 65.9 64.4 62.9 61.4 59.9 55.9 51.8 47.4 42.7 37.4 31.5 24.3	114.3 113.7 113.0 112.2 111.4 110.5 109.6 108.6 107.5 106.3 103.1 99.4 95.1 90.0 83.9 76.5 66.9	5.9 5.9 5.7 5.5 5.4 5.3 5.1 5.0 4.8 4.6 4.4 4.1 3.9 3.7 3.6 3.4	65.0 64.5 63.0 59.1 55.2 51.0 46.5 41.7 36.4 30.3	109.0 108.7 107.7 104.8 101.6 97.7 93.3 88.0 81.7 74.0 63.7 53.8	5.1 5.1 5.1 4.8 4.5 4.4 4.2 4.0 3.8 3.6 3.5 2.9	55.0 50.8 46.3 41.5 36.2 30.0	99.5 95.6 91.2 85.9 79.5 71.7	4.4 4.3 4.1 3.9 3.8 3.7			
94.3 95.0 99.0 100.0 105.0 107.0							13.7	33.0	2.5	22.3 15.2	61.3 51.2	3.5 3.0	35.0 34.1 27.6 19.0 15.9	71.9 70.9 62.3 50.5 46.0	3.5 3.5 3.5 3.5 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]
				29.0		eza de p	al, Punto dumín (19 n ] Posici	916-1) 8	9.5 m Pl	eza de p umín	lumín				
22.8 24.0 26.0 28.0 30.0 32.0 32.9	78.0 77.2 75.9 74.6 73.2 71.9	119.5 119.2 118.7 118.2 117.6	5.9 5.9 5.6 5.5 5.3	73.0	117.2	5.2									
34.0 36.0 38.0 40.0	70.5 69.1 67.8 66.4	116.3 115.5 114.7 113.8	5.0 4.9 4.7 4.6	72.3 70.9 69.5 68.2	116.9 116.2 115.4 114.6	5.2 5.0 4.9 4.8									
42.0 44.0 46.0 48.0	64.9 63.5 62.1 60.6	112.9 111.9 110.9 109.7	4.5 4.3 4.3 4.2	66.8 65.3 63.9 62.5	113.8 112.9 111.9 110.9	4.6 4.5 4.4 4.3									
48.5 50.0 55.0 60.0 65.0	59.1 55.2 51.2 46.9	108.6 105.3 101.5 97.1	4.0 3.8 3.6 3.4	61.0 57.2 53.3 49.2	109.8 106.7 103.2 99.1	4.2 3.9 3.7 3.5	65.0 64.0 60.3 56.5 52.5	111.7 111.0 108.3 105.2 101.6	4.4 4.4 4.1 3.9 3.7						
66.7 70.0 75.0 80.0 85.0	42.3 37.2 31.5 24.5	91.9 85.8 78.3 68.7	3.2 3.0 2.9 2.7	44.7 39.9 34.6 28.3	94.4 88.8 82.1 73.8	3.3 3.2 3.0 2.8	48.3 43.8 38.9 33.4	97.4 92.5 86.7 79.7	3.5 3.4 3.2 3.1	55.0 52.4 48.2 43.7 38.7	101.9 99.5 95.3 90.3 84.5	3.7 3.6 3.5 3.3 3.2			
90.0 93.0 95.0 96.7 97.0	16.4	56.7	2.2	20.4 15.3	62.5 54.9	2.7 2.2	27.0 18.5 15.4	71.0 58.8 54.2	2.9 2.8 2.3	33.2 26.7	77.5 68.7	2.9	35.0	73.7	2.9
100.0 101.0 105.0 110.0										18.1 15.9	56.3 52.9	2.8 2.8	31.1 24.1 15.6	68.5 58.8 46.4	2.9 2.8 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 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]
				29.0 ו		eza de p	II, Punto Iumín (1: 1 Posici	916-1) 9:	2.5 m Pli	eza de p umín	lumín		_		
23.5	78.0	122.4	5.3			10.0[11	l   1 00101	Jii iiiidid	(1010)						
23.5	76.0	122.4	5.3												
26.0	76.4	122.3	5.3 5.1												
28.0	75.1	121.3	4.9												
30.0	73.8	120.7	4.7												
32.0	72.5	120.1	4.6												
33.8	72.0	120.1	7.0	73.0	120.1	4.6									
34.0	71.2	119.4	4.4	72.9	120.0	4.6							i		
36.0	69.9	118.7	4.3	71.6	119.4	4.5							İ		
38.0	68.5	117.9	4.2	70.2	118.6	4.3							İ		
40.0	67.2	117.1	4.0	68.9	117.9	4.2									
42.0	65.8	116.2	3.9	67.6	117.1	4.1									
44.0	64.4	115.3	3.8	66.2	116.2	4.0									
46.0	63.0	114.3	3.7	64.8	115.3	3.8									
48.0	61.6	113.2	3.6	63.4	114.3	3.7									
49.8							65.0	114.5	3.8						
50.0	60.2	112.1	3.5	62.0	113.2	3.7	64.9	114.4	3.8						
55.0	56.5	108.9	3.3	58.4	110.3	3.4	61.4	111.8	3.6						
60.0	52.7	105.3	3.1	54.7	106.9	3.2	57.7	108.8	3.4						
65.0	48.7	101.1	2.9	50.8	103.1	3.0	54.0	105.3	3.2						
68.5										55.0	104.4	3.1			
70.0	44.3	96.3	2.8	46.6	98.6	2.9	50.0	101.4	3.0	53.8	103.3	3.1			
75.0	39.6	90.7	2.6	42.1	93.4	2.7	45.8	96.8	2.9	49.8	99.3	2.9			
80.0	34.4	83.9	2.5	37.2	87.3	2.6	41.2	91.4	2.7	45.6	94.7	2.8			
85.0	28.4	75.6	2.3	31.6	79.8	2.4	36.2	85.0	2.6	41.0	89.3	2.7			
90.0							30.5	77.3	2.5	36.0	82.9	2.6			
95.0 99.2							23.5	67.3	2.3	30.2	75.1	2.5	35.0	75.4	2.4
100.0										23.2	64.9	2.4	35.0 34.1	75.4 74.2	2.4
105.0										23.2	04.5	2.4	28.0	65.7	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 principa			gulo de orincipa			gulo de principa			gulo de principa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				29.0	m Pluma Cab	eza de p	ıl, Punto lumín (19 1 ] Posici	916-1) 9	5.5 m Plı	eza de p umín	lumín		-		
24.1	78.0	125.4	4.9												
26.0	76.8	124.9	4.8												
28.0	75.6	124.4	4.6												
30.0	74.3	123.9	4.5												
32.0	73.1	123.3	4.3												
34.0	71.8	122.6	4.1												
34.7				73.0	122.9	4.2									
36.0	70.5	121.9	4.0	72.2	122.5	4.2									
38.0	69.2	121.2	3.9	70.9	121.8	4.1									
40.0	67.9	120.4	3.8	69.6	121.1	3.9									
42.0	66.6	119.5	3.7	68.3	120.3	3.8									
44.0	65.3	118.6	3.6	67.0	119.5	3.7									
46.0	64.0	117.6	3.5	65.7	118.6	3.6									
48.0	62.6	116.6	3.4	64.3	117.6	3.5									
50.0	61.2	115.5	3.3	63.0	116.6	3.4									
51.1							65.0	117.2	3.5						
55.0	57.7	112.5	3.0	59.5	113.8	3.2	62.3	115.2	3.4						
60.0	54.1	109.1	2.8	56.0	110.6	2.9	58.9	112.3	3.2						
65.0	50.2	105.1	2.6	52.2	106.9	2.7	55.3	109.0	2.9						
70.0	46.2	100.6	2.3	48.3	102.7	2.5	51.5	105.3	2.7						
70.2										55.0	106.9	2.8			
75.0							47.5	100.9	2.5	51.4	103.2	2.7			
80.0										47.4	98.8	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 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]
				32.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 3	8.5 m Pli	eza de p umín	lumín				
12.3 13.0 14.0 16.0	78.0 76.9 75.4 72.3	72.6 72.4 72.2 71.6	64.3 64.3 59.9 50.9												
18.0 18.4 20.0 22.0	69.1 65.8 62.5	70.8 70.0 69.0	36.8 31.7	73.0 70.4 67.2	71.4 70.8 70.0	53.7 51.5 46.4									
24.0 26.0 27.8	59.1 55.5	67.8 66.5	28.2 25.2	63.9 60.5	69.1 68.0	40.3 36.0	65.0	68.4	37.1						
28.0 30.0 32.0 34.0	51.8 47.8 43.6 39.0	65.0 63.2 61.2 58.9	22.9 21.2 19.6 18.3	57.0 53.4 49.5 45.4	66.8 65.3 63.7 61.8	32.0 28.8 26.4 24.1	64.7 61.3 57.8 54.2	68.3 67.3 66.1 64.7	37.1 35.1 33.2 31.0						
36.0 38.0 38.8	33.9 28.0	56.1 52.6	17.2 16.3	41.0 36.1	59.6 57.0	22.1 20.5	50.4 46.4	63.1 61.2	29.3 27.6	55.0	62.9	24.5			
40.0 41.0 42.0	20.5 15.4	48.0 44.8	15.3 14.8	30.6	53.9 49.9	19.2	37.3	59.1 56.6	26.1	52.9 49.0	62.0	25.2			
44.0 46.0 48.0 50.0				16.4	45.1	15.1	31.9 25.6 17.1	53.7 49.9 44.5	23.4 21.8 20.1	44.9 40.4 35.5 29.9	58.4 56.2 53.6 50.4	22.7 21.6 20.8 20.0			
53.0 57.1 60.0 63.0										18.6	43.4	18.7	35.0 27.0 15.7	46.5 41.9 34.8	14.0 14.3 12.6



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]
				32.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 4°	1.5 m Pl	eza de p umín	lumín				
12.9	78.0	75.5	58.2												
13.0	77.9	75.5	58.2												
14.0	76.4	75.3	57.3										<u> </u>		
16.0	73.6	74.7	50.7												
18.0	70.7	74.0	42.6												
19.2				73.0	74.3	49.3									
20.0	67.7	73.2	36.7	71.9	74.0	49.2									
22.0	64.7	72.3	31.3	68.9	73.3	44.9									
24.0	61.5	71.3	27.5	65.9	72.4	40.4									
26.0	58.3	70.1	24.8	62.9	71.4	36.0									
28.0	55.0	68.7	22.6	59.7	70.3	32.5									
29.0		07.0	00.0	50.4	00.0	00.4	65.0	71.1	30.1						
30.0	51.5 47.8	67.2 65.5	20.8 19.3	56.4 53.0	69.0 67.6	29.1 26.4	63.6 60.4	70.7 69.6	34.7 32.3						
32.0 34.0	44.0	63.5	18.0	49.4	65.9	24.2	57.2	68.3	30.5						
36.0	39.7	61.2	16.8	45.6	64.0	22.2	53.8	66.9	28.6						
38.0	35.1	58.5	15.8	41.6	61.9	20.5	50.2	65.3	27.2						
40.0	29.9	55.3	15.0	37.1	59.4	18.9	46.5	63.5	25.7						
40.5	20.0	00.0	10.0	07.1	00.4	10.0	40.0	00.0	20.7	55.0	65.3	23.0	i		
42.0	23.6	51.1	14.2	32.2	56.4	17.7	42.5	61.4	24.3	52.6	64.3	23.6			
44.0	16.6	46.4	12.6	26.4	52.7	16.6	38.2	59.0	23.2	49.0	62.6	22.2			
46.0				19.0	47.7	15.4	33.4	56.1	22.0	45.1	60.7	21.2			
47.0	İ			15.7	45.5	14.1							i		
48.0							27.8	52.6	20.5	41.0	58.5	20.3			
50.0							20.9	48.0	19.0	36.6	55.9	19.6			
51.0							16.4	45.0	18.3						
55.0										22.1	46.8	17.6			
56.0										17.9	43.9	17.2			
59.5													35.0	48.2	13.2
60.0													34.4	47.9	14.0
65.0													18.4	37.5	12.7
66.0													15.1	35.2	11.6



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			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]
				32.0		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 4	4.5 m Pli	eza de p umín	lumín				
13.5	78.0	78.5	53.1												
14.0	77.4	78.4	53.1												
16.0	74.7	77.8	48.8												
18.0	72.0	77.2	42.3												
20.0	69.3	76.5	36.6												
20.1				73.0	77.2	45.8									
22.0	66.5	75.6	31.3	70.4	76.5	43.9									
24.0	63.6	74.7	27.1	67.7	75.7	40.6									
26.0	60.7	73.6	24.3	64.8	74.8	36.2									
28.0	57.7	72.4	22.2	61.9	73.8	32.9									
30.0 30.3	54.5	71.0	20.5	59.0	72.6	29.7	65.0	73.9	32.7						
30.3	51.3	69.4	19.1	55.9	71.3	26.7	62.6	73.9 73.0	32.7						
34.0	47.9	67.7	17.9	52.7	69.8	24.4	59.6	71.9	29.9						
36.0	44.2	65.7	16.7	49.3	68.1	22.5	56.6	70.6	28.2						
38.0	40.4	63.5	15.6	45.8	66.3	20.7	53.4	69.2	26.6						
40.0	36.1	60.9	14.7	42.0	64.1	19.1	50.1	67.5	25.4						
42.0	31.4	57.8	14.0	38.0	61.7	17.7	46.6	65.7	24.1						
42.2	0	00		00.0	0		10.0	00		55.0	67.8	21.4			
44.0	25.9	54.0	13.2	33.5	58.8	16.6	42.9	63.7	22.8	52.3	66.5	22.1			
46.0	19.0	49.0	12.5	28.4	55.4	15.6	38.9	61.3	21.7	48.9	64.8	20.8			
47.0	16.0	46.8	11.4												
48.0				22.2	51.0	14.6	34.5	58.5	20.7	45.4	62.9	19.9			
50.0				15.2	45.9	12.8	29.6	55.3	19.4	41.6	60.8	19.1			
54.0							15.8	45.4	16.8						
55.0										30.4	53.7	17.4			
59.0										17.2	44.3	15.8			
62.0													35.0	50.0	12.3
65.0													28.0	45.3	12.6
68.0													17.8	38.0	11.7



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 4	7.5 m Pl	eza de p umín	lumín				
14.2	78.0	81.4	48.5												
16.0	75.7	81.0	46.8												
18.0	73.2	80.4	42.1												
20.0	70.6	79.7	35.6												
21.0				73.0	80.0	42.3									
22.0	68.1	78.9	31.1	71.7	79.7	42.2									
24.0	65.4	78.0	27.1	69.1	78.9	38.9									
26.0 28.0	62.7 60.0	77.0 75.9	24.0 21.9	66.5 63.9	78.1 77.2	35.9 32.5									
30.0	57.1	75.9 74.6	20.1	63.9	77.2 76.1	32.5									
31.6	57.1	74.0	20.1	01.1	70.1	30.1	65.0	76.6	30.8						
32.0	54.2	73.2	18.6	58.3	74.9	27.0	64.5	76.6	30.8						
34.0	51.1	71.7	17.4	55.4	73.5	24.4	61.7	75.3	29.4						
36.0	47.9	69.9	16.3	52.4	72.1	22.4	59.0	74.2	27.7	i			i		
38.0	44.5	68.0	15.3	49.3	70.4	20.7	56.1	72.9	26.2	l					
40.0	40.9	65.7	14.3	45.9	68.5	19.1	53.1	71.4	24.8						
42.0	37.0	63.2	13.5	42.4	66.4	17.7	50.0	69.8	23.7						
43.9										55.0	70.3	20.2			
44.0	32.7	60.3	12.8	38.7	64.0	16.4	46.7	68.0	22.4	55.0	70.3	21.1			
46.0	27.8	56.8	12.1	34.6	61.3	15.4	43.3	65.9	21.3	52.0	68.8	20.6			
48.0	22.0	52.3	11.5	30.0	58.0	14.5	39.6	63.6	20.2	48.9	67.1	19.5			
50.0	15.4	47.2	10.0	24.6	54.0	13.6	35.5	60.9	19.3	45.5	65.2	18.7	ļ		
52.0				17.7	48.7	12.6							ł		
55.0							22.9	51.7	16.4	36.2	59.3	16.9			
57.0							15.3	45.7	15.2	22.0	E0.4	15.2			
60.0 62.0										23.9 16.7	50.4 44.8	15.2 14.4			
62.0 64.5										10.7	44.0	14.4	35.0	51.7	11.4
65.0										ĺ			34.3	51.7	12.1
70.0													21.0	41.4	10.8
71.0													17.2	38.4	10.5



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]
				32.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 5	0.5 m Pl	eza de p umín	lumín				
14.8	78.0	84.3	44.9												
16.0	76.6	84.1	44.6												
18.0	74.2	83.5	41.0												
20.0	71.8	82.9	35.4												
21.9				73.0	82.9	39.6									
22.0	69.4	82.1	30.7	72.8	82.8	39.6									
24.0	67.0	81.3	27.0	70.4	82.2	38.2									
26.0	64.5	80.4	24.0	68.0	81.4	35.5									
28.0	61.9 59.3	79.4	21.7	65.5 63.0	80.5 79.5	32.5									
30.0 32.0	56.6	78.2 76.9	20.0 18.4	60.4	79.5 78.4	29.8 27.6									
32.0	56.6	76.9	18.4	60.4	78.4	27.6	65.0	79.3	28.6						
32.8 34.0	53.8	75.5	17.1	57.7	77.2	24.9	63.6	79.3 78.7	28.6						
36.0	50.9	73.9	16.1	55.0	77.2 75.8	22.6	61.0	77.7	27.2						
38.0	47.9	72.2	15.1	52.1	74.3	20.8	58.3	76.5	25.9						
40.0	44.7	70.2	14.1	49.2	72.6	19.3	55.6	75.1	24.4						
42.0	41.4	68.0	13.2	46.1	70.8	17.8	52.8	73.7	23.2						
44.0	37.8	65.6	12.5	42.8	68.7	16.5	49.9	72.0	22.2				i		
45.6	00	00.0	.2.0	.2.0	00	10.0	10.0			55.0	72.7	18.9	i		
46.0	33.8	62.7	11.8	39.3	66.3	15.4	46.8	70.2	21.1	54.7	72.5	19.8			
48.0	29.4	59.4	11.3	35.5	63.6	14.4	43.6	68.2	20.0	51.8	71.0	19.2			
50.0	24.3	55.3	10.7	31.3	60.5	13.6	40.1	65.9	19.0	48.8	69.3	18.3			
52.0	17.8	49.9	10.1												
55.0				17.1	49.1	11.5	30.1	58.6	16.7	40.7	64.2	16.5			
60.0							16.2	47.4	13.3	30.8	57.0	15.0			
65.0										16.1	45.2	13.2			
66.9													35.0	53.4	10.6
70.0													28.7	48.7	10.5
74.0													15.4	37.7	9.4



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]
				32.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	3.5 m Pl		lumín				
15.4	78.0	87.3	40.7												
16.0	77.3	87.1	40.7												
18.0	75.1	86.6	38.7							•			<u> </u>		
20.0	72.9	86.0	35.1												
22.0	70.6	85.3	29.9												
22.7				73.0	85.8	36.1									
24.0	68.3	84.6	26.4	71.6	85.3	35.9									
26.0	66.0	83.7	23.6	69.3	84.6	33.8									
28.0	63.6	82.7	21.3	67.0	83.8	31.9									
30.0	61.2	81.7	19.6	64.6	82.9	29.3									
32.0	58.7	80.5	18.1	62.2	81.8	27.3									
34.0	56.1	79.2	16.8	59.8	80.7	25.1	05.0		07.5	ł					
34.1 36.0	53.5	77.7	15.6	57.2	79.4	22.7	65.0 62.8	82.0 81.1	27.5 26.9						
38.0	50.8	76.2	14.7	57.2 54.6	79.4 78.1	20.7	60.3	80.0	25.3						
40.0	47.9	74.4	13.8	51.9	76.5	19.0	57.8	78.7	24.1						
42.0	44.9	72.5	12.9	49.1	74.9	17.6	55.2	77.4	22.7						
44.0	41.8	70.3	12.5	46.2	73.0	16.3	52.6	75.9	21.6						
46.0	38.4	67.9	11.4	43.1	70.9	15.2	49.8	74.3	20.7	i			i		
47.4	00.1	01.0		.0	7 0.0		10.0		20.7	55.0	75.2	17.8			
48.0	34.8	65.1	10.8	39.9	68.6	14.1	46.9	72.4	19.6	54.3	74.8	18.5			
50.0	30.8	61.9	10.3	36.3	66.0	13.2	43.8	70.4	18.6	51.6	73.3	18.0			
55.0	17.2	50.4	9.0	25.8	57.5	11.3	35.3	64.2	16.5	44.3	68.6	16.1			
58.0				16.6	49.5	10.2									
60.0							24.4	55.3	14.1	35.9	62.6	14.7			
63.0							15.8	47.8	12.1						
65.0										25.1	53.9	13.1			
68.0										15.7	45.6	12.1			
69.4													35.0	55.1	9.9
70.0													34.2	54.5	10.1
75.0													22.0	44.4	8.8
77.0													17.4	40.4	8.4



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]
				32.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 50	6.5 m Pl		lumín				
16.0	78.0	90.2	37.4												
18.0	75.9	89.7	36.7												
20.0	73.8	89.2	34.7												
22.0	71.7	88.5	29.7												
23.6				73.0	88.6	33.3									
24.0	69.5	87.8	25.9	72.6	88.5	33.2									
26.0	67.4	87.0	23.3	70.5	87.8	32.4									
28.0	65.1	86.1	21.1	68.3	87.0	31.1									
30.0	62.9	85.1	19.4	66.1	86.2	29.1									
32.0	60.5	84.0	18.0	63.8	85.2	27.0									
34.0	58.2	82.8	16.7	61.5	84.2	25.4									
35.4			45.5	50.0	00.0	00.4	65.0	84.7	25.9						
36.0	55.7 53.2	81.4 80.0	15.5 14.5	59.2 56.8	83.0 81.7	23.1 21.0	64.3 62.1	84.4 83.4	25.9 25.0						
38.0 40.0	50.6	78.4	13.6	54.3	80.3	19.2	59.7	82.3	23.6						
42.0	47.9	76.4	12.8	51.7	78.8	17.7	57.3	81.0	22.5						
44.0	45.1	74.7	12.0	49.1	76.6 77.1	16.4	54.9	79.7	21.3						
46.0	42.1	72.6	11.3	46.3	75.2	15.2	52.3	78.1	20.3						
48.0	39.0	70.2	10.7	43.4	73.2	14.2	49.7	76.5	19.5						
49.1	00.0							7 0.0	10.0	55.0	77.6	16.7			
50.0	35.6	67.5	10.1	40.3	70.9	13.2	47.0	74.7	18.4	54.0	77.0	17.4			
55.0	25.4	58.8	8.9	31.6	63.9	11.3	39.5	69.3	16.3	47.4	72.9	15.8			
58.0	16.8	50.8	8.2												
60.0				19.6	53.2	9.6	30.5	62.0	14.3	40.0	67.5	14.3			
61.0				16.2	50.0	9.3									
65.0							17.8	50.5	12.0	31.1	60.4	13.0			
66.0							15.3	48.2	11.1						
70.0										18.8	49.3	11.5			
71.0										15.2	46.0	11.2			
71.8													35.0	56.9	9.2
75.0													28.7	51.6	8.8
80.0													16.9	40.8	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 orincipa			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]
				32.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 5	9.5 m Pl		lumín				
16.6 18.0 20.0 22.0 24.0 24.5 26.0 28.0 30.0 32.0 34.0 36.0 36.6 38.0	78.0 76.7 74.7 72.7 70.6 68.6 66.5 64.3 62.2 60.0 57.7	93.1 92.8 92.3 91.7 91.0 90.2 89.4 88.5 87.4 86.3 85.1	34.4 34.2 32.6 29.7 25.7 23.0 20.9 19.1 17.7 16.4 15.2	73.0 71.5 69.4 67.3 65.2 63.1 60.9	91.5 91.0 90.3 89.5 88.6 87.6 86.5	30.8 30.6 29.6 28.6 26.6 24.9 23.6	65.0 63.6	87.5 86.8	24.1						
40.0 42.0 44.0 46.0 48.0 50.0 50.8 55.0 60.0 61.0 64.0	53.0 50.5 48.0 45.3 42.5 39.5 31.0 19.5 16.3	82.2 80.6 78.9 76.9 74.8 72.5 65.3 54.4 51.2	13.3 12.5 11.8 11.0 10.4 9.8 8.6 7.5 7.3	56.4 54.0 51.6 49.0 46.4 43.7 36.1 26.7	84.0 82.6 81.0 79.3 77.5 75.4 69.3 61.0	19.4 17.8 16.4 15.3 14.2 13.2 11.1 9.6	61.4 59.2 56.9 54.5 52.1 49.6 42.9 35.1	85.7 84.6 83.3 81.9 80.4 78.7 73.9 67.6	23.3 22.1 21.0 19.9 19.0 18.3 16.0 14.3	55.0 50.0 43.3	80.1 76.9 72.1	15.7 15.5 14.0			
65.0 68.0 70.0 74.0 74.3 75.0 80.0 83.0				13.7	30.4	0.4	25.4 17.3	58.8 50.9	12.2 10.9	35.7 26.1 16.0	65.9 57.4 47.6	12.8 11.4 9.6	35.0 33.7 24.9 16.5	58.6 57.5 49.4 41.2	8.6 8.4 7.3 6.7



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 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]
				32.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín				
17.3 18.0 20.0 22.0 24.0	78.0 77.3 75.4 73.5 71.6	96.1 95.9 95.4 94.8 94.2	31.7 31.7 30.8 29.5 25.6												
25.4 26.0 28.0 30.0 32.0	69.6 67.7 65.7 63.6	93.5 92.7 91.8 90.8	22.7 20.6 18.9 17.4	73.0 72.4 70.5 68.5 66.5	94.4 94.2 93.5 92.7 91.9	28.7 28.6 28.3 27.4 26.2									
34.0 36.0 37.9 38.0	61.5 59.4 57.3	89.7 88.6 87.3	16.3 15.1 14.0	64.5 62.4 60.3	90.9 89.9 88.8	24.6 23.3 21.9	65.0 64.9	90.2 90.1	23.3 23.3						
40.0 42.0 44.0 46.0 48.0	55.0 52.8 50.4 48.0 45.4	86.0 84.5 82.9 81.1 79.2	13.1 12.2 11.5 10.9 10.2	58.2 56.0 53.7 51.4 49.0	87.6 86.3 84.8 83.3 81.6	19.9 18.1 16.6 15.4 14.4	62.9 60.8 58.7 56.5 54.2	89.1 88.1 86.9 85.6 84.2	23.0 21.7 20.7 19.7 18.7						
50.0 52.5 55.0 60.0 64.0	35.4 26.3 15.9	77.1 70.8 62.3 51.7	9.6 8.3 7.4 6.6	39.7 31.8	79.7 74.3 67.2	13.4 11.2 9.6	51.9 45.8 38.9	78.2 72.6	17.9 15.9 14.1	55.0 52.3 46.2	82.5 80.8 76.4	14.7 15.2 13.8			
65.0 67.0 70.0 71.0 75.0				21.3 15.3	57.0 50.7	7.6	30.8 19.9 16.9	65.3 54.5 51.4	12.4 10.4 10.0	39.4 31.3 20.7	70.9 63.7 53.2	12.5 11.4 10.1			
76.7 77.0 80.0 85.0 86.0										15.6	48.0	8.8	35.0 30.4 19.2 16.1	56.0 44.9 41.7	7.7 7.0 6.1 5.9



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

		gulo de 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]
				32.0 r	n Pluma Cab	eza de p	II, Punto Ilumín (2 1 ] Posici	316-1) 6	5.5 m Plı	eza de p umín	lumín				
17.9	78.0	99.0	28.2												
18.0	77.9	99.0	28.2												
20.0	76.1	98.5	27.7												
22.0	74.3	98.0	26.5												
24.0	72.5	97.3	24.4												
26.0	70.6	96.7	22.0												
26.3				73.0	97.2	25.4									
28.0	68.7	95.9	20.3	71.4	96.7	25.3									
30.0	66.8	95.1	18.5	69.5	95.9	24.6									
32.0	64.9 63.0	94.2	17.0 15.7	67.6	95.1 94.2	24.0 23.0									
34.0 36.0	61.0	93.2 92.1	15.7	65.7 63.8	94.2	23.0									
38.0	58.9	92.1	13.6	61.8	93.3 92.2	21.4									
39.2	30.9	90.9	13.0	01.0	32.2	21.4	65.0	92.9	21.7						
40.0	56.9	89.6	12.7	59.8	91.1	19.9	64.2	92.5	21.7						
42.0	54.7	88.2	11.8	57.7	89.9	18.2	62.3	91.5	21.3						
44.0	52.6	86.7	11.1	55.6	88.5	16.6	60.3	90.4	20.1						
46.0	50.3	85.1	10.5	53.5	87.1	15.2	58.2	89.2	19.3						
48.0	48.0	83.3	9.9	51.3	85.5	14.1	56.1	87.8	18.3						
50.0	45.6	81.4	9.3	49.0	83.8	13.2	54.0	86.4	17.5						
54.2										55.0	85.0	13.9			
55.0	39.0	75.8	8.0	42.8	78.9	11.0	48.3	82.3	15.7	54.3	84.5	14.5			
60.0	31.3	68.6	7.0	35.8	72.7	9.3	42.1	77.3	13.8	48.7	80.5	13.3			
65.0	21.2	58.3	6.1	27.4	64.4	8.0	35.0	70.9	12.3	42.5	75.5	12.1			
67.0	15.5	52.1	5.7												
70.0				16.1	52.4	6.1	26.3	62.3	10.5	35.5	69.2	11.1			
74.0							16.5	51.8	9.0						
75.0										26.9	60.8	9.9	05.0	00.0	0.0
79.2										45.0	40.4	7.9	35.0	62.0	6.8
80.0 85.0										15.3	48.4	7.9	34.6 25.8	61.7 52.9	6.7 5.7
85.0 89.0													25.8 15.7	52.9 42.1	5.7



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

		gulo de orincipal			gulo de orincipa			gulo de 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]
				32.0 ו	m Pluma Cab	eza de p	al, Punto Jumín (2 n] Posici	316-1) 6	8.5 m Pl		lumín		-		
18.5 20.0 22.0 24.0 26.0	78.0 76.7 75.0 73.3 71.5	101.9 101.6 101.1 100.5 99.8	25.5 25.4 24.2 23.1 21.3												
27.1 28.0 30.0 32.0 34.0	69.7 67.9 66.1 64.2	99.1 98.3 97.5 96.5	19.9 18.4 16.9 15.5	73.0 72.2 70.5 68.7 66.9	100.1 99.8 99.1 98.4 97.5	22.9 22.9 22.5 22.0 21.5									
36.0 38.0 40.0 40.4	62.4 60.5 58.5	95.5 94.4 93.2 91.9	14.5 13.5 12.5	65.0 63.2 61.3	96.6 95.6 94.6	20.9 20.5 20.1	65.0	95.6 94.9	19.9 20.4						
42.0 44.0 46.0 48.0 50.0	56.5 54.5 52.4 50.2 48.0	90.5 89.0 87.3 85.6	10.9 10.2 9.7 9.1	59.3 57.3 55.3 53.3 51.1	92.1 90.8 89.3 87.7	16.9 15.5 14.2 13.2	63.6 61.7 59.8 57.8 55.8	93.8 92.7 91.4 90.1	19.8 18.8 18.1 17.2						
55.0 56.0 60.0 65.0 70.0	35.2 27.0 15.2	74.1 65.7 52.4	7.8 6.8 5.9 5.1	39.2 31.9 22.7	77.6 70.5 60.6 52.8	9.3 8.0 6.8	50.5 44.8 38.5 31.1	86.3 81.7 76.0 68.6	15.5 13.7 12.1 10.7	55.0 50.9 45.2 38.9	87.5 84.4 79.9 74.2	13.1 13.0 11.9 10.7			
73.0 75.0 77.0 80.0 81.7				15.7	52.8	5.5	21.4 16.1	58.3 52.2	9.0 8.3	31.5 22.1	67.0 57.0	9.8	35.0	63.7	6.1
82.0 85.0 90.0 92.0										17.0	51.2	8.2	30.6 20.8 15.3	59.3 48.8 42.5	5.6 4.7 4.4



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ı	n Pluma	principa	I, Punto	de carga	1 - Cab	eza de p	lumín		_		
					Cab		olumín (2: n ] Posici			umin					
19.1	78.0	104.9	23.3				ſ								
20.0	77.3	104.7	23.3												
22.0	75.6	104.2	22.5												
24.0	74.0	103.6	21.7												
26.0	72.3	103.0	20.3												
28.0	70.6	102.3	19.0	73.0	103.0	21.1									
30.0	68.9	101.6	18.0	71.3	102.3	21.0									
32.0	67.2	100.7	16.4	69.6	101.6	20.6									
34.0	65.4	99.8	15.1	67.9	100.8	20.2									
36.0	63.6	98.9	13.9	66.1	99.9	19.7									
38.0	61.8	97.8	13.0	64.4	99.0	19.2									
40.0	60.0	96.7	12.1	62.6	98.0	18.8									
41.7							65.0	98.3	19.0				<u> </u>		
42.0	58.1	95.5	11.3	60.7	96.9	18.3	64.8	98.2	19.0						
44.0	56.2	94.1	10.5	58.9	95.7	16.7	63.0	97.2	18.9						
46.0	54.2	92.7	9.8	57.0	94.4	15.3	61.2	96.1	18.2						
48.0	52.2	91.2	9.2	55.0	93.0	14.1	59.3	95.0	17.4						
50.0	50.1	89.6	8.7	53.0	91.6	13.0	57.4	93.7	16.7						
55.0	44.6	84.9	7.5	47.8	87.4	10.9	52.5	90.1	14.8						
57.7										55.0	89.9	12.3			
60.0	38.6	79.2	6.4	42.1	82.3	9.1	47.2	85.9	13.3	52.8	88.3	12.6			
65.0	31.5	71.9	5.6	35.6	76.0	7.7	41.4	80.7	11.7	47.5	84.1	11.4			
70.0	22.5	61.9	4.8	27.9	67.8	6.6	34.9	74.2	10.5	41.8	78.9	10.3			
73.0	15.9	54.1	4.0												
75.0				17.3	55.5	5.5	27.0	65.7	8.9	35.3	72.5	9.5			
76.0				15.4	53.2	4.8									
80.0							15.7	52.6	7.3	27.5	64.2	8.4	25.0	05.5	
84.1										40.0	54.0	7.0	35.0	65.5	5.3
85.0 90.0										16.6	51.6	7.3	34.5	65.0 56.3	5.2
													26.5		4.3
94.0													17.9	46.3	3.7



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		1	gulo de orincipa		ı	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]
				32.0 ı	m Pluma Cab	eza de p	ıl, Punto ılumín (2: ı ] Posici	316-1) 7	4.5 m Pl	eza de p umín	lumín				
19.8	78.0	107.8	21.8												
20.0	77.8	107.8	21.8												
22.0	76.2	107.3	21.5												
24.0	74.6 73.0	106.8 106.2	20.7 19.7												
26.0 28.0	71.4	105.5	18.4												
28.9	71.4	103.3	10.4	73.0	105.8	20.0									
30.0	69.8	104.8	17.5	72.1	105.5	20.0				i					
32.0	68.1	104.0	16.3	70.5	104.8	19.8				i					İ
34.0	66.5	103.1	14.9	68.8	104.0	19.4									
36.0	64.8	102.2	13.8	67.2	103.2	19.0									
38.0	63.0	101.2	12.8	65.5	102.3	18.5									
40.0	61.3	100.1	12.0	63.8	101.3	18.1									
42.0 43.0	59.5	99.0	11.1	62.0	100.3	17.7	65.0	101.1	18.1						
44.0	57.7	97.7	10.4	60.3	99.2	16.9	64.2	100.6	18.1						
46.0	55.9	96.4	9.7	58.5	98.0	15.5	62.4	99.5	17.8						
48.0	54.0	95.0	9.0	56.6	96.7	14.2	60.7	98.4	17.0	i					
50.0	52.0	93.5	8.5	54.8	95.3	13.1	58.9	97.3	16.3	İ					
55.0	46.9	89.1	7.3	49.9	91.4	10.9	54.3	93.9	14.6						
59.4										55.0	92.4	11.6			
60.0	41.4	83.9	6.2	44.6	86.7	9.1	49.3	89.9	13.2	54.5	92.0	12.0			
65.0	35.1	77.5	5.4	38.8	81.0	7.6	44.0	85.1	11.6	49.6	88.1	11.0			
70.0 75.0	27.6 17.4	69.1 56.8	4.7 4.0	32.1 23.7	73.8 64.2	6.5 5.5	38.1 31.3	79.3 72.0	10.3 9.0	44.3 38.5	83.3 77.6	10.1 9.2			
76.0	17.4	54.5	3.5	23.1	04.2	5.5	31.3	72.0	9.0	36.5	77.0	9.2			
79.0	15.5	04.0	0.0	15.0	53.6	4.3									
80.0					00.0		22.6	61.9	7.6	31.7	70.4	8.4			
83.0							15.4	53.0	6.7						
85.0										23.3	60.6	7.4			
86.6													35.0	67.2	4.6
88.0										16.3	52.0	6.7			
90.0													30.9	62.7	4.1
95.0 97.0													22.1 17.5	52.5 46.8	3.3 3.0
97.0													17.5	40.0	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 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]
				32.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	7.5 m Pl	eza de p umín	lumín				
20.4 22.0 24.0 26.0 28.0	78.0 76.8 75.3 73.7 72.2	110.8 110.4 109.9 109.3 108.7	20.0 19.9 19.1 18.6 17.5			_									
29.8 30.0 32.0 34.0 36.0	70.6 69.0 67.4 65.8	108.0 107.2 106.4 105.5	16.7 16.1 14.8 13.6	73.0 72.8 71.3 69.7 68.1	108.7 108.6 108.0 107.2 106.5	18.3 18.3 18.2 17.8 17.5									
38.0 40.0 42.0 44.0 44.2	64.2 62.5 60.8 59.1	104.6 103.6 102.5 101.3	12.5 11.7 10.9 10.1	66.5 64.9 63.2 61.5	105.6 104.7 103.7 102.6	17.1 16.6 16.3 16.0	65.0	103.8	16.0						
44.2 46.0 48.0 50.0 55.0 60.0	57.4 55.6 53.8 49.0 43.9	100.0 98.7 97.2 93.2 88.4	9.4 8.8 8.2 7.1 6.0	59.8 58.1 56.3 51.7 46.8	101.5 100.3 99.0 95.3 90.9	15.0 13.9 12.8 10.7 9.0	63.6 61.9 60.2 55.8 51.2	102.9 101.9 100.8 97.6 93.8	16.5 16.2 15.6 14.2 12.8						
61.1 65.0 70.0 75.0 79.0	38.2 31.7 23.6 15.2	82.5 75.3 65.5 54.9	5.1 4.4 3.8 3.0	41.5 35.5 28.4	85.7 79.3 71.2	7.5 6.3 5.4	46.3 40.9 34.8	89.4 84.1 77.5	11.5 10.1 9.0	55.0 51.5 46.6 41.2	94.8 92.0 87.6 82.3	10.9 10.8 9.8 8.9			
80.0 81.0 85.0 86.0 89.0				19.1 16.6	59.6 56.4	4.5 4.3	27.5 17.8 15.1	69.1 56.9 53.4	7.6 6.2 5.9	35.2 27.6	75.9 67.1	7.0	35.0	68.9	3.8
90.0 91.0 95.0 100.0										17.8 15.1	54.8 51.3	6.0 5.8	34.5 27.1 17.2	68.3 59.8 47.2	3.7 3.0 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		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]
				32.0	m Pluma Cab	eza de p	il, Punto Ilumín (2 n] Posici	316-1) 8	0.5 m Pl	eza de p umín	lumín				
21.0	78.0	113.7	18.5			_									
22.0	77.3	113.5	18.5												
24.0	75.8	113.0	17.8												
26.0	74.3	112.4	17.2												
28.0	72.9	111.8	16.6												
30.0	71.4	111.2	16.0												
30.6				73.0	111.6	16.8									
32.0	69.8	110.4	15.4	72.0	111.1	16.8									
34.0	68.3	109.7	14.7	70.5	110.4	16.6									
36.0	66.8	108.8	13.4	69.0	109.7	16.2									
38.0	65.2	107.9	12.4	67.4	108.9	15.9							ł		
40.0 42.0	63.6 62.0	106.9 105.9	11.4 10.7	65.9 64.3	108.0 107.0	15.5 15.1							ł		
42.0 44.0	60.4	105.9	10.7	62.7	107.0	14.8							ł		
45.5	00.4	104.0	10.0	02.7	100.0	14.0	65.0	106.5	14.5						
46.0	58.7	103.6	9.3	61.1	104.9	14.6	64.6	106.3	15.1						
48.0	57.0	102.3	8.6	59.4	103.8	13.5	63.1	105.3	15.1						
50.0	55.3	100.9	8.0	57.7	102.5	12.6	61.4	104.2	14.8				İ		
55.0	50.8	97.1	6.8	53.4	99.1	10.5	57.3	101.2	13.8			İ	İ		
60.0	46.1	92.6	5.8	48.8	95.0	9.0	52.9	97.7	12.5						
62.8										55.0	97.3	10.3			
65.0	40.8	87.3	4.9	43.9	90.1	7.5	48.3	93.5	11.4	53.2	95.8	10.6			
70.0	35.0	80.8	4.2	38.4	84.3	6.2	43.3	88.6	10.1	48.6	91.7	9.5			
75.0	28.1	72.5	3.6	32.2	77.2	5.3	37.8	82.6	8.9	43.6	86.8	8.7			
80.0	19.1	60.8	3.0	24.6	67.8	4.4	31.4	75.3	7.8	38.1	80.9	7.9			
81.0	16.7	57.7	2.9	40.0	50.0	0.7									
84.0				16.3	56.8	3.7	22.6	65.5	6.5	24.5	70.0	6.0			
85.0 89.0							23.6 15.7	65.5 55.0	6.5 5.0	31.5	73.3	6.9	f		
90.0							10.7	33.0	5.0	23.7	63.5	5.9			
91.5										23.1	03.3	3.9	35.0	70.6	3.3
94.0										15.6	52.8	5.2	33.0	70.0	0.0
95.0				Ī						10.0	02.0	0.2	31.1	66.0	2.8
100.0													23.2	56.1	2.2
101.0													21.3	53.6	2.0



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 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				
21.6 22.0 24.0 26.0 28.0	78.0 77.7 76.3 74.9 73.5	116.6 116.5 116.1 115.5 115.0	16.9 16.9 16.6 16.1 15.7												
30.0 31.5 32.0 34.0 36.0	72.0 70.6 69.1 67.7	114.3 113.6 112.9 112.1	15.2 14.7 14.4 13.3	73.0 72.7 71.2 69.7	114.4 114.3 113.6 112.9	15.6 15.6 15.4 15.1									
38.0 40.0 42.0 44.0 46.0	66.2 64.6 63.1 61.6 60.0	111.2 110.3 109.3 108.2 107.1	12.2 11.2 10.4 9.8 9.1	68.3 66.8 65.3 63.8 62.2	112.1 111.3 110.4 109.4 108.4	14.9 14.6 14.2 13.9 13.7									
46.8 48.0 50.0 55.0 60.0	58.4 56.7 52.5 48.0	105.9 104.6 101.0 96.8	8.4 7.8 6.6 5.6	60.6 59.0 54.9 50.6	107.3 106.1 102.8 98.9	13.3 12.4 10.4 8.9	65.0 64.1 62.6 58.6 54.5	109.2 108.6 107.6 104.8 101.4	14.0 14.0 13.9 13.2 12.1						
64.6 65.0 70.0 75.0 80.0	43.2 37.9 31.8 24.4	91.8 85.9 78.6 69.1	4.7 4.0 3.4 2.8	46.0 41.0 35.4 28.8	94.4 89.1 82.6 74.5	7.4 6.1 5.1 4.3	50.1 45.5 40.4 34.7	97.5 92.9 87.4 80.8	11.1 9.9 8.7 7.7	55.0 54.7 50.4 45.7 40.7	99.7 99.5 95.6 91.1 85.7	9.7 10.0 9.3 8.5 7.7			
84.0 85.0 87.0 90.0 92.0	16.4	58.1	2.3	20.5 16.0	63.4 57.2	3.4 3.1	28.0 19.3 15.4	72.5 60.9 55.4	6.5 5.2 4.3	34.8 28.9	78.8 71.6	6.6 5.6			
93.9 95.0 97.0 98.0										20.6 16.2	60.6 54.4	4.8 4.4	35.0 34.4 30.5	72.3 71.6 66.8	2.6 2.5 2.1



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

		gulo de orincipa			gulo de orincipa			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]
				32.0 ı		eza de p	ıl, Punto ılumín (2: ı ] Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
22.3	78.0	119.6	15.7												
24.0	76.8	119.2	15.6												
26.0	75.5	118.6	15.2												
28.0	74.1	118.1	14.8												
30.0	72.7	117.5	14.4												
32.0	71.3	116.8	14.0												
32.4				73.0	117.3	14.5									
34.0	69.9	116.1	13.7	71.9	116.8	14.5									
36.0	68.5	115.3	13.2	70.5	116.1	14.2									
38.0	67.0	114.5	12.1	69.1	115.3	14.0									
40.0	65.6	113.6	11.1	67.6	114.5	13.8									
42.0	64.1	112.6	10.3	66.2	113.7	13.5									
44.0	62.6	111.6	9.6	64.7	112.7	13.2									
46.0	61.1	110.5	9.0	63.3	111.8	13.0									
48.0	59.6	109.4	8.3	61.8	110.7	12.8	65.0	111.9	12.5						
50.0	58.0	108.2	7.7	60.2	109.6	12.3	63.6	111.0	13.0						
55.0	54.0 49.8	104.7	6.4	56.3	106.4 102.8	10.3	59.8	108.3 105.1	12.6						
60.0 65.0	49.8 45.3	100.8 96.1	5.4 4.5	52.2 47.9	102.8 98.5	8.8 7.4	55.9 51.8	105.1 101.4	11.8 10.7						
66.3	45.3	90.1	4.5	47.9	90.5	7.4	0.10	101.4	10.7	55.0	102.2	9.1			
70.0	40.4	90.7	3.8	43.2	93.6	6.1	47.4	97.1	9.8	55.0	99.5	9.1			
70.0 75.0	34.9	84.1	3.0	43.2 38.1	93.6 87.7	4.9	47.4 42.7	97.1	9.6 8.6	52.0 47.7	99.5 95.2	8.2			
80.0	28.5	75.9	2.6	32.3	80.5	4.9	42.7 37.5	92.0 86.0	7.6	47.7	95.2	7.4			
85.0	20.5	75.9	2.0	25.3	71.3	3.4	31.6	78.6	6.6	37.6	84.0	6.3			
90.0				25.3 15.7	57.6	2.6	24.5	69.1	5.4	32.4	77.5	5.4			
95.0				13.7	51.0	2.0	15.1	55.8	3.8	25.5	68.4	4.5			
100.0							13.1	55.0	0.0	15.9	54.9	3.7			



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	9.5 m Pli	eza de p umín	lumín				
22.9	78.0	122.5	13.8												
24.0	77.3	122.2	13.8												
26.0	76.0	121.8	13.4												
28.0	74.6	121.2	13.1												
30.0	73.3	120.6	12.8												
32.0	72.0	120.0	12.5												
33.3				73.0	120.2	12.7									
34.0	70.6	119.3	12.2	72.5	120.0	12.7									
36.0	69.2	118.5	11.9	71.2	119.3	12.6									
38.0	67.8	117.7	11.2	69.8	118.6	12.3									
40.0	66.4 65.0	116.9	10.3	68.4	117.8 116.9	12.0									
42.0 44.0	63.6	115.9 115.0	9.6 8.9	67.0 65.6	116.9 116.0	11.8 11.5									
46.0	62.1	113.0	8.3	64.2	115.1	11.3									
48.0	60.7	112.8	7.8	62.7	114.1	11.0									
49.3	00.7	112.0	7.0	02.1	114.1	11.0	65.0	114.6	11.2						
50.0	59.2	111.6	7.2	61.3	113.0	10.9	64.5	114.3	11.2						
55.0	55.3	108.3	5.9	57.5	110.0	9.4	60.9	111.7	10.9						
60.0	51.3	104.6	5.0	53.6	106.5	8.1	57.1	108.6	10.4						
65.0	47.0	100.2	4.1	49.5	102.4	7.1	53.2	105.1	9.6						
68.0										55.0	104.7	8.5			
70.0	42.4	95.0	3.4	45.1	97.7	5.8	49.0	101.0	9.0	53.4	103.2	8.5			
75.0	37.4	88.9	2.7	40.3	92.2	4.7	44.6	96.2	8.0	49.3	99.1	7.7			
80.0	31.6	81.5	2.3	35.0	85.6	3.8	39.7	90.6	7.0	44.8	94.4	7.0			
85.0				28.8	77.4	3.1	34.3	83.8	6.3	40.0	88.8	6.0			
90.0				21.1	66.4	2.4	28.1	75.4	5.2	35.3	83.0	5.1			
92.0				17.1	60.5	2.1									
95.0							20.1	64.0	4.1	29.3	75.0	4.2			
97.0							15.8	57.6	3.6						
100.0										21.7	64.3	3.4			
103.0										15.6	55.3	3.0			



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

	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ı		eza de p	lumín (2	316-1) 9:	2.5 m Pl	eza de p umín	lumín				
						46.0 [ 11	] Posici	on midia	11 (2316)						
23.6	78.0	125.4	12.6												
24.0	77.7	125.3	12.6												
26.0	76.4	124.9	12.5												
28.0	75.2	124.3	12.1												
30.0	73.9 72.6	123.8	11.9 11.6												
32.0	71.2	123.1 122.5													
34.0 34.2	/1.2	122.5	11.3	73.0	123.1	11.7									
34.2 36.0	69.9	121.8	11.1	73.0	123.1	11.7									
38.0	68.6	121.0	10.7	70.5	121.8	11.4									
40.0	67.2	120.1	9.9	69.2	121.0	11.1									
42.0	65.9	119.3	9.2	67.8	120.2	10.9									
44.0	64.5	118.3	8.6	66.5	119.3	10.6							i		
46.0	63.1	117.3	8.0	65.1	118.4	10.3							i		
48.0	61.7	116.2	7.6	63.7	117.4	10.1							İ		
50.0	60.3	115.1	7.1	62.3	116.4	9.9									
50.6							65.0	117.4	10.1						
55.0	56.6	112.0	5.8	58.7	113.5	8.9	61.9	115.1	9.9						
60.0	52.8	108.4	4.8	55.0	110.2	7.8	58.3	112.2	9.4						
65.0	48.7	104.2	4.0	51.1	106.4	7.0	54.6	108.8	8.9						
69.7										55.0	107.1	7.9			
70.0	44.4	99.4	3.2	46.9	101.9	5.8	50.6	104.9	8.4	54.8	106.9	7.9			
75.0	39.8	93.8	2.6	42.5	96.8	4.6	46.4	100.4	7.7	50.9	103.1	7.5			
80.0				37.6	90.7	3.7	41.9	95.2	6.8	46.7	98.6	6.8			
85.0				32.1	83.4	3.0	37.0	89.0	6.1	42.2	93.4	5.8			
90.0				25.5	74.2	2.3	31.4	81.5	5.2	37.9	88.0	4.9			
95.0							24.7	72.0	4.2	32.5	80.9	4.0			
100.0							15.5	58.0	3.1	26.1	71.8	3.2			
105.0										17.6	59.1	2.5			
106.0										15.4	55.7	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]
				32.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9	5.5 m Pli	eza de p umín	lumín				
24.2	78.0	128.4	11.5												
26.0	76.9	127.9	11.5												
28.0	75.6	127.4	11.2												
30.0	74.4	126.9	10.9												
32.0	73.1	126.3	10.7												
34.0	71.9	125.6	10.4												
35.0				73.0	125.9	10.6									
36.0	70.6	124.9	10.2	72.4	125.6	10.6									
38.0	69.3	124.2	10.0	71.1	124.9	10.5									
40.0	68.0	123.4	9.4	69.8	124.2	10.2									
42.0	66.7	122.5	8.8	68.5	123.4	10.0									
44.0	65.4	121.6	8.2	67.2	122.6	9.8									
46.0	64.0	120.7	7.7	65.9	121.7	9.6									
48.0	62.7	119.7	7.2	64.6	120.8	9.3									
50.0	61.3	118.6	6.8	63.2	119.8	9.1									
51.8							65.0	120.1	9.2						
55.0	57.8	115.6	5.6	59.8	117.0	8.5	62.9	118.5	9.1						
60.0	54.1 50.3	112.1 108.2	4.5 3.7	56.2	113.8 110.2	7.4 6.6	59.4 55.8	115.7 112.5	8.7 8.3						
65.0	46.3			52.5 48.6	110.2	5.6		112.5	8.0						
70.0 71.4	46.3	103.7	3.0	48.6	106.0	5.6	52.1	108.8	8.0	55.0	109.6	7.4			
71.4 75.0	41.9	98.4	2.3	44.4	101.2	4.5	48.1	104.5	7.5	55.0 52.3	109.6	7.4			
80.0	41.9	90.4	2.3	39.9	95.6	3.5	43.9	99.6	6.6	52.3 48.4	106.9	6.5			
85.0				39.9	95.6 88.9	2.7	39.4	93.9	5.8	44.6	98.4	5.5			
90.0				34.9 29.1	80.8	2.7	34.3	93.9 87.1	5.6	44.6	96. <del>4</del> 92.8	5.5 4.6			
95.0				23.1	00.0	Z. I	28.5	78.8	4.1	35.2	86.3	3.7			
100.0							21.2	67.7	3.1	29.6	78.3	2.9			
100.0							15.3	58.4	2.5	23.0	10.5	2.5			
105.0							10.0	30.7	2.0	22.7	68.0	2.2			
106.0										21.0	65.4	2.1			



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

		gulo de 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]
				32.0 ı		eza de p	II, Punto Ilumín (2 I Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín		_		
24.8	78.0	131.3	10.6						(=0.0)				1		
26.0	77.3	131.0	10.6												
28.0	76.1	130.5	10.4												
30.0	74.9	130.0	10.1										İ		
32.0	73.7	129.4	9.9												
34.0	72.4	128.8	9.7												
35.9				73.0	128.8	9.7							İ		
36.0	71.2	128.1	9.4	73.0	128.8	9.7						İ	İ		
38.0	70.0	127.4	9.3	71.7	128.1	9.7									
40.0	68.7	126.6	9.0	70.5	127.4	9.5									
42.0	67.4	125.8	8.4	69.2	126.7	9.2									
44.0	66.2	124.9	7.8	68.0	125.9	9.1									
46.0	64.9	124.0	7.3	66.7	125.0	8.9									
48.0	63.6	123.0	6.9	65.4	124.1	8.7									
50.0	62.3	122.0	6.5	64.1	123.1	8.5									
53.1							65.0	122.8	8.4						
55.0	58.9	119.1	5.4	60.8	120.5	8.1	63.8	121.9	8.4						
60.0	55.4	115.8	4.3	57.4	117.4	7.2	60.5	119.2	8.1						
65.0	51.8	112.1	3.5	53.9	114.0	6.4	57.0	116.1	7.8						
70.0	47.9	107.8	2.8	50.1	110.0	5.6	53.5	112.6	7.5						
73.2										55.0	112.0	6.9			
75.0	43.8	102.9	2.1	46.2	105.4	4.5	49.7	108.5	7.3	53.7	110.7	6.9			
80.0				42.0	100.2	3.5	45.7	103.9	6.5	49.9	106.7	6.2			
85.0				37.3	94.1	2.6	41.5	98.6	5.7	46.4	102.6	5.2			
90.0							36.8	92.3	5.0	42.2	97.4	4.3			
95.0 100.0							31.6 25.4	84.9 75.5	4.2 3.2	37.6	91.4 84.2	3.4 2.7			
100.0							25.4	/5.5	3.2	32.5 27.9	84.2 77.2	2.7			
104.0							18.4	64.3	2.2	21.8	11.2	2.1			
106.0							16.4	61.1	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 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]
				32.0 ו	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 10	)1.5 m P	eza de p lumín	lumín				
25.4	78.0	134.2	9.8												
26.0	77.7	134.1	9.8												
28.0	76.5	133.6	9.7												
30.0	75.3	133.1	9.4												
32.0	74.2	132.6	9.2												
34.0	73.0	132.0	9.0												
36.0	71.8	131.3	8.8												
36.8				73.0	131.7	8.9				•			<u> </u>		
38.0	70.6	130.6	8.6	72.3	131.3	8.9									
40.0	69.4	129.9	8.4	71.1	130.6	8.8									
42.0	68.2	129.1	8.0	69.9	129.9	8.6									
44.0	66.9	128.2	7.5	68.7	129.1	8.4									
46.0	65.7	127.3	7.0	67.4	128.3	8.3									
48.0	64.4	126.4	6.5	66.2	127.4	8.1									
50.0	63.2	125.4	6.1	65.0	126.5	7.9									
54.4							65.0	125.5	7.7						
55.0	59.9	122.6	5.2	61.8	123.9	7.5	64.6	125.2	7.7						
60.0	56.6	119.5	4.1	58.5	121.0	6.8	61.4	122.6	7.5						
65.0	53.1	115.9	3.2	55.1	117.7	6.0	58.1	119.7	7.2						
70.0	49.4	111.8	2.5	51.5	113.9	5.4	54.7	116.3	6.9						
74.9										55.0	114.5	6.3			
75.0				47.8	109.6	4.4	51.1	112.5	6.7	54.9	114.4	6.3			
80.0				43.8	104.6	3.3	47.4	108.1	6.2	51.4	110.6	5.9			
85.0				40.0	99.6	2.4	43.4	103.1	5.4	48.0	106.7	4.9			
87.0				37.7	96.4	2.1									
90.0							39.0	97.3	4.7	44.0	101.8	4.0			
95.0							34.3	90.4	4.1	39.8	96.2	3.1			
100.0							28.8	82.1	3.2	35.1	89.6	2.4			
102.0							00.4	74.4	0.0	33.1	86.6	2.1			
105.0							22.1	71.4	2.3						
106.0							20.5	68.8	2.1						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 i	m Pluma Cabe	eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	4.5 m P	eza de p lumín	lumín				
26.1	78.0	137.2	9.1												
28.0	76.9	136.7	9.1												
30.0	75.8	136.2	8.9												
32.0	74.6	135.7	8.7												
34.0	73.5	135.1	8.5												
36.0	72.3	134.5	8.3												
37.7				73.0	134.5	8.3									
38.0	71.2	133.8	8.1	72.8	134.4	8.3									
40.0	70.0	133.1	7.9	71.7	133.8	8.3									
42.0	68.8	132.3	7.7	70.5	133.1	8.1									
44.0	67.6	131.5	7.2	69.3	132.3	7.9									
46.0	66.4	130.6	6.7	68.1	131.5	7.7									
48.0 50.0	65.2 64.0	129.7 128.7	6.3 5.9	66.9 65.7	130.7 129.8	7.6 7.4									
55.0	60.9	126.7	5.9	62.7	129.6	7.4									
55.6	60.9	120.1	5.0	02.7	127.3	7.0	65.0	128.2	7.1						
60.0	57.7	123.1	4.0	59.5	124.5	6.5	62.3	126.2	7.1						
65.0	54.3	119.6	3.1	56.2	124.3	5.7	59.2	123.2	6.7						
70.0	50.8	115.8	2.4	52.8	117.7	5.1	55.9	120.0	6.5				i		
72.0	49.4	114.1	2.1	02.0		0.1	00.0	120.0	0.0						
75.0	70.7	117.1	2.1	49.3	113.6	4.4	52.5	116.3	6.2						
76.6				10.0	1.0.0		02.0	1.0.0	0.2	55.0	117.0	5.8			
80.0				45.9	109.4	3.3	48.9	112.1	6.0	52.7	114.4	5.7	i		
85.0				41.5	103.6	2.4	45.1	107.4	5.3	49.5	110.7	4.8	İ		
87.0				39.8	101.2	2.1									
90.0							41.0	102.0	4.6	45.7	106.1	3.8			
95.0							36.6	95.7	4.0	41.7	100.8	3.0			
100.0							31.7	88.2	3.3	37.4	94.7	2.2			
101.0										36.5	93.4	2.1			
105.0							25.9	78.9	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 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]
				32.0 ı		eża de pl	ıl, Punto umín (23 ı] Posici	316-1) ĬC	7.5 m P		lumín				
26.7 28.0 30.0 32.0	78.0 77.3 76.2 75.1	140.1 139.8 139.3 138.8	8.2 8.2 8.0 7.8												
34.0 36.0 38.0	74.0 72.8 71.7	138.2 137.6 137.0	7.6 7.4 7.2												
38.6 40.0 42.0	70.6 69.4	136.3 135.5	7.1 6.9	73.0 72.2 71.1	137.4 136.9 136.3	7.4 7.4 7.2									
44.0 46.0 48.0	68.3 67.1 66.0	134.7 133.9 133.0	6.6 6.2 5.8	69.9 68.8 67.6	135.5 134.8 133.9	7.0 6.9 6.8									
50.0 55.0 56.9	64.8 61.8	132.1 129.5	5.4 4.7	66.4 63.5	133.1 130.7	6.6 6.2	65.0	131.0	6.2						
60.0 65.0 70.0 75.0	58.7 55.5	126.6 123.3	3.7 2.8	60.4 57.3 54.1 50.7	128.0 124.9 121.5 117.6	5.9 5.2 4.7 4.3	63.2 60.1 57.0 53.7	129.4 126.7 123.6 120.1	6.2 5.9 5.7 5.4						
78.3 80.0 85.0				47.1 43.3	113.1 108.1	3.2 2.3	50.3 46.7	116.1 111.6	5.3 4.8	55.0 53.9 50.8	119.4 118.2 114.7	5.1 5.1 4.4			
86.0 90.0 95.0 99.0				42.9	107.6	2.1	42.9 38.8	106.5 100.6	4.1 3.6	47.3 43.5 40.3	110.3 105.3 100.8	3.5 2.6 2.0			
100.0 105.0							34.2 29.1	93.8 85.5	3.1 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 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]
				32.0		eża de pl	lumín (23	316-1) 11	0.5 m P		lumín		_		
						52.0 [ m	n] Posici	ón mídfa	II (2316)						
27.3	78.0	143.0	7.4												
28.0	77.6	142.9	7.4												
30.0	76.6	142.4	7.3				•			•					
32.0	75.5	141.9	7.1												
34.0	74.4	141.3	6.9												
36.0	73.3	140.8	6.7												
38.0	72.2	140.1	6.6												
39.4				73.0	140.3	6.6									
40.0	71.1	139.4	6.4	72.7	140.1	6.6									
42.0	70.0	138.7	6.3	71.6	139.4	6.5									
44.0	68.9	138.0	6.1	70.5	138.7	6.4									
46.0	67.8	137.2	5.7	69.4	138.0	6.2									
48.0	66.7	136.3	5.3	68.3	137.2	6.1									
50.0	65.5 62.6	135.4 132.9	5.0 4.3	67.1 64.3	136.4 134.1	5.9 5.6									
55.0 58.2	62.6	132.9	4.3	64.3	134.1	5.0	65.0	133.7	5.5						
60.0	59.6	130.1	3.5	61.3	131.4	5.3	64.0	132.8	5.5						
65.0	56.6	127.0	2.6	58.3	128.5	4.8	61.0	130.1	5.3	l					
70.0	30.0	127.0	2.0	55.2	125.2	4.6	58.0	127.2	5.0	i					
75.0				51.9	121.4	4.0	54.8	123.8	4.8						
80.0				48.5	117.2	3.2	51.6	120.0	4.6	55.0	121.9	4.5			
85.0				44.9	112.4	2.3	48.2	115.7	4.3	51.8	118.1	4.1			
86.0				44.6	111.9	2.1	.5.2			01.0					
90.0				l			44.5	110.9	3.8	48.7	114.3	3.2			
95.0							40.7	105.4	3.3	45.1	109.6	2.4			
97.0										43.6	107.5	2.1			
100.0							36.5	99.0	2.9						
105.0							32.4	92.4	2.2						
106.0							31.4	90.8	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]
				32.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 3:	2.5 m Pl	eza de p umín	lumín		_		
11.0	78.0	66.7	44.5												
12.0	76.2	66.5	43.4												
13.0	74.4	66.2	41.3												
14.0	72.6	65.9	39.3												
16.0	68.8	65.2	36.2												
16.6				73.0	65.7	38.1									
18.0	64.9	64.3	33.2	70.4	65.2	36.6									
20.0	61.0	63.2	31.0	66.6	64.4	33.9									
22.0	56.8	62.0	28.6	62.6	63.4	31.5									
24.0	52.4	60.5	26.7	58.6	62.2	29.5	05.0	20.0	00.0						
25.2			05.0	540		07.7	65.0	63.0	29.9						
26.0 28.0	47.7 42.7	58.7 56.7	25.0 23.2	54.3 49.7	60.8 59.2	27.7 26.3	63.6	62.6 61.5	31.8						
30.0	37.1	56.7	23.2	49.7 44.9	59.2 57.3	26.3	59.5 55.3	60.2	30.3 28.7						
32.0	30.6	51.1	20.1	39.5	57.3 55.0	23.3	50.8	58.6	27.5						
34.0	22.4	46.9	18.4	33.4	52.2	22.0	46.0	56.8	25.9						
35.0	16.9	44.0	17.5	33.4	32.2	22.0	40.0	30.0	25.5						
35.3	10.9	44.0	17.5							55.0	58.0	26.6	i		
36.0				26.1	48.6	20.1	40.8	54.6	24.4	53.7	57.5	28.1	i		
38.0				15.8	43.1	18.1	34.9	51.9	23.1	49.2	55.9	26.6			
40.0							27.9	48.5	21.5	44.2	53.9	25.3			
42.0							18.7	43.6	19.8	38.8	51.6	24.0			
44.0										32.6	48.7	22.9			
46.0										25.1	45.0	21.6			
48.0										16.4	40.3	15.1			
52.2													35.0	43.1	17.2
55.0													25.6	38.5	17.2
57.0													17.2	34.0	15.1



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]
				32.0 r	n Pluma Cab	eza de p	ıl, Punto llumín (19 n] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín				
11.7 12.0 13.0 14.0 16.0	78.0 77.4 75.8 74.1 70.7	69.7 69.6 69.3 69.0 68.4	39.3 39.3 37.7 36.3 33.2												
17.5 18.0 20.0 22.0 24.0	67.2 63.6 59.9 56.1	67.6 66.6 65.5 64.2	30.7 28.4 26.6 24.9	73.0 72.1 68.7 65.1 61.5	68.5 68.4 67.6 66.7 65.7	33.7 33.7 31.2 28.9 27.3									
26.0 26.5 28.0 30.0	52.1 47.8 43.2	62.7 61.0 59.0	23.5 22.1 20.7	57.7 53.8 49.6	64.5 63.1 61.4	25.6 24.3 23.1	65.0 62.3 58.6	65.7 65.0 63.8	28.4 27.8 26.6						
32.0 34.0 36.0 37.0 38.0	38.1 32.4 25.6 16.1	56.6 53.6 49.9 44.4	19.5 18.3 17.0 15.7	45.2 40.3 34.9 28.6	59.5 57.3 54.6 51.3	21.8 20.6 19.6 18.3	54.7 50.6 46.2 41.5	62.4 60.8 59.0 56.9	25.2 24.2 22.8 21.5	55.0 53.3	60.4 59.8	23.4 24.9			
40.0 41.0 42.0 44.0 45.0				20.6 15.1	46.7 43.5	16.9 16.2	36.2 30.2 22.7 17.8	54.3 51.1 46.9 44.1	19.3 18.1 17.4	49.1 44.6 39.7	58.1 56.2 53.9	23.6 22.5 21.3			
46.0 48.0 50.0 51.0 54.6 55.0										34.2 27.8 19.4 15.6	51.2 47.7 42.9 40.7	20.4 19.4 18.3 15.1	35.0 34.6	44.8 44.6	16.1 16.9
60.0													16.4	34.4	14.4



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]
				32.0 ı		eza de p	il, Punto lumín (1 il Posici	916-1) 3	8.5 m Pli	eza de p umín	lumín		_		
12.3 13.0 14.0	78.0 76.9 75.4	72.6 72.4 72.2	35.1 34.8 33.3												
16.0 18.0 18.4	72.3 69.1	71.6 70.8	30.7 28.6	73.0	71.4	30.0									
20.0 22.0 24.0 26.0	65.8 62.5 59.1 55.5	70.0 69.0 67.8 66.5	26.4 24.7 23.2 21.9	70.4 67.2 63.9 60.5	70.8 70.0 69.1 68.0	28.8 26.9 25.1 23.8									
27.8 28.0 30.0	51.8 47.8	65.0 63.2	20.8	57.0 53.4	66.8 65.3	22.6 21.6	65.0 64.7 61.3	68.4 68.3 67.3	25.4 25.4 24.5						
32.0 34.0	43.6 39.0	61.2 58.9	18.6 17.6	49.5 45.4	63.7 61.8	20.6 19.4	57.8 54.2	66.1 64.7	23.5 22.3						
36.0 38.0 38.8	33.9 28.0	56.1 52.6	16.8 15.7	41.0 36.1	59.6 57.0	18.4 17.5	50.4 46.4	63.1 61.2	21.5 20.3	55.0	62.9	20.8			
40.0 41.0 42.0	20.5 15.4	48.0 44.8	14.7 14.2	30.6 23.9	53.9 49.9	16.6 15.6	42.0 37.3	59.1 56.6	19.1	52.9 49.0	62.0	22.2			
44.0 46.0 48.0 50.0				16.4	45.1	12.9	31.9 25.6 17.1	53.7 49.9 44.5	17.4 16.5 15.6	44.9 40.4 35.5 29.9	58.4 56.2 53.6 50.4	20.2 19.2 18.3 17.5			
53.0 57.1 60.0 63.0										18.6	43.4	16.3	35.0 27.0 15.7	46.5 41.9 34.8	14.9 15.2 13.2



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]
				32.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín				
12.9	78.0	75.5	31.0												
13.0	77.9	75.5	31.0												
14.0	76.4	75.3	30.4												
16.0	73.6	74.7	28.1												
18.0	70.7	74.0	25.9												
19.2				73.0	74.3	26.5									
20.0	67.7	73.2	24.1	71.9	74.0	26.3									
22.0	64.7	72.3	22.4	68.9	73.3	24.4									
24.0	61.5	71.3	21.1	65.9	72.4	22.9									
26.0	58.3	70.1	19.9	62.9	71.4	21.6									
28.0	55.0	68.7	18.8	59.7	70.3	20.5	05.0		04.4						
29.0	E4 E	67.0	17.0	EC 4	60.0	10.5	65.0 63.6	71.1 70.7	21.1 22.2						
30.0 32.0	51.5 47.8	67.2 65.5	17.9 17.0	56.4 53.0	69.0 67.6	19.5 18.6	60.4	69.6	21.2						
34.0	44.0	63.5	16.1	49.4	65.9	17.7	57.2	68.3	20.2						
36.0	39.7	61.2	15.3	45.6	64.0	16.8	53.8	66.9	19.2						
38.0	35.1	58.5	14.6	41.6	61.9	15.9	50.2	65.3	18.5						
40.0	29.9	55.3	13.8	37.1	59.4	15.2	46.5	63.5	17.5				i		
40.5	20.0	00.0	10.0	0	00		10.0	00.0		55.0	65.3	18.2	i		
42.0	23.6	51.1	13.0	32.2	56.4	14.4	42.5	61.4	16.6	52.6	64.3	19.2			
44.0	16.6	46.4	10.5	26.4	52.7	13.7	38.2	59.0	15.8	49.0	62.6	18.2			
46.0				19.0	47.7	12.9	33.4	56.1	15.1	45.1	60.7	17.5			
47.0				15.7	45.5	10.8									
48.0							27.8	52.6	14.3	41.0	58.5	16.6			
50.0							20.9	48.0	13.6	36.6	55.9	15.8			
51.0							16.4	45.0	13.2						
55.0										22.1	46.8	14.1			
56.0										17.9	43.9	13.7			
59.5													35.0	48.2	13.6
60.0													34.4	47.9	14.4
65.0													18.4	37.5	13.3
66.0													15.1	35.2	11.6



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			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]
				32.0		eza de p	ıl, Punto lumín (19 n ] Posici	916-1) 4	4.5 m Pli	eza de p umín	lumín				
13.5	78.0	78.5	28.1												
14.0	77.4	78.4	28.1												
16.0	74.7	77.8	26.2												
18.0	72.0	77.2	24.2												
20.0	69.3	76.5	22.7												
20.1				73.0	77.2	24.0									
22.0	66.5	75.6	21.0	70.4	76.5	22.8									
24.0	63.6	74.7	19.6	67.7	75.7	21.4									
26.0	60.7	73.6	18.5	64.8	74.8	20.1									
28.0	57.7 54.5	72.4 71.0	17.5	61.9 59.0	73.8 72.6	19.2									
30.0 30.3	54.5	71.0	16.6	59.0	72.6	18.2	65.0	73.9	20.2						
32.0	51.3	69.4	15.9	55.9	71.3	17.2	62.6	73.9	19.7						
34.0	47.9	67.7	15.9	52.7	69.8	16.5	59.6	71.9	18.8						
36.0	44.2	65.7	14.3	49.3	68.1	15.7	56.6	70.6	17.9						
38.0	40.4	63.5	13.6	45.8	66.3	14.9	53.4	69.2	17.0						
40.0	36.1	60.9	13.0	42.0	64.1	14.1	50.1	67.5	16.4						
42.0	31.4	57.8	12.4	38.0	61.7	13.5	46.6	65.7	15.5				i		
42.2					-					55.0	67.8	16.0	İ		
44.0	25.9	54.0	11.7	33.5	58.8	12.9	42.9	63.7	14.7	52.3	66.5	17.0			
46.0	19.0	49.0	11.1	28.4	55.4	12.2	38.9	61.3	14.0	48.9	64.8	16.2			
47.0	16.0	46.8	9.0												
48.0				22.2	51.0	11.5	34.5	58.5	13.4	45.4	62.9	15.5			
50.0				15.2	45.9	9.1	29.6	55.3	12.8	41.6	60.8	14.7			
54.0							15.8	45.4	11.5						
55.0										30.4	53.7	13.2			
59.0										17.2	44.3	11.9			
62.0													35.0	50.0	12.5
65.0													28.0	45.3	12.7
68.0													17.8	38.0	12.1



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]
				32.0			al, Punto Jumín (1			eza de p	lumín				
					Cab		n ] Posici			ullilli					
14.2	78.0	81.4	25.0												
16.0	75.7	81.0	23.9												
18.0	73.2	80.4	22.4												
20.0	70.6	79.7	21.1	70.0		04.4									
21.0	68.1	78.9	00.0	73.0 71.7	80.0 79.7	21.4 21.1									
22.0 24.0	65.4	78.9 78.0	20.0 18.9	69.1	79.7 78.9	20.0									
26.0	62.7	77.0	18.1	66.5	78.1	19.2									
28.0	60.0	75.9	17.4	63.9	77.2	18.4							i		
30.0	57.1	74.6	16.7	61.1	76.1	17.8									
31.6							65.0	76.6	18.7						
32.0	54.2	73.2	16.1	58.3	74.9	17.2	64.5	76.4	18.7				İ		
34.0	51.1	71.7	15.6	55.4	73.5	16.6	61.7	75.3	18.1						
36.0	47.9	69.9	14.9	52.4	72.1	16.1	59.0	74.2	17.6						
38.0	44.5	68.0	14.1	49.3	70.4	15.5	56.1	72.9	17.0						
40.0	40.9	65.7	13.4	45.9	68.5	14.8	53.1	71.4	16.4						
42.0	37.0	63.2	12.8	42.4	66.4	14.2	50.0	69.8	16.0						
43.9										55.0	70.3	15.8			
44.0	32.7	60.3	12.1	38.7	64.0	13.6	46.7	68.0	15.3	55.0	70.3	16.5			
46.0	27.8 22.0	56.8 52.3	11.4	34.6 30.0	61.3 58.0	13.1	43.3	65.9 63.6	14.6	52.0	68.8 67.1	16.2 15.8			
48.0 50.0	15.4	52.3 47.2	10.7 9.0	30.0 24.6	58.0 54.0	12.3 11.5	39.6 35.5	60.9	14.0 13.5	48.9 45.5	65.2	15.8			
52.0	15.4	47.2	9.0	24.6 17.7	48.7	10.7	33.5	00.9	13.5	45.5	05.2	15.3			
55.0				17.7	40.7	10.7	22.9	51.7	11.7	36.2	59.3	13.6			
57.0				I			15.3	45.7	11.0	00. <u>L</u>	00.0	10.0			
60.0										23.9	50.4	12.1			
62.0										16.7	44.8	11.5			
64.5													35.0	51.7	12.1
65.0													34.3	51.2	12.5
70.0													21.0	41.4	11.5
71.0													17.2	38.4	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 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]
				32.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín				
14.8	78.0	84.3	22.8												
16.0	76.6	84.1	22.4												
18.0	74.2	83.5	21.3												
20.0	71.8	82.9	20.1												
21.9				73.0	82.9	19.8									
22.0	69.4	82.1	19.3	72.8	82.8	19.8									
24.0	67.0	81.3	18.5	70.4	82.2	19.2									
26.0	64.5	80.4	17.9	68.0	81.4	18.6									
28.0	61.9 59.3	79.4	17.4	65.5 63.0	80.5 79.5	18.0									
30.0 32.0	56.6	78.2 76.9	16.9 16.5	60.4	79.5 78.4	17.6 17.2									
32.0	56.6	76.9	16.5	60.4	78.4	17.2	65.0	79.3	17.3						
32.8 34.0	53.8	75.5	16.1	57.7	77.2	16.8	63.6	79.3 78.7	17.3						
36.0	50.9	73.9	15.8	55.0	77.2 75.8	16.5	61.0	77.7	17.6						
38.0	47.9	72.2	15.1	52.1	74.3	16.2	58.3	76.5	17.4						
40.0	44.7	70.2	14.3	49.2	72.6	15.7	55.6	75.1	16.7						
42.0	41.4	68.0	13.5	46.1	70.8	15.1	52.8	73.7	16.4						
44.0	37.8	65.6	12.9	42.8	68.7	14.6	49.9	72.0	16.1				i		
45.6	00	00.0	.2.0	.2.0	00		10.0			55.0	72.7	15.6	i		
46.0	33.8	62.7	12.3	39.3	66.3	14.1	46.8	70.2	15.5	54.7	72.5	16.2			
48.0	29.4	59.4	11.5	35.5	63.6	13.6	43.6	68.2	14.8	51.8	71.0	16.0			
50.0	24.3	55.3	10.8	31.3	60.5	12.7	40.1	65.9	14.3	48.8	69.3	15.8			
52.0	17.8	49.9	10.0												
55.0				17.1	49.1	10.5	30.1	58.6	12.8	40.7	64.2	14.4			
60.0							16.2	47.4	10.8	31.5	57.6	13.1			
65.0										17.5	46.3	11.5			
66.9													35.0	53.4	11.7
70.0													28.7	48.7	11.5
74.0													16.6	38.8	10.8



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]
				32.0		eza de p	al, Punto dumín (19 n ] Posici	916-1) 5	3.5 m Pl	eza de p umín	lumín				
15.4	78.0	87.3	20.6												
16.0	77.3	87.1	20.6												
18.0	75.1	86.6	19.5												
20.0	72.9	86.0	18.5												
22.0	70.6	85.3	17.7												
22.7				73.0	85.8	17.8									
24.0	68.3	84.6	17.1	71.6	85.3	17.7									
26.0	66.0	83.7	16.5	69.3	84.6	17.1									
28.0	63.6	82.7	16.1	67.0	83.8	16.6									
30.0	61.2	81.7	15.7	64.6	82.9	16.2									
32.0	58.7	80.5	15.3	62.2	81.8	15.9									
34.0	56.1	79.2	15.0	59.8	80.7	15.6	05.0	00.0	40.0						
34.1 36.0	53.5	77.7	14.7	57.2	79.4	15.2	65.0 62.8	82.0 81.1	16.2 16.0						
38.0	50.8	76.2	14.7	57.2 54.6	79.4 78.1	15.2	60.3	80.0	15.7						
40.0	47.9	74.4	13.8	51.9	76.1	14.8	57.8	78.7	15.7						
42.0	44.9	72.5	13.1	49.1	74.9	14.3	55.2	77.4	15.4						
44.0	41.8	70.3	12.5	46.2	73.0	13.8	52.6	75.9	14.9						
46.0	38.4	67.9	12.0	43.1	70.9	13.4	49.8	74.3	14.7				i		
47.4	00.1	00	12.0		7 0.0		10.0			55.0	75.2	14.1			
48.0	34.8	65.1	11.5	39.9	68.6	13.0	46.9	72.4	14.1	54.3	74.8	14.7			
50.0	30.8	61.9	10.8	36.3	66.0	12.6	43.8	70.4	13.6	51.6	73.3	14.5			
55.0	17.2	50.4	9.1	25.8	57.5	10.7	35.3	64.2	12.6	44.3	68.6	13.8			
58.0				16.6	49.5	9.5									
60.0							24.4	55.3	11.0	36.5	63.0	12.5			
63.0							15.8	47.8	9.7						
65.0										25.1	53.9	11.3			
68.0										15.7	45.6	10.5			
69.4													35.0	55.1	10.9
70.0													34.2	54.5	11.2
75.0													22.8	45.1	10.3
77.0													16.2	39.3	9.9



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ı		eza de p	ıl, Punto llumín (19 n] Posici	916-1) 5	6.5 m Pli	eza de p umín	lumín				
16.0	78.0	90.2	18.7												
18.0	75.9	89.7	18.1												
20.0	73.8	89.2	17.3												
22.0	71.7	88.5	16.4												
23.6				73.0	88.6	16.2									
24.0	69.5	87.8	15.8	72.6	88.5	16.2									
26.0	67.4	87.0	15.3	70.5	87.8	15.8									
28.0	65.1	86.1	14.9	68.3	87.0	15.4									
30.0 32.0	62.9 60.5	85.1 84.0	14.6 14.3	66.1 63.8	86.2 85.2	15.1 14.7									
34.0	58.2	84.0 82.8	14.3	63.8	84.2	14.7									
35.4	36.2	02.0	14.0	01.5	04.2	14.5	65.0	84.7	14.8						
36.0	55.7	81.4	13.8	59.2	83.0	14.2	64.3	84.4	14.8						
38.0	53.2	80.0	13.5	56.8	81.7	13.9	62.1	83.4	14.6				i		
40.0	50.6	78.4	13.4	54.3	80.3	13.7	59.7	82.3	14.3						
42.0	47.9	76.6	12.8	51.7	78.8	13.5	57.3	81.0	14.1						
44.0	45.1	74.7	12.2	49.1	77.1	13.2	54.9	79.7	13.8						
46.0	42.1	72.6	11.7	46.3	75.2	12.8	52.3	78.1	13.6						
48.0	39.0	70.2	11.2	43.4	73.2	12.4	49.7	76.5	13.5						
49.1										55.0	77.6	12.9			
50.0	35.6	67.5	10.7	40.3	70.9	12.1	47.0	74.7	13.0	54.0	77.0	13.4			
55.0	25.4	58.8	9.3	31.6	63.9	10.9	39.5	69.3	12.0	47.4	72.9	13.1			
58.0	16.8	50.8	8.4												
60.0				19.6	53.2	9.1	30.5	62.0	10.9	40.0	67.5	12.1			
61.0				16.2	50.0	8.8									
65.0							17.8	50.5	9.5	31.1	60.4	11.1			
66.0							15.3	48.2	8.8	40.0	40.0	0.0			
70.0										18.8	49.3 46.0	9.9 9.7			
71.0 71.8										15.2	40.0	9.7	35.0	56.9	10.2
75.0													29.3	52.1	10.2
80.0													29.3 15.7	39.7	9.2



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (1 n ] Posici	916-1) 5	9.5 m Pl		lumín		-		
16.7 18.0 20.0 22.0 24.0 24.5	78.0 76.7 74.7 72.7 70.6	93.1 92.8 92.3 91.7 91.0	16.3 16.0 15.1 14.4 13.8	73.0	91.5	14.0									
26.0 28.0 30.0 32.0	68.5 66.4 64.3 62.1	90.2 89.4 88.4 87.4	13.4 13.0 12.7 12.5	71.5 69.4 67.3 65.2	91.0 90.3 89.4 88.5	13.9 13.5 13.2 12.9									
34.0 36.0 36.6 38.0 40.0	59.9 57.6 55.2 52.8	86.2 85.0 83.6 82.1	12.2 12.0 11.8 11.6	63.0 60.8 58.5 56.2	87.5 86.4 85.2 83.9	12.6 12.4 12.1 11.9	65.0 63.5 61.3	87.5 86.8 85.7	12.8 12.7 12.4						
42.0 44.0 46.0 48.0	50.3 47.7 45.0 42.2	80.5 78.7 76.8 74.6	11.4 11.0 10.6 10.3	53.8 51.4 48.8 46.2	82.5 80.9 79.2 77.3	11.7 11.6 11.3 11.1	59.1 56.8 54.4 52.0	84.5 83.2 81.8 80.3	12.2 12.0 11.8 11.6						
50.0 50.8 55.0 60.0 61.0	39.2 30.6 18.6 15.2	72.2 64.8 53.6 50.1	9.9 9.0 7.7 7.4	35.7 26.1	75.2 69.0 60.4	10.8	49.4 42.6 34.8	78.6 73.6 67.2	10.9 10.4	55.0 49.8 43.0	80.1 76.8 71.9	11.5 11.3 10.9			
64.0 65.0 68.0 70.0 74.0				16.9	51.5	7.4	24.8 16.3	58.2 49.9	9.2 8.4	35.3 25.5 16.0	65.6 56.8 47.6	9.5 8.5			
74.3 75.0 80.0 83.0													35.0 33.7 23.4 16.5	58.6 57.5 48.0 41.2	9.5 9.5 8.7 8.0



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		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]
				32.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 6:	2.5 m Pl	eza de p umín	lumín				
17.3 18.0 20.0 22.0 24.0	78.0 77.4 75.5 73.5 71.6	96.1 95.9 95.4 94.8 94.2	14.7 14.7 13.9 13.3 12.7												
25.4 26.0 28.0 30.0 32.0	69.6 67.6 65.6 63.6	93.5 92.7 91.8 90.8	12.3 12.0 11.7 11.4	73.0 72.4 70.5 68.5 66.5	94.4 94.2 93.5 92.7 91.8	12.7 12.7 12.4 12.1 11.8									
34.0 36.0 37.9 38.0	61.5 59.3 57.2	89.7 88.5 87.3	11.3 11.0 10.8	64.4 62.4 60.2	90.9 89.9 88.7	11.6 11.3	65.0 64.9	90.2 90.1	11.6 11.6						
40.0 42.0 44.0 46.0 48.0	54.9 52.6 50.2 47.8 45.2	85.9 84.4 82.7 81.0 79.0	10.6 10.4 10.3 10.0 9.7	58.1 55.9 53.6 51.2 48.8	87.5 86.2 84.7 83.1 81.4	10.9 10.7 10.5 10.4 10.2	62.8 60.7 58.6 56.4 54.1	89.1 88.0 86.8 85.5 84.1	11.4 11.2 11.0 10.8 10.6						
50.0 52.5 55.0 60.0 64.0	35.0 25.8 17.0	76.9 70.5 61.7 52.8	9.4 8.9 7.8 6.4	39.4 31.3	79.5 74.0 66.8	9.7 8.9	51.8 45.6 38.6	78.0 72.3	10.5 10.2 9.9	55.0 52.1 46.0	82.5 80.7 76.2	10.4 10.3 10.0			
65.0 67.0 70.0 71.0 75.0				20.6 16.5	56.2 51.9	7.7 6.7	30.3 19.0 15.9	53.6 50.3	9.1 8.0 7.8	39.1 30.9 19.9	70.6 63.3 52.4	9.8 9.3 8.4			
76.7 77.0 80.0 85.0 86.0										15.6	48.0	7.7	35.0 29.3 17.3 16.1	55.0 43.0 41.7	8.9 8.5 7.9 7.3



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		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0 ı		eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 6	5.5 m Pli	eza de p umín	lumín				
18.0	78.0	99.0	13.4												
20.0	76.1	98.5	12.9												
22.0	74.3	98.0	12.4												
24.0	72.5	97.4	11.8												
26.0	70.6	96.7	11.4												
26.3				73.0	97.2	11.7									
28.0	68.7	95.9	11.1	71.4	96.7	11.6									
30.0 32.0	66.8 64.9	95.1 94.1	10.8 10.6	69.5 67.6	95.9 95.1	11.3 11.0									
32.0 34.0	64.9 62.9	94.1	10.6	65.7	95.1	10.7									
36.0	60.9	93.1	10.4	63.7	93.3	10.7									
38.0	58.9	90.8	9.9	61.7	92.2	10.3									
39.2	30.9	30.0	3.3	01.7	32.2	10.5	65.0	92.9	10.6						
40.0	56.8	89.5	9.7	59.7	91.0	10.0	64.2	92.5	10.6						
42.0	54.6	88.1	9.5	57.6	89.8	9.8	62.2	91.4	10.4						
44.0	52.4	86.6	9.3	55.5	88.4	9.6	60.2	90.3	10.2						
46.0	50.1	85.0	9.1	53.3	87.0	9.4	58.1	89.1	10.0						
48.0	47.8	83.2	8.9	51.1	85.4	9.3	56.0	87.8	9.8						
50.0	45.3	81.3	8.6	48.8	83.7	9.1	53.8	86.3	9.6						
54.2										55.0	85.0	9.4			
55.0	38.7	75.6	8.1	42.6	78.7	8.6	48.1	82.2	9.2	54.2	84.4	9.4			
60.0	30.9	68.2	7.5	35.5	72.3	8.3	41.8	77.0	8.8	48.5	80.3	9.1			
65.0	20.5	57.5	6.6	26.8	63.8	7.4	34.6	70.5	8.4	42.2	75.3	8.8			
67.0	16.6	53.2	5.8												
70.0				16.1	52.4	6.1	25.7	61.7	7.7	35.1	68.9	8.5			
74.0							15.5	50.7	7.1	00.4		7.0			
75.0										26.4	60.3	7.9	25.0	00.0	0.0
79.2 80.0										15.3	48.4	6.7	35.0 33.7	62.0 60.8	8.0 8.0
80.0 85.0										15.3	40.4	0.7	33.7 24.5	51.6	7.6
89.0													15.7	42.1	6.7



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		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]
				32.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (1 n ] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín				
18.6 20.0 22.0 24.0 26.0 27.1	78.0 76.8 75.0 73.3 71.5	101.9 101.6 101.1 100.5 99.8	12.3 12.1 11.5 11.1 10.7	73.0	100.1	10.8									
28.0 30.0 32.0 34.0	69.7 67.9 66.1 64.2	99.1 98.3 97.4 96.5	10.4 10.1 9.9 9.6	72.2 70.5 68.7 66.8	99.8 99.1 98.4 97.5	10.8 10.6 10.3 10.1									
36.0 38.0 40.0 40.4	62.3 60.4 58.4	95.5 94.3 93.1	9.5 9.2 9.0	65.0 63.1 61.2	96.6 95.6 94.5	9.8 9.6 9.4	65.0	95.6	9.7						
42.0 44.0 46.0 48.0 50.0	56.4 54.3 52.2 50.0 47.8	91.8 90.4 88.9 87.2 85.4	8.7 8.5 8.4 8.2 8.0	59.2 57.2 55.2 53.1 51.0	93.3 92.1 90.7 89.2 87.6	9.2 8.9 8.7 8.6 8.4	63.5 61.6 59.7 57.7 55.7	94.8 93.8 92.6 91.4 90.0	9.7 9.5 9.3 9.1 8.9						
55.0 56.0 60.0 65.0 70.0	34.9 26.5 16.2	73.8 65.2 53.7	7.5 7.1 6.4 5.3	38.9 31.5 22.0	77.4 70.1 59.9	7.9 7.5 7.0 6.4	50.4 44.6 38.2 30.6	86.2 81.5 75.7 68.2	8.5 8.0 7.6 7.2	55.0 50.7 45.0 38.6	87.5 84.3 79.7 74.0	8.6 8.4 8.1 7.7			
73.0 75.0 77.0 80.0 81.7				15.7	52.8	5.6	20.7 15.1	57.5 51.1	6.7 6.5	31.1 21.5	66.6 56.2	7.4	35.0	63.7	7.2
82.0 85.0 90.0 92.0										16.1	50.1	6.8	29.7 19.3 15.3	58.3 47.0 42.5	7.2 6.9 6.2



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de 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]
				32.0 r		eza de p	ıl, Punto lumín (19 n ] Posici	916-1) 7	1.5 m Pli	eza de p umín	lumín				
19.2	78.0	104.9	11.0												
20.0	77.3	104.7	11.0												
22.0	75.7	104.2	10.5												
24.0	74.0	103.6	10.1												
26.0	72.3	103.0	9.8												
28.0	70.6	102.3	9.5	73.0	103.0	9.7									
30.0	68.9	101.6	9.3	71.3	102.3	9.6									
32.0	67.1	100.7	9.0	69.6	101.6	9.4									
34.0	65.4	99.8	8.8	67.9	100.8	9.2									
36.0	63.6	98.8	8.6	66.1	99.9	8.9									
38.0	61.7	97.8	8.5	64.3	99.0	8.7									
40.0	59.9	96.6	8.3	62.5	97.9	8.6									
41.7							65.0	98.3	8.7						
42.0	58.0	95.4	8.1	60.7	96.8	8.4	64.7	98.2	8.7						
44.0	56.1	94.1	7.9	58.8	95.6	8.2	62.9	97.2	8.6						
46.0	54.1	92.6	7.7	56.9	94.3	8.0	61.1	96.1	8.5						
48.0	52.1	91.1	7.6	54.9	93.0	7.9	59.2	94.9	8.3						
50.0	50.0	89.5	7.5	52.9	91.5	7.7	57.3	93.6	8.1						
55.0	44.4	84.7	7.1	47.6	87.2	7.4	52.4	90.0	7.8	0	20.0				
57.7	00.0	70.0	0.7	44.0	00.4	- 4	47.0	05.7	7.5	55.0	89.9	7.7			
60.0	38.3	78.9	6.7	41.9	82.1	7.1	47.0	85.7	7.5	52.7	88.2	7.7			
65.0	31.1 21.9	71.5 61.2	6.3	35.3 27.5	75.7	6.8 6.2	41.2	80.4 73.9	7.2 6.9	47.4	83.9 78.7	7.4 7.1			
70.0 73.0	21.9 15.9	54.1	5.6 4.8	27.5	67.3	6.2	34.5	73.9	6.9	41.6	/8./	7.1			
	15.9	54.1	4.0	16.5	54.5	5.6	26.5	65.2	6.5	35.0	72.2	6.9			
75.0 76.0				15.4	53.2	5.6	20.5	00.2	0.5	35.0	12.2	0.9			
80.0				13.4	55.2	J. I	16.7	53.8	5.5	27.0	63.7	6.6			
84.1							10.7	33.0	0.0	21.0	03.1	0.0	35.0	65.5	6.5
85.0										15.8	50.5	6.3	33.7	64.1	6.5
90.0										15.0	30.3	0.0	25.4	55.1	6.5
94.0													16.1	44.2	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 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]
				32.0	m Pluma Cab	eza de p	al, Punto olumín (1 n ] Posici	916-1) 7	4.5 m Pl	eza de p umín	lumín				
19.8 20.0 22.0 24.0 26.0	78.0 77.9 76.3 74.7 73.1	107.8 107.8 107.3 106.8 106.2	10.0 10.0 9.7 9.2 9.0			_									
28.0 28.9 30.0 32.0 34.0	71.4 69.8 68.1 66.4	105.5 104.8 104.0 103.1	8.5 8.3 8.1	73.0 72.1 70.5 68.8	105.8 105.5 104.8 104.0	8.8 8.8 8.6 8.4									
36.0 38.0 40.0 42.0 43.0	64.7 63.0 61.2 59.4	102.2 101.2 100.1 98.9	7.9 7.8 7.6 7.5	67.1 65.4 63.7 62.0	103.2 102.3 101.3 100.3	8.2 8.0 7.8 7.7	65.0	101.1	7.9						
44.0 46.0 48.0 50.0 55.0	57.6 55.8 53.9 51.9 46.8	97.7 96.3 94.9 93.4 89.0	7.3 7.2 7.1 7.0 6.7	60.2 58.4 56.5 54.7 49.7	99.1 97.9 96.6 95.2 91.2	7.6 7.4 7.3 7.2 6.9	64.1 62.4 60.6 58.8 54.1	100.5 99.5 98.4 97.2 93.8	7.9 7.8 7.6 7.5 7.2						
59.4 60.0 65.0 70.0 75.0	41.1 34.8 27.2 16.6	83.7 77.1 68.6 55.8	6.4 6.2 5.6 4.9	44.4 38.5 31.7 23.2	86.5 80.7 73.4 63.6	6.7 6.5 6.1 5.5	49.2 43.8 37.8 30.9	89.8 84.9 79.0 71.5	6.9 6.7 6.6 6.3	55.0 54.4 49.5 44.1 38.2	92.4 91.9 87.9 83.2 77.3	7.0 7.0 6.8 6.6 6.5			
76.0 79.0 80.0 83.0 85.0	15.5	54.5	4.4	15.0	53.6	4.7	22.1 16.4	61.2 54.2	5.8 5.2	31.3 22.7	69.9 59.9	6.3			
86.6 88.0 90.0 95.0 97.0										15.4	50.9	5.8	35.0 30.0 20.8 15.8	67.2 61.7 50.9 44.6	6.0 6.0 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 orincipa			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]
				32.0		eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.4 22.0 24.0 26.0 28.0	78.0 76.8 75.3 73.7 72.2	110.8 110.4 109.9 109.3 108.7	9.0 8.9 8.4 8.2 7.9												
29.8 30.0 32.0 34.0 36.0	70.6 69.0 67.4 65.8	108.0 107.2 106.4 105.5	7.7 7.5 7.3 7.1	73.0 72.8 71.3 69.7 68.1	108.7 108.6 108.0 107.2 106.4	7.9 7.9 7.8 7.6 7.4									
38.0 40.0 42.0 44.0	64.1 62.5 60.8 59.0	104.6 103.5 102.4 101.2	7.0 6.9 6.7 6.6	66.5 64.8 63.2 61.5	105.6 104.7 103.7 102.6	7.2 7.1 6.9 6.8	05.0	400.0	7.0						
44.2 46.0 48.0 50.0 55.0 60.0	57.3 55.5 53.6 48.8 43.7	100.0 98.6 97.1 93.0 88.2	6.4 6.3 6.2 6.0 5.7	59.8 58.0 56.2 51.6 46.7	101.4 100.2 98.9 95.2 90.7	6.6 6.5 6.4 6.1 5.9	65.0 63.5 61.9 60.2 55.7 51.1	103.8 102.9 101.8 100.7 97.5 93.7	7.0 7.0 6.8 6.7 6.4 6.1						
61.1 65.0 70.0 75.0 79.0	37.9 31.3 23.0 15.2	82.2 74.8 64.9 54.9	5.5 5.2 4.7 3.9	41.3 35.2 28.0	85.5 79.0 70.7	5.7 5.5 5.1	46.1 40.6 34.5	89.2 83.8 77.2	5.9 5.8 5.6	55.0 51.4 46.4 41.0	94.8 91.9 87.4 82.1	6.1 6.0 5.8 5.7			
80.0 81.0 85.0 86.0 89.0				18.4 15.8	58.7 55.3	4.7 4.6	27.1 17.0 16.0	68.6 55.9 54.6	5.4 5.1 4.7	34.9 27.6	75.5 67.1	5.5 5.4	35.0	68.9	5.2
90.0 91.0 95.0 100.0										17.8 15.1	54.8 51.3	5.3 5.3	33.7 26.1 15.5	67.4 58.6 45.0	5.2 5.2 5.0



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

		gulo de orincipal		83° Án I	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				32.0	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
21.1	78.0	113.7	8.2												
22.0	77.3	113.5	8.2												
24.0	75.8	113.0	7.8												
26.0	74.4	112.4	7.5												
28.0	72.9	111.8	7.2												
30.0	71.4	111.2	7.0												
30.7				73.0	111.6	7.2									
32.0	69.8	110.4	6.9	72.0	111.1	7.1									
34.0	68.3	109.6	6.7	70.5	110.4	7.0									
36.0	66.7	108.8	6.5	68.9	109.7	6.8									
38.0	65.2	107.9	6.3	67.4	108.9	6.6									
40.0	63.6	106.9	6.2	65.8	108.0	6.4									
42.0	62.0	105.9	6.1	64.2	107.0	6.3									
44.0	60.3	104.7	5.9	62.6	106.0	6.1	05.0	400.5	6.3						
45.5 46.0	58.7	103.5	5.8	61.0	104.9	6.0	65.0 64.6	106.5 106.3	6.3						
48.0	56.7 57.0	103.5	5.6 5.7	59.4	104.9	5.9	63.0	105.3	6.2						
50.0	55.2	102.2	5.6	59.4 57.7	103.7	5.8	61.4	103.2	6.1						
55.0	50.7	97.0	5.4	53.3	99.0	5.5	57.2	101.1	5.8						
60.0	45.9	92.5	5.1	48.7	94.8	5.3	52.8	97.6	5.5						
62.8										55.0	97.3	5.4			
65.0	40.6	87.0	5.0	43.7	89.9	5.1	48.1	93.4	5.3	53.1	95.7	5.4			
70.0	34.7	80.4	4.8	38.2	84.1	4.9	43.1	88.4	5.1	48.4	91.5	5.2			
75.0	27.7	72.0	4.5	31.9	76.8	4.7	37.5	82.3	5.0	43.4	86.6	5.0			
80.0	18.4	60.0	4.1	24.1	67.1	4.5	31.1	74.9	4.8	37.9	80.6	4.9			
81.0	15.9	56.6	4.0												
84.0				15.5	55.7	4.2									
85.0							23.1	64.9	4.7	31.5	73.3	4.8			
89.0							15.7	55.0	4.3						
90.0										23.7	63.5	4.8			
91.5										40.5	540	4.0	35.0	70.6	4.5
94.0										16.5	54.0	4.3	20.2	65.0	4.5
95.0 100.0													30.3 22.0	54.6	4.5 4.5
100.0													15.2	45.4	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 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]
				32.0	m Pluma Cab	eza de p	al, Punto olumín (1 n ] Posici	916-1) 8	3.5 m Pl		lumín				
21.7	78.0	116.6	7.3												
22.0	77.8	116.6	7.3												
24.0	76.4	116.1	7.1												
26.0	74.9	115.5	6.8												
28.0	73.5	115.0	6.6	-											
30.0	72.1	114.3	6.4	72.0	114.4	6.5	ł								
31.5 32.0	70.6	113.6	6.3	73.0 72.7	114.4	6.5	l						ł		
34.0	69.1	112.9	6.1	71.2	113.6	6.4									
36.0	67.6	112.1	5.9	69.7	112.9	6.2									
38.0	66.1	111.2	5.8	68.3	112.1	6.0									
40.0	64.6	110.3	5.7	66.8	111.3	5.9									
42.0	63.1	109.2	5.5	65.2	110.4	5.7									
44.0	61.5	108.2	5.4	63.7	109.4	5.6									
46.0	59.9	107.0	5.3	62.2	108.3	5.5									
46.8	50.0	405.0	5.0	00.0	407.0	- 1	65.0	109.2	5.6						
48.0 50.0	58.3 56.6	105.8 104.5	5.2 5.1	60.6 59.0	107.2 106.0	5.4 5.2	64.1 62.5	108.6 107.6	5.6 5.5						
55.0	52.4	104.5	4.8	59.0 54.8	100.0	5.2	58.5	107.6	5.2				ł		
60.0	47.9	96.6	4.6	50.5	98.8	4.8	54.4	101.3	5.0						
64.6		00.0	1.0	00.0	00.0		<u> </u>	.01.0	0.0	55.0	99.7	4.8			
65.0	43.0	91.6	4.4	45.8	94.2	4.5	50.0	97.4	4.8	54.6	99.4	4.8			
70.0	37.6	85.6	4.2	40.7	88.8	4.4	45.3	92.7	4.6	50.3	95.5	4.7			
75.0	31.5	78.2	4.0	35.1	82.3	4.2	40.2	87.2	4.4	45.6	90.9	4.5			
80.0	23.9	68.4	3.7	28.4	74.0	4.0	34.4	80.5	4.3	40.5	85.5	4.4			
84.0	15.6	57.0	3.5	40.0		0.0	07.0	700			70.0	4.0			
85.0 87.0				19.9 15.2	62.6 56.1	3.8 3.7	27.6	72.0	4.1	34.8	78.8	4.2			
90.0				15.2	30.1	3.1	18.7	60.0	4.0	28.1	70.5	4.2	l		
92.0							15.4	55.4	3.5	20.1	70.5	7.2	1		
93.9									0.0				35.0	72.3	4.0
95.0										19.4	58.8	4.1	33.7	70.8	4.0
97.0				I						16.2	54.4	3.6			
100.0													26.8	62.0	3.9
105.0													17.4	49.4	3.9
106.0													16.5	48.1	3.5



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 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]
				32.0 ı		eza de p	ıl, Punto lumín (1 ı ] Posici	916-1) 8	6.5 m Pli	eza de p umín	lumín				
22.3	78.0	119.6	6.7												
24.0	76.9	119.2	6.5												
26.0	75.5	118.7	6.3												
28.0	74.1	118.1	6.1												
30.0	72.7	117.5	5.9												
32.0	71.3	116.8	5.8												
32.4				73.0	117.3	5.9									
34.0	69.9	116.1	5.6	71.9	116.8	5.8									
36.0	68.5	115.3	5.5	70.5	116.1	5.7									
38.0	67.0	114.5	5.3	69.1	115.3	5.5									
40.0	65.6	113.6	5.2	67.6	114.5	5.4									
42.0	64.1	112.6	5.1	66.2	113.7	5.3									
44.0	62.6	111.6	5.0	64.7	112.7	5.1									
46.0	61.1	110.5	4.9	63.2	111.7	5.0									
48.0	59.5	109.3	4.8	61.7	110.7	4.9	65.0	111.9	5.1						
50.0	58.0	108.1	4.7	60.2	109.5	4.8	63.5	111.0	5.1						
55.0	53.9	104.6	4.4	56.2	106.4	4.6	59.8	108.2	4.8						
60.0	49.7	100.6	4.2	52.1	102.7	4.4	55.8	105.0	4.6						
65.0	45.1	96.0	4.0	47.7	98.4	4.1	51.6	101.3	4.4	0	400.0	4.0			
66.3	40.0	00.4	0.0	40.0	00.4	2.0	47.0	00.0	4.0	55.0	102.2	4.3			
70.0	40.2 34.6	90.4	3.8	43.0	93.4 87.4	3.9	47.2 42.5	96.9 91.8	4.2	51.9 47.5	99.4 95.1	4.3			
75.0	28.2	83.8 75.4	3.6 3.4	37.8 32.0	87.4 80.1	3.7 3.6	42.5 37.2	91.8 85.7	4.0 3.8	47.5 42.8	95.1 90.0	4.1 3.9			
80.0 85.0	28.2 19.8	75.4 63.9	3.4	32.0 24.9	70.7	3.6	31.3	78.2	3.8	42.8 37.6	90.0 84.0	3.9			
87.0	15.4	57.4	3.2 3.1	24.9	70.7	3.4	31.3	10.2	3.1	31.0	04.0	3.0			
90.0	13.4	31.4	J. I	16.5	58.8	2.8	24.0	68.4	3.5	31.7	76.6	3.7			
95.0				10.5	50.0	2.0	15.1	55.8	2.9	24.5	67.0	3.6			
95.0 96.4							13.1	33.0	2.9	24.5	07.0	3.0	35.0	74.1	3.5
100.0										15.9	54.9	3.0	30.5	68.4	3.4
105.0											0	0.0	23.0	58.2	3.4
109.0													16.2	48.5	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]
				32.0	m Pluma Cab	eza de p	al, Punto Jumín (1 n I Posici	916-1) 8	9.5 m Pl		lumín				
22.9	78.0	122.5	5.9	ı		10.0[11	1 1 1 00101		(1010)	ı		l			l
24.0	77.3	122.2	5.8	i						i					
26.0	76.0	121.8	5.6	i											
28.0	74.6	121.2	5.4	i						i					
30.0	73.3	120.6	5.3	i						İ					
32.0	72.0	120.0	5.1												
33.3				73.0	120.2	5.2									
34.0	70.6	119.3	4.9	72.5	120.0	5.2									
36.0	69.2	118.5	4.8	71.2	119.3	5.0									
38.0	67.8	117.7	4.7	69.8	118.6	4.9									
40.0	66.4	116.9	4.5	68.4	117.8	4.8									
42.0	65.0	115.9	4.4	67.0	116.9	4.6									
44.0	63.6	115.0	4.3	65.6	116.0	4.5									
46.0	62.1	113.9	4.2	64.2	115.1	4.4									
48.0	60.7	112.8	4.1	62.7	114.1	4.3									
49.3							65.0	114.6	4.4						
50.0	59.2	111.6	4.0	61.3	113.0	4.2	64.5	114.3	4.4						
55.0	55.3	108.3	3.8	57.5	110.0	3.9	60.9	111.7	4.1						
60.0	51.3 47.0	104.6	3.6 3.4	53.6	106.5	3.7 3.5	57.1	108.6	3.9 3.7						
65.0 68.0	47.0	100.2	3.4	49.5	102.4	3.5	53.2	105.1	3.7	55.0	104.7	3.7			
70.0	42.4	95.0	3.2	45.1	97.7	3.3	49.0	101.0	3.5	53.4	104.7	3.6			
75.0	37.4	88.9	3.0	40.3	92.2	3.2	44.6	96.2	3.4	49.3	99.1	3.5			
80.0	31.6	81.5	2.9	35.0	85.6	3.0	39.7	90.6	3.2	44.8	94.4	3.3			
85.0	24.7	72.0	2.7	28.8	77.4	2.9	34.3	83.8	3.1	40.0	88.8	3.2			
90.0	15.1	57.8	2.5	21.1	66.4	2.7	28.1	75.4	2.9	34.7	82.2	3.1			
93.0				16.2	59.2	2.2						• • • • • • • • • • • • • • • • • • • •			
95.0							20.1	64.0	2.8	28.5	73.9	3.0			
97.0							15.8	57.6	2.7						
98.9													35.0	75.8	2.9
100.0										20.6	62.7	2.9	33.7	74.1	2.9
103.0										15.6	55.3	2.4			
105.0													27.3	65.4	2.8
110.0													18.9	53.4	2.8
112.0													15.9	48.9	2.4



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

	88° Án	gulo de principa	pluma I		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]
				32.0 ı			II, Punto Iumín (1			eza de p umín	lumín		_		
							ı] Posici								
23.6	78.0	125.4	5.2												
24.0	77.7	125.3	5.2												
26.0	76.4	124.9	5.0												
28.0	75.2	124.3	4.9												
30.0	73.9	123.8	4.7												
32.0	72.6	123.1	4.5												
34.0	71.2	122.5	4.4												
34.2				73.0	123.1	4.5									
36.0	69.9	121.8	4.3	71.8	122.5	4.5									
38.0	68.6	121.0	4.2	70.5	121.8	4.3									
40.0	67.2	120.1	4.0	69.2	121.0	4.2									
42.0 44.0	65.9 64.5	119.3 118.3	3.9 3.8	67.8 66.5	120.2 119.3	4.1 4.0									
46.0	63.1	117.3	3.6	65.1	118.4	3.8									
48.0	61.7	116.2	3.6	63.7	117.4	3.7									
50.0	60.3	115.1	3.5	62.3	116.4	3.7									
50.6	00.5	110.1	0.0	02.5	110.4	5.7	65.0	117.4	3.8						
55.0	56.6	112.0	3.3	58.7	113.5	3.4	61.9	115.1	3.6						
60.0	52.8	108.4	3.1	55.0	110.2	3.2	58.3	112.2	3.4						
65.0	48.7	104.2	2.9	51.1	106.4	3.0	54.6	108.8	3.2						
69.7										55.0	107.1	3.1			
70.0	44.4	99.4	2.7	46.9	101.9	2.9	50.6	104.9	3.0	54.8	106.9	3.1			
75.0	39.8	93.8	2.6	42.5	96.8	2.7	46.4	100.4	2.9	50.9	103.1	3.0			
80.0	34.6	87.1	2.5	37.6	90.7	2.6	41.9	95.2	2.7	46.7	98.6	2.8			
85.0				32.1	83.4	2.4	37.0	89.0	2.6	42.2	93.4	2.7			
90.0							31.4	81.5	2.5	37.3	87.3	2.6			
95.0							24.7	72.0	2.3	31.8	79.9	2.5			
100.0										25.2	70.5	2.4			
101.3													35.0	77.5	2.4
105.0													30.7	71.7	2.3



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

		gulo de 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]
				32.0	m Pluma Cab	eza de p	al, Punto dumín (19 n ] Posici	916-1) 9	5.5 m Plı	eza de p umín	lumín		-		
24.2	78.0	128.4	4.8												
26.0	76.9	127.9	4.7												
28.0	75.6	127.4	4.5												
30.0	74.4	126.9	4.4												
32.0	73.1	126.3	4.3												
34.0	71.9	125.6	4.1												
35.0				73.0	125.9	4.2									
36.0	70.6	124.9	4.0	72.4	125.6	4.2									
38.0	69.3	124.2	3.9	71.1	124.9	4.0									
40.0	68.0	123.4	3.8	69.8	124.2	3.9									
42.0	66.7	122.5	3.6	68.5	123.4	3.8									
44.0	65.4	121.6	3.5	67.2	122.6	3.7									
46.0	64.0	120.7	3.4	65.9	121.7	3.6									
48.0	62.7	119.7	3.4	64.6	120.8	3.5									
50.0	61.3	118.6	3.3	63.2	119.8	3.4									
51.8							65.0	120.1	3.5						
55.0	57.8	115.6	3.0	59.8	117.0	3.2	62.9	118.5	3.4						
60.0	54.1	112.1	2.8	56.2	113.8	2.9	59.4	115.7	3.2						
65.0	50.3	108.2	2.6	52.5	110.2	2.7	55.8	112.5	2.9						
70.0	46.3	103.7	2.3	48.6	106.0	2.5	52.1	108.8	2.7						
71.4										55.0	109.6	2.8			
75.0							48.1	104.5	2.5	52.3	106.9	2.7			
80.0										48.4	102.7	2.5			



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				35.0	m Pluma Cab	eza de p	al, Punto dumín (2 n ] Posici	316-1) 3	8.5 m Pl	eza de p umín	lumín		_		
12.4 13.0 14.0 16.0 18.0	78.0 77.1 75.5 72.4 69.2	75.6 75.5 75.2 74.6 73.9	64.0 64.0 60.0 50.3 42.9												
18.7 20.0 22.0 24.0 26.0	66.0 62.7 59.3 55.7	73.9 73.0 72.0 70.9 69.5	36.2 31.3 27.9 25.0	73.0 71.0 67.8 64.5 61.2	74.4 74.0 73.2 72.3 71.2	53.5 52.3 47.8 41.1 36.2									
28.0 28.5 30.0 32.0 34.0	52.0 48.0 43.8 39.3	68.0 66.3 64.3 62.0	22.7 21.0 19.5 18.2	57.7 54.0 50.2 46.2	70.0 68.6 67.0 65.1	32.2 29.0 26.5 24.3	65.0 62.6 59.2 55.6	71.3 70.6 69.4 68.1	30.1 34.5 32.4 30.4						
36.0 38.0 40.0 41.0 42.0	34.2 28.3 20.9 16.0	59.2 55.8 51.3 48.2	17.1 16.2 15.2 14.8	41.8 37.1 31.7 25.3	63.0 60.5 57.5 53.7	22.3 20.6 19.3	51.9 48.0 43.8 39.2	66.6 64.9 62.9 60.6	28.7 27.2 25.6 24.3	55.0 51.5	65.6 64.2	23.2			
44.0 46.0 48.0 49.0 50.0				16.6	48.2	16.7	34.1 28.2 20.8 15.8	57.8 54.4 49.8 46.6	23.2 22.0 20.8 20.2	47.5 43.3 38.7 33.5	62.4 60.4 58.0 55.2	22.2 21.1 20.2			
55.0 59.2 60.0 65.0										16.5	44.8	15.1	35.0 33.5 16.4	48.6 47.8 37.4	13.1 13.7 11.5



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]
				35.0		eza de p	al, Punto dumín (2: n] Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín				
13.0	78.0	78.5	57.3												
14.0	76.6	78.3	56.9												
16.0	73.7	77.7	49.8												
18.0	70.8	77.1	41.7												
19.6				73.0	77.3	48.8									
20.0	67.9	76.3	36.0	72.4	77.1	48.7									
22.0	64.8	75.4	30.8	69.5	76.4	45.8									
24.0	61.7	74.3	27.1	66.5	75.6	41.5									
26.0	58.5	73.2	24.5	63.4	74.6	36.2									
28.0	55.2	71.8	22.3	60.3	73.5	32.5									
29.8							65.0	74.0	33.2						
30.0	51.7	70.3	20.6	57.0	72.2	29.1	64.8	74.0	33.2						
32.0	48.0	68.6	19.2	53.6	70.8	26.4	61.6	72.9	31.7						
34.0	44.2	66.6	17.8	50.1	69.2	24.3	58.4	71.7	29.9						
36.0	40.0	64.3	16.7	46.3	67.4	22.3	55.1	70.4	28.0						
38.0	35.4	61.6	15.7	42.3	65.3	20.6	51.6	68.9	26.5						
40.0	30.2	58.4	14.9	38.0	62.8	19.1	48.0	67.1	25.2						
41.7										55.0	68.1	21.6			
42.0	23.9	54.4	14.1	33.1	60.0	17.9	44.1	65.1	23.8	54.8	68.0	22.7			
44.0	15.4	48.6	13.2	27.5	56.4	16.7	39.9	62.9	22.7	51.3	66.4	21.7			
46.0				20.5	51.8	15.6	35.3	60.2	21.7	47.6	64.7	20.6			
47.0				15.9	48.6	15.0	00.4		00.0	40.7	20.0	40.7			
48.0							30.1	57.0	20.6	43.7	62.6	19.7			
50.0							23.8	52.9	19.5	39.4	60.3	19.0			
52.0							15.2	47.0	18.3	00.5	50.4	47.4			
55.0										26.5	52.4	17.4			
58.0										15.9	45.2	15.0	25.0	50.4	12.1
61.7 65.0													35.0 26.4	50.4 45.0	12.1 12.0
68.0														45.0 37.8	12.0
0.80													15.8	37.8	10.5



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]
				35.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 4	4.5 m Pli	eza de p umín	lumín				
13.6	78.0	81.5	52.0												
14.0	77.5	81.4	52.0												
16.0	74.9	80.9	48.0												
18.0	72.2	80.2	41.6												
20.0	69.4	79.5	35.9	70.0	00.4	45.0									
20.5 22.0	66.6	78.7	30.9	73.0 70.9	80.1 79.6	45.2 44.3									
24.0	63.8	78.7	26.8	68.2	79.6 78.8	44.3									
26.0	60.9	76.7	24.0	65.4	78.0	36.9									
28.0	57.8	75.4	22.0	62.5	76.9	32.9									
30.0	54.7	74.1	20.3	59.5	75.8	29.7									
31.1							65.0	76.8	31.3						
32.0	51.5	72.5	18.9	56.4	74.5	26.8	63.7	76.3	31.3						
34.0	48.1	70.8	17.7	53.3	73.1	24.4	60.8	75.2	29.4						
36.0	44.4	68.8	16.5	49.9	71.4	22.6	57.8	74.0	27.8						
38.0	40.6	66.6	15.5	46.5	69.6	20.8	54.7	72.6	26.2						
40.0	36.4	64.0	14.6	42.7	67.5	19.2	51.4	71.1	24.9						
42.0	31.7	61.0	13.9	38.7	65.2	17.9	48.0	69.4	23.7						
43.5			40.4	04.0	00.4	40.7			00.5	55.0	70.5	20.3			
44.0	26.2 19.4	57.2 52.3	13.1 12.4	34.3 29.4	62.4 59.1	16.7	44.4 40.5	67.4 65.1	22.5	54.3 51.1	70.2 68.7	21.5 20.5			
46.0 47.0	19.4	52.3 50.2	12.4	29.4	59.1	15.7	40.5	65.1	21.4	51.1	68.7	20.5			
47.0 48.0	10.5	50.2	11.3	23.4	54.9	14.7	36.3	62.6	20.5	47.6	66.9	19.4	i		
50.0				15.4	49.0	13.7	31.6	59.5	19.5	44.0	64.9	18.7			
55.0				10.4	40.0	10.7	16.3	48.6	15.1	33.5	58.5	17.2			
60.0										18.4	47.9	15.6			
61.0										15.3	45.6	14.1			
64.1													35.0	52.1	11.3
65.0													33.5	51.1	11.9
70.0													18.3	40.5	10.4
71.0													15.2	38.1	9.8



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

	88° Án	gulo de orincipa	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]
				35.0 i		eza de p	II, Punto Ilumín (2: I Posici	316-1) 4	7.5 m Pl		lumín				
14.3	78.0	84.4	47.4												
16.0	75.8	84.0	46.0												
18.0	73.3	83.4	41.3												
20.0	70.8	82.7	34.8												
21.4				73.0	83.0	41.8									
22.0	68.2	82.0	30.5	72.2	82.8	41.7									
24.0	65.6	81.1	26.6	69.6	82.1	39.6									
26.0	62.9	80.1	23.6	67.0	81.2	36.9									
28.0	60.1	79.0	21.6	64.4	80.3	32.8									
30.0	57.3	77.7	19.9	61.6	79.3	29.9									
32.0	54.3	76.3	18.4	58.8	78.1	27.0				ł					
32.3	-10		47.0		70.0	04.5	65.0	79.5	28.9						
34.0 36.0	51.3 48.1	74.8 73.0	17.2 16.1	55.9 53.0	76.8 75.3	24.5 22.4	62.8 60.0	78.7 77.5	28.8 27.0	ł					
38.0	44.7	73.0	15.1	49.8	73.7	20.7	57.2	77.5 76.3	25.6						
40.0	41.1	68.9	14.1	46.6	71.8	19.2	54.3	74.9	24.2						
42.0	37.2	66.4	13.3	43.1	69.8	17.8	51.2	73.3	23.1						
44.0	33.0	63.4	12.6	39.4	67.5	16.5	48.0	71.6	22.0	i					
45.2	00.0	00.4	12.0	00.4	01.0	10.0	40.0	7 1.0	22.0	55.0	73.0	19.0	i		
46.0	28.1	60.0	12.0	35.4	64.8	15.5	44.6	69.6	21.0	54.0	72.5	20.0			
48.0	22.3	55.6	11.4	30.9	61.6	14.6	41.0	67.4	20.0	50.9	70.9	19.0			
50.0	15.9	50.6	10.0	25.7	57.8	13.7	37.2	64.9	19.2	47.7	69.1	18.1			
53.0				16.4	50.6	11.7				i			i		
55.0							25.3	56.4	16.8	38.7	63.7	16.4			
58.0							15.8	49.0	14.7						
60.0										27.5	55.8	15.1			
63.0										17.8	48.4	14.2			
66.6													35.0	53.8	10.5
70.0													27.4	48.4	10.1
73.0													17.7	40.9	9.3



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		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]
				35.0 ו	m Pluma Cab	eza de p	al, Punto Jumín (2 n] Posici	316-1) 5	0.5 m Pl		lumín		-		
14.9 16.0 18.0 20.0 22.0	78.0 76.7 74.3 72.0 69.6	87.3 87.1 86.5 85.9 85.2	44.0 43.9 40.0 34.7 30.0	73.0	85.9 85.3	39.3									
24.0 26.0 28.0 30.0 32.0	67.1 64.6 62.1 59.4	84.4 83.4 82.4 81.3 80.0	26.5 23.6 21.4 19.7 18.2	70.9 68.5 66.0 63.5 60.9	85.3 84.5 83.6 82.7 81.6	38.7 36.2 33.2 30.0 27.6									
33.6 34.0 36.0 38.0	54.0 51.1 48.1	78.6 77.0 75.3	16.9 15.9 14.9	58.2 55.5 52.7	80.4 79.0 77.6	24.9 22.7 20.8	65.0 64.6 62.0 59.4	82.2 82.0 81.0 79.8	27.9 27.9 26.8 25.3						
40.0 42.0 44.0 46.0 46.9	44.9 41.6 38.0 34.0	73.3 71.1 68.7 65.9	13.9 13.1 12.3 11.7	49.7 46.7 43.4 40.0	75.9 74.1 72.0 69.8	19.3 17.9 16.6 15.5	56.7 53.9 51.0 48.0	78.6 77.1 75.6 73.8	24.0 22.7 21.7 20.8	55.0	75.4	17.9			
48.0 50.0 53.0 55.0	29.7 24.6 15.4	62.6 58.6 51.0	11.1 10.5 8.9	36.2 32.1 18.5	67.1 64.1 53.3	14.5 13.7 11.7	44.8 41.5 31.8	71.9 69.7 62.8	19.8 18.9 16.9	53.6 50.7 42.9	74.7 73.1 68.3	18.8 17.8			
56.0 60.0 61.0 65.0 66.0				15.9	51.0	10.6	18.0 15.3	51.8 49.4	14.6 13.5	33.5 20.8 17.2	61.8 51.8 48.8	14.7 13.4 13.2			
69.0 70.0 75.0 76.0													35.0 33.5 21.8 18.4	55.5 54.4 45.3 42.4	9.8 9.8 8.5 8.3



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]
				35.0		eza de p	ıl, Punto lumín (2: ı l Posici	316-1) 5	3.5 m Pli	eza de p umín	lumín				
<b>L</b>						31.0[11	i j Posici	Jii iiilula	11 (2310)						
15.5 16.0	78.0 77.5	90.3 90.2	39.7 39.7												
18.0	75.2	89.7	37.8												
20.0	73.0	89.1	34.3												
22.0	70.8	88.4	29.2												
23.1	70.0	00.4	20.2	73.0	88.7	35.5									
24.0	68.5	87.6	25.9	72.0	88.4	35.4									
26.0	66.1	86.8	23.2	69.7	87.7	34.1									
28.0	63.8	85.8	21.0	67.4	86.9	32.8									
30.0	61.3	84.7	19.3	65.1	86.0	29.7									
32.0	58.8	83.6	17.8	62.7	85.0	27.2									
34.0	56.3	82.3	16.5	60.2	83.9	25.1									
34.9							65.0	84.9	26.2						
36.0	53.6	80.8	15.4	57.7	82.7	22.7	63.7	84.4	26.2						
38.0	50.9	79.2	14.5	55.1	81.3	20.7	61.3	83.3	24.7						
40.0	48.1	77.5	13.6	52.4	79.8	19.0	58.8	82.1	23.5						
42.0	45.1	75.6	12.8	49.7	78.2	17.7	56.2	80.8	22.2						
44.0	42.0	73.4	12.0	46.8	76.3	16.4	53.6	79.4	21.1						
46.0	38.6	71.0	11.3	43.7	74.3	15.2	50.9	77.8	20.2						
48.0	35.0	68.3	10.7	40.5	72.0	14.2	48.0	76.1	19.3		77.0	40.7			
48.6	31.0	05.4	40.0	07.0	00.5	40.0	45.0	74.1	40.4	55.0	77.9 77.0	16.7			
50.0 55.0	17.6	65.1 53.7	10.2 8.9	37.0 26.7	69.5 61.3	13.3 11.5	45.0 36.8	74.1 68.2	18.4 16.6	53.3 46.2	77.0 72.6	17.4 15.7			
55.0 59.0	17.0	53.7	6.9	26.7 15.4	51.4	9.3	30.0	00.2	10.0	40.2	12.0	15.7			
60.0				13.4	J1. <del>4</del>	9.5	26.3	59.9	14.5	38.2	67.0	14.2			
63.0							17.5	52.2	13.2	JU.2	01.0	17.4			
65.0							17.0	02.2	10.2	28.2	59.2	13.0			
69.0				Ī						16.7	49.2	12.1			
71.5				Ī							-		35.0	57.3	9.0
75.0													28.2	51.8	8.2
79.0													17.9	42.9	7.3



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]
				35.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	6.5 m Pl	eza de p umín	lumín				
16.1	78.0	93.2	36.6												
18.0	76.0	92.8	36.1												
20.0	73.9	92.2	33.8												
22.0	71.8	91.6	29.2												
24.0	69.7	90.8	25.4	73.0	91.6	32.7									
26.0	67.5	90.0	22.9	70.8	90.9	32.2									
28.0	65.2	89.1	20.8	68.7	90.2	31.3									
30.0	63.0	88.1	19.1	66.5	89.3	29.7									
32.0	60.7	87.0	17.7	64.2	88.4	27.2									
34.0	58.3	85.8	16.4	61.9	87.3	25.2									
36.0	55.9	84.5	15.3	59.6	86.2	23.1									
36.1	- ·	00.4	440		040	04.0	65.0	87.6	24.5						
38.0	53.4 50.8	83.1 81.5	14.3 13.4	57.2 54.8	84.9 83.6	21.0	62.9	86.7 85.6	24.5 23.1						
40.0 42.0	48.1	79.7	12.6	52.2	82.0	19.2 17.7	60.6 58.3	84.4	23.1						
44.0	45.3	77.8	11.9	49.6	80.4	16.4	55.8	83.1	20.9						
46.0	42.3	75.7	11.9	46.8	78.6	15.3	53.3	81.6	19.8						
48.0	39.2	73.7	10.5	44.0	76.6	14.2	50.7	80.1	19.0						
50.0	35.8	70.6	9.9	40.9	74.3	13.3	48.0	78.3	18.2						
50.3	00.0		0.0	10.0		10.0	10.0	7 0.0		55.0	80.4	15.7			
55.0	25.7	62.1	8.8	32.3	67.5	11.4	40.7	73.1	16.3	49.1	76.7	15.4			
58.0	17.1	54.2	8.1										1		
60.0				20.7	57.2	9.7	32.0	66.2	14.6	41.9	71.7	13.9			
61.0				17.5	54.2	9.4									
65.0							20.3	55.7	12.5	33.5	65.1	12.8			
66.0							17.0	52.7	12.1						
70.0										22.5	55.5	11.8			
72.0										16.2	49.7	11.3			
73.9													35.0	59.0	8.3
75.0													33.0	57.4	8.1
80.0													23.3	48.9	7.1
82.0													17.4	43.3	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 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]
				35.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 5	9.5 m Pl	eza de p umín	lumín				
16.8	78.0	96.1	33.6												
18.0	76.8	95.9	33.5												
20.0	74.8	95.3	31.9												
22.0	72.8	94.7	29.2												
24.0	70.7	94.0	25.2												
24.9				73.0	94.5	30.2									
26.0	68.7	93.3	22.5	71.9	94.1	30.1									
28.0	66.6	92.4	20.5	69.8	93.4	29.5									
30.0	64.5	91.5	18.7	67.7	92.6	28.9									
32.0	62.3	90.5	17.4	65.6	91.7	26.9									
34.0	60.1	89.4	16.1	63.5	90.7	24.9									
36.0	57.8	88.1	15.0	61.3	89.7	23.5									
37.4							65.0	90.4	23.1						
38.0	55.5	86.8	13.9	59.1	88.5	21.4	64.4	90.1	23.5						
40.0	53.1	85.3	13.0	56.8	87.2	19.5	62.2	89.1	22.8						
42.0	50.6	83.7	12.3	54.4	85.8	17.8	60.0	87.9	21.5						
44.0	48.1	82.0	11.6 10.9	52.0 49.5	84.3 82.6	16.4	57.8	86.7 85.4	20.6 19.5						
46.0 48.0	45.4 42.6	80.1 77.9	10.9	49.5 46.9	82.6 80.8	15.3 14.2	55.5 53.1	83.9	19.5						
50.0	39.7	77.9 75.6	9.6	46.9	78.8	13.3	50.6	82.3	17.8						
52.1	39.7	75.0	9.0	44.2	70.0	13.3	30.0	02.3	17.0	55.0	82.8	14.7			
55.0	31.2	68.5	8.5	36.7	72.8	11.2	44.0	77.6	15.9	51.6	80.7	15.1			
60.0	19.8	57.7	7.4	27.4	64.7	9.7	36.4	71.6	14.5	45.1	76.1	13.6			
61.0	16.7	54.6	7.2	21.4	04.7	3.1	30.4	71.0	14.5	43.1	70.1	10.0	i		
64.0		0		17.0	54.6	8.5									
65.0					01.0	0.0	27.2	63.3	12.6	37.7	70.4	12.4			
69.0							16.6	53.1	11.0						
70.0										28.8	62.6	11.4			
75.0										15.8	50.1	10.5			
76.4													35.0	60.7	7.4
80.0													29.4	55.8	6.7
85.0													16.9	43.8	5.7



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

		gulo de orincipa			gulo de orincipa		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]
				35.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín				
17.4 18.0 20.0 22.0 24.0	78.0 77.4 75.5 73.6 71.7	99.1 98.9 98.4 97.9 97.2	31.1 31.1 30.3 29.1 25.2			_									
25.7 26.0 28.0 30.0 32.0	69.7 67.8 65.8 63.7	96.5 95.7 94.8 93.9	22.3 20.3 18.5 17.1	73.0 72.8 70.8 68.9 66.9	97.3 97.3 96.6 95.8 95.0	28.2 28.2 27.9 27.4 26.6									
34.0 36.0 38.0 38.7 40.0	61.7 59.5 57.4	92.8 91.7 90.4 89.0	16.0 14.9 13.8	64.9 62.8 60.7 58.6	94.1 93.1 92.0 90.8	24.7 23.2 22.0	65.0 63.7	93.1 92.4	22.5 22.4						
42.0 44.0 46.0 48.0 50.0	55.2 52.9 50.5 48.1 45.6 42.9	87.6 86.0 84.2 82.3 80.2	12.9 12.1 11.4 10.7 10.1 9.5	56.4 54.1 51.8 49.4 47.0	89.5 88.1 86.5 84.9 83.0	18.2 16.7 15.5 14.4 13.4	61.6 59.5 57.3 55.1 52.8	91.4 90.2 89.0 87.6 86.1	21.3 20.2 19.3 18.3 17.5						
53.8 55.0 60.0 64.0 65.0	35.6 26.6 16.3	74.0 65.5 55.0	8.2 7.3 6.5	40.3 32.4 22.2	77.7 70.8 60.9	11.2 9.6	46.8 40.1 32.2	81.8 76.5 69.5	15.8 14.2	55.0 53.8 47.8	85.3 84.5 80.3 75.1	13.9 14.7 13.4			
67.0 70.0 72.0 75.0 78.0				16.6	55.0	7.7	21.9 16.1	59.5 53.5	10.9	33.5 23.8 15.4	68.5 59.1 50.5	11.2 10.4 9.6			
78.9 80.0 85.0 88.0										10.4	00.0	0.0	35.0 34.1 24.5 16.5	62.4 61.6 52.5 44.2	6.6 6.4 5.5 4.9



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

		gulo de 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]
				35.0 ı		eza de p	al, Punto dumín (2 n ] Posici	316-1) 6	5.5 m Pl	eza de p umín	lumín				
18.0 20.0 22.0 24.0 26.0	78.0 76.2 74.4 72.6 70.7	102.0 101.5 101.0 100.4 99.7	27.6 27.3 26.1 24.1 21.6												
26.6 28.0 30.0 32.0 34.0	68.8 66.9 65.0 63.1	98.9 98.1 97.2 96.2	19.9 18.1 16.7 15.4	73.0 71.7 69.9 68.0 66.1	100.2 99.8 99.0 98.3 97.4	25.0 24.9 24.4 23.9 23.0									
36.0 38.0 39.9 40.0	61.1 59.1 57.0	95.1 93.9 92.7	14.5 13.4 12.5	64.1 62.2 60.2	96.4 95.4 94.3	22.1 21.3 20.1	65.0 65.0	95.8 95.8	20.6 20.9						
42.0 44.0 46.0 48.0 50.0	54.9 52.7 50.4 48.1 45.7	91.3 89.8 88.2 86.4 84.5	11.7 10.9 10.4 9.7 9.2	58.1 56.0 53.9 51.7 49.4	93.1 91.7 90.3 88.8 87.1	18.3 16.7 15.3 14.1 13.2	63.0 61.0 59.0 56.9 54.8	94.8 93.7 92.5 91.3 89.9	20.7 19.7 18.7 17.9 17.0						
55.0 55.5 60.0 65.0 67.0	39.1 31.5 21.5 15.9	79.0 71.8 61.5 55.4	7.9 6.9 6.0 5.7	43.3 36.4 28.1	76.1 68.1	9.3 8.1	49.2 43.1 36.2	85.9 81.0 74.9	15.4 13.8 12.5	55.0 50.1 44.1	87.7 84.3 79.6	13.1 12.9 11.7			
70.0 75.0 80.0 81.0 81.3				16.2	55.5	6.8	<u>27.8</u> 15.7	66.7 53.9	9.1	37.4 29.3 18.2 15.0	73.7 65.9 54.3 50.9	9.9 8.8 8.6	35.0	64.1	5.7
85.0 90.0 91.0													29.8 19.1 16.1	59.1 47.9 44.6	5.1 4.3 4.1



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]
				35.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (2 n] Posici	316-1) 6	8.5 m Pl		lumín				
18.6 20.0 22.0 24.0 26.0	78.0 76.8 75.1 73.3 71.6	104.9 104.6 104.1 103.5 102.9	25.1 25.0 23.9 22.9 20.9	72.0	103.1	22.6									
27.5 28.0 30.0 32.0 34.0	69.8 68.0 66.2 64.3	102.2 101.4 100.5 99.6	19.5 18.1 16.6 15.3	73.0 72.6 70.8 69.0 67.2	102.9 102.2 101.5 100.7	22.6 22.3 21.8 21.4									
36.0 38.0 40.0 41.2 42.0	62.5 60.6 58.6 56.6	98.5 97.4 96.2 94.9	14.2 13.3 12.4	65.4 63.5 61.6 59.7	99.8 98.8 97.7 96.6	20.9 20.4 20.1	65.0 64.3	98.5 98.2	19.5 19.9						
44.0 46.0 48.0 50.0	54.6 52.5 50.3 48.1	93.6 92.1 90.4 88.7	10.8 10.1 9.6 9.0	57.7 55.7 53.6 51.5	95.3 94.0 92.6 91.0	17.1 15.6 14.3 13.2	62.4 60.5 58.6 56.6	97.1 96.0 94.8 93.5	19.4 18.5 17.7 16.8						
55.0 57.2 60.0 65.0 70.0 73.0	35.4 27.2 15.5	77.3 68.9 55.8	7.7 6.7 5.9 5.1	39.7 32.5 23.5 15.8	86.6 81.1 74.1 64.5 55.9	9.3 8.0 6.9 6.1	51.4 45.8 39.5 32.3	89.8 85.3 79.8 72.8	13.6 12.3 11.1	55.0 52.2 46.7 40.6	90.2 88.2 83.8 78.5	12.4 12.7 11.6 10.4			
75.0 78.0 80.0 83.8 84.0				10.0	00.0	0.1	23.2 15.4	63.1 54.3	9.4 8.4	33.5 24.8 15.8	71.8 62.7 52.5	9.6 8.6 7.4	35.0	65.9	5.1
85.0 90.0 94.0													34.0 25.4 15.7	64.9 56.0 45.0	4.9 4.1 3.5



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		83° Án	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	il, Punto Ilumín (2 n ] Posici	316-1) 7	1.5 m Pl	eza de p umín	lumín				
19.2	78.0	107.9	22.9												
20.0	77.4	107.7	22.9												
22.0	75.7	107.2	22.2												
24.0	74.1	106.7	21.4												
26.0	72.4	106.0	20.0												
28.0	70.7	105.4	18.6												
28.4				73.0	105.9	20.8									
30.0	69.0	104.6	17.5	71.6	105.4	20.7									
32.0	67.3	103.8	16.0	69.9	104.7	20.3									
34.0	65.5	102.9	14.7	68.2	103.9	19.9									
36.0	63.7	101.9	13.6	66.5	103.1	19.5							ł		
38.0 40.0	61.9 60.1	100.9 99.7	12.7 11.9	64.7 62.9	102.1 101.1	19.1 18.7							ł		
40.0	58.2	98.5	11.9	61.1	101.1	18.4							ł		
42.5	30.2	90.5	11.1	01.1	100.1	10.4	65.0	101.2	18.5						
44.0	56.3	97.2	10.3	59.2	98.9	16.9	63.7	100.5	18.5						
46.0	54.3	95.8	9.7	57.3	97.6	15.5	61.9	99.5	17.9						
48.0	52.3	94.3	9.1	55.4	96.3	14.2	60.0	98.3	17.0	i					
50.0	50.2	92.7	8.6	53.4	94.8	13.0	58.2	97.1	16.3	İ			İ		
55.0	44.8	88.0	7.4	48.2	90.7	10.9	53.3	93.6	14.4						
58.9										55.0	92.6	11.6			
60.0	38.7	82.3	6.3	42.5	85.7	9.1	48.1	89.5	13.1	54.1	92.0	12.0			
65.0	31.6	75.1	5.5	36.2	79.5	7.7	42.4	84.4	11.8	48.9	87.9	10.9			
70.0	22.7	65.2	4.8	28.6	71.4	6.6	36.0	78.2	10.8	43.3	83.0	10.0			
73.0	15.2	56.2	4.3												
75.0				18.3	59.7	5.5	28.3	70.1	9.3	37.0	77.0	9.1			
76.0				15.5	56.3	5.3	47.0	50.0	7.0	00.7	00.0	0.0			
80.0							17.9 15.0	58.2 54.7	7.8 7.4	29.7	69.3	8.3	l		
81.0 85.0							15.0	54.7	7.4	19.2	57.4	7.2			
86.2										19.2	37.4	1.2	35.0	67.6	4.3
87.0										15.4	52.9	6.7	33.0	07.0	4.0
90.0										15.4	32.3	0.7	30.2	62.5	3.7
95.0													20.7	51.7	3.0
97.0													15.4	45.4	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 I	gulo de orincipa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	il, Punto llumín (2 n ] Posici	316-1) 7	4.5 m Pl	eza de p umín	lumín				
19.9 20.0 22.0 24.0 26.0 28.0	78.0 77.9 76.3 74.7 73.1 71.5	110.8 110.8 110.3 109.8 109.2	21.5 21.5 21.2 20.4 19.5												
29.3 30.0 32.0 34.0 36.0	69.9 68.2 66.5 64.9	106.5 107.8 107.0 106.2 105.3	17.0 15.9 14.6	73.0 72.4 70.8 69.1 67.5	108.8 108.6 107.9 107.1	19.7 19.7 19.5 19.1									
38.0 40.0 42.0 43.7	63.1 61.4 59.6	105.3 104.3 103.2 102.0	13.5 12.5 11.7 10.9	67.5 65.8 64.1 62.4	106.3 105.5 104.5 103.5	18.4 18.0 17.7	65.0	103.9	17.4						
44.0 46.0 48.0 50.0 55.0	57.8 56.0 54.1 52.1 47.1	100.8 99.5 98.1 96.5 92.2	10.2 9.5 8.9 8.3 7.2	60.6 58.8 57.0 55.1 50.3	102.4 101.2 99.9 98.5 94.7	17.2 15.7 14.4 13.2 10.9	64.8 63.1 61.4 59.6 55.0	103.8 102.9 101.8 100.6 97.4	17.6 17.6 16.7 16.0 14.3						
60.0 60.7 65.0 70.0 75.0	41.5 35.3 27.8 17.7	87.0 80.6 72.3 60.1	6.1 5.3 4.6 3.9	45.0 39.2 32.6 24.4	90.0 84.4 77.4 68.0	9.1 7.6 6.5 5.5	50.1 44.9 39.1 32.4	93.5 88.8 83.2 76.1	12.9 11.6 10.5 9.4	55.0 50.9 45.7 40.0	95.1 91.9 87.3 81.9	11.0 10.7 9.8 8.9			
76.0 79.0 80.0 84.0 85.0	15.8	57.8	3.4	15.1	56.7	4.7	24.2 15.7	66.7 56.3	8.0 6.3	33.5	75.1 66.1	8.1			
88.7 90.0 95.0 100.0										15.1	53.3	6.0	35.0 34.0 26.2 15.0	69.3 68.2 59.4 45.8	3.6 3.5 2.7 2.1



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

		gulo de orincipa			gulo de orincipa			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]
				35.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 7	7.5 m Pli	eza de p umín	lumín				
20.5 22.0 24.0 26.0 28.0	78.0 76.9 75.3 73.8 72.2	113.7 113.4 112.9 112.3 111.7	19.7 19.6 18.8 18.3 17.2												
30.0 30.1 32.0 34.0 36.0	70.7 69.1 67.5 65.9	111.0 110.3 109.5 108.6	16.3 15.6 14.4 13.2	73.0 71.5 70.0 68.4	111.7 111.1 110.4 109.6	18.0 17.9 17.6 17.3									
38.0 40.0 42.0 44.0 45.0	64.3 62.6 60.9 59.2	107.6 106.6 105.5 104.3	12.2 11.4 10.7 9.9	66.8 65.2 63.5 61.8	108.7 107.8 106.9 105.8	16.9 16.5 16.2 15.9	65.0	106.7	15.7						
46.0 48.0 50.0 55.0 60.0	57.5 55.7 53.9 49.1 44.0	103.1 101.8 100.3 96.3 91.5	9.2 8.6 8.0 6.9 5.9	60.1 58.4 56.7 52.1 47.2	104.7 103.5 102.2 98.5 94.2	15.2 14.0 12.9 10.7 9.0	64.2 62.6 60.9 56.5 52.0	106.2 105.2 104.1 101.0 97.4	16.1 15.9 15.4 14.0 12.5						
62.4 65.0 70.0 75.0 79.0	38.3 31.8 23.8 15.5	85.7 78.4 68.8 58.2	5.0 4.3 3.7 2.9	41.9 36.0 29.0	89.1 82.8 74.8	7.5 6.3 5.4	47.1 41.7 35.8	93.0 87.9 81.5	11.3 10.2 9.4	55.0 52.7 47.9 42.6	97.6 95.7 91.5 86.5	10.3 10.4 9.4 8.6			
80.0 82.0 85.0 87.0 90.0				19.9 15.8	63.6 58.3	4.5 3.7	28.8 19.6 15.4	73.5 62.1 56.7	8.1 6.6 5.6	36.8 29.6 22.0	80.4 72.2 62.9	7.7 6.6 5.7			
91.1 92.0 95.0 97.0										17.5	57.2	5.3	35.0 30.4 27.3	71.0 65.8 62.1	2.9 2.4 2.1



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

		gulo de 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]
				35.0	m Pluma Cab	eza de p	II, Punto Iumín (2: I Posici	316-1) 8	0.5 m Plı	eza de p umín	lumín				
21.1	78.0	116.7	18.2												
22.0	77.4	116.5	18.2												
24.0	75.9	116.0	17.6												
26.0	74.4	115.5	17.0												
28.0	72.9	114.8	16.4												
30.0	71.4	114.2	15.6												
31.0				73.0	114.6	16.6									
32.0	69.9	113.5	15.0	72.3	114.2	16.6									
34.0	68.4	112.7	14.3	70.8	113.6	16.4									
36.0	66.8	111.9	13.1	69.2	112.8	16.1									
38.0	65.3	111.0	12.1	67.7	112.0	15.8									
40.0	63.7	110.0	11.2	66.1	111.1	15.4									
42.0	62.1	108.9	10.5	64.6	110.2	15.0									
44.0	60.5	107.8	9.8	63.0	109.2	14.7									
46.0	58.8	106.6	9.1	61.4	108.1	14.4									
46.3							65.0	109.4	15.0						
48.0	57.1	105.4	8.5	59.7	107.0	13.6	63.7	108.6	15.0						
50.0	55.4	104.0	7.9	58.1	105.8	12.6	62.1	107.5	14.8						
55.0	50.9	100.2	6.7	53.7	102.3	10.6	57.9	104.6	13.7						
60.0	46.2	95.7	5.7	49.2	98.3	9.0	53.6	101.1	12.2						
64.1										55.0	100.0	9.7			
65.0	41.0	90.4	4.8	44.2	93.5	7.5	49.0	97.1	11.1	54.3	99.5	10.0			
70.0	35.1	83.9	4.1	38.8	87.8	6.3	44.1	92.3	10.1	49.8	95.5	9.2			
75.0	28.3	75.7	3.5	32.7	80.7	5.3	38.7	86.5	9.2	44.9	90.8	8.4			
80.0	19.3	64.2	3.0	25.2	71.5	4.4	32.5	79.4	8.2	39.6	85.2	7.6			
82.0	15.2	58.6	2.5												
85.0				15.5	58.7	3.3	25.0	70.2	6.9	33.2	78.0	6.5			
90.0							15.1	57.1	5.1	26.9	70.3	5.6			
93.6													35.0	72.7	2.4
95.0										17.2	57.6	4.7	33.9	71.5	2.3
96.0	I												32.6	70.0	2.1



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

	88° Án	gulo de principa	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]
				35.0 ı		eza de p	lumín (2	316-1) 8	3.5 m Pli	eza de p umín	lumín				
						37.0[11	] Posici	on midia	11 (2316)						
21.7	78.0	119.6	16.7												
22.0	77.8	119.6	16.7												
24.0	76.4	119.1	16.4												
26.0	75.0	118.6	15.9												
28.0	73.6	118.0	15.5												
30.0	72.1	117.4	14.9	70.0	117.4	45.0									
31.9 32.0	70.7	116.7	14.3	73.0 72.9	117.4 117.4	15.3 15.3									
34.0	69.2	115.7	13.9	72.9	117.4	15.3									
36.0	67.7	115.9	12.9	70.0	116.7	15.0									
38.0	66.2	114.3	11.9	68.5	115.2	14.7									
40.0	64.7	113.3	11.0	67.1	114.4	14.7									
42.0	63.2	112.3	10.2	65.6	113.5	14.1									
44.0	61.6	111.3	9.5	64.0	112.6	13.8									
46.0	60.1	110.1	8.9	62.5	111.5	13.5									
47.6							65.0	112.1	13.8						
48.0	58.5	108.9	8.2	60.9	110.4	13.3	64.7	111.9	13.8						
50.0	56.8	107.6	7.7	59.3	109.3	12.4	63.2	110.9	13.8						
55.0	52.6	104.1	6.4	55.2	106.0	10.4	59.2	108.1	13.1						
60.0	48.1	99.9	5.5	50.9	102.2	8.9	55.1	104.9	11.9						
65.0	43.3	94.9	4.6	46.3	97.8	7.4	50.8	101.0	10.8						
65.8										55.0	102.5	9.1			
70.0	38.0	89.0	3.8	41.3	92.5	6.1	46.2	96.5	9.8	51.5	99.4	9.0			
75.0	31.9	81.8	3.3	35.8	86.1	5.0	41.2	91.2	8.8	47.0	95.0	8.2			
80.0	24.6	72.3	2.7	29.3	78.2	4.2	35.6	84.9	8.1	42.0	89.9	7.3			
84.0	16.7	61.5	2.3												
85.0				21.2	67.4	3.5	29.2	76.9	6.9	36.3	83.4	6.2			
88.0				15.2	59.1	2.7									
90.0							20.9	66.0	5.6	30.7	76.6	5.3			
92.0							16.6	59.9	5.1	20.0	00.5				
95.0										23.0	66.5	4.4			
98.0										16.9	58.1	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 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]
				35.0 ı		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	6.5 m Pl	eza de p umín	lumín				
22.4	78.0	122.6	15.4												
24.0	76.9	122.2	15.4												
26.0	75.5	121.7	14.9												
28.0	74.1	121.1	14.6												
30.0	72.8	120.5	14.2												
32.0	71.4	119.8	13.7												
32.8				73.0	120.3	14.3									
34.0	70.0	119.1	13.3	72.1	119.9	14.3									
36.0	68.5	118.4	12.8	70.7	119.2	14.1									
38.0	67.1 65.7	117.5 116.6	11.8 10.8	69.3 67.9	118.5 117.7	13.8 13.6									
40.0 42.0	64.2	115.7	10.8	66.5	117.7	13.6									
42.0 44.0	62.7	115.7	9.3	65.0	116.8	13.3									
46.0	61.2	114.7	9.3 8.8	63.5	114.9	12.8									
48.0	59.7	112.4	8.1	62.0	113.9	12.6									
48.8	35.1	112.4	0.1	02.0	113.5	12.0	65.0	114.8	12.3						
50.0	58.1	111.2	7.5	60.5	112.8	12.3	64.2	114.3	12.8						
55.0	54.1	107.8	6.3	56.6	109.7	10.3	60.4	111.6	12.5						
60.0	49.9	103.9	5.3	52.5	106.1	8.8	56.5	108.5	11.7						
65.0	45.4	99.2	4.4	48.2	101.9	7.5	52.4	104.9	10.5						
67.6										55.0	104.9	8.6			
70.0	40.5	93.8	3.7	43.6	96.9	6.1	48.1	100.7	9.6	53.1	103.2	8.8			
75.0	35.0	87.2	3.0	38.5	91.1	4.9	43.4	95.7	8.7	48.8	99.1	8.0			
80.0	28.7	79.1	2.5	32.7	84.1	4.1	38.3	89.9	7.9	44.0	94.1	7.0			
85.0				25.5	74.4	3.3	32.6	82.8	7.0	39.5	89.0	5.9			
90.0				16.6	61.9	2.6	25.7	73.7	5.8	33.9	82.2	5.0			
95.0							16.3	60.4	4.5	27.4	73.7	4.2			
100.0										18.8	61.7	3.4			
101.0										16.6	58.5	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 principa			gulo de orincipa		75° Án I	gulo de orincipa	pluma	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]
				35.0 ו		eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 8	9.5 m Pl	eza de p umín	lumín				
23.0	78.0	125.5	13.5												
24.0	77.4	125.3	13.5												
26.0	76.0	124.8	13.2												
28.0	74.7	124.2	12.9												
30.0	73.4	123.7	12.7												
32.0	72.0	123.0	12.3												
33.7				73.0	123.2	12.5									
34.0	70.7	122.3	12.0	72.8	123.1	12.5									
36.0	69.3	121.6	11.7	71.4	122.4	12.4									
38.0	67.9	120.8	11.0	70.0	121.7	12.2									
40.0	66.5	119.9	10.1	68.7	120.9	11.9									
42.0	65.1	119.0	9.3 8.7	67.3	120.1	11.7 11.4									
44.0 46.0	63.7 62.2	118.0 117.0	8.7	65.9 64.4	119.2 118.2	11.4									
48.0	60.7	117.0	7.6	63.0	117.2	10.9									
50.0	59.2	114.7	7.0	61.5	116.2	10.9									
50.0	39.2	114.7	7.0	01.5	110.2	10.0	65.0	117.5	11.1						
55.0	55.4	111.4	5.8	57.8	113.2	9.4	61.4	117.5	10.8						
60.0	51.4	107.6	4.8	53.9	109.7	8.1	57.7	112.0	10.4						
65.0	47.1	103.2	4.0	49.8	105.7	7.1	53.8	108.5	9.5						
69.3			1.0	10.0	100.7		00.0	100.0	0.0	55.0	107.4	7.9			
70.0	42.5	98.1	3.3	45.4	101.1	5.8	49.7	104.5	8.9	54.4	106.9	7.9			
75.0	37.5	92.1	2.7	40.7	95.6	4.7	45.3	99.9	8.1	50.3	102.9	7.4			
80.0	31.7	84.7	2.2	35.4	89.1	3.8	40.5	94.4	7.4	46.0	98.4	6.6			
85.0	<u></u>	<u></u>		29.3	81.1	3.1	35.2	87.8	6.7	41.8	93.7	5.6			
90.0				21.7	70.4	2.4	29.1	79.7	5.6	36.7	87.5	4.7			
92.0				17.9	64.7	2.1									
95.0							21.5	68.9	4.4	30.9	79.9	3.8			
98.0							15.3	59.7	3.7						
100.0										23.9	70.1	3.1			
104.0										16.3	58.9	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		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]
				35.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı ] Posici	316-1) 9	2.5 m Plı	eza de p umín	lumín				
23.7	78.0	128.4	12.4												
24.0	77.8	128.3	12.4												
26.0	76.5	127.9	12.3												
28.0	75.2	127.4	12.0												
30.0	73.9	126.8	11.8												
32.0	72.6	126.2	11.5												
34.0	71.3	125.5	11.2												
34.5	70.0	124.8	11.0	73.0	126.0 125.6	11.5 11.5									
36.0 38.0	68.7	124.8	10.7	72.0 70.7	125.6	11.5									
40.0	67.3	123.2	9.9	69.4	124.9	11.0									
42.0	66.0	123.2	9.1	68.1	123.3	10.8									
44.0	64.6	121.4	8.4	66.7	123.5	10.6									
46.0	63.2	120.4	7.9	65.3	121.6	10.3									
48.0	61.8	119.3	7.4	64.0	120.6	10.0									
50.0	60.4	118.2	6.9	62.6	119.6	9.8									
51.4		-					65.0	120.3	10.0						
55.0	56.7	115.1	5.6	59.0	116.7	8.9	62.5	118.4	9.9						
60.0	52.9	111.5	4.7	55.3	113.4	7.8	58.9	115.6	9.4						
65.0	48.8	107.3	3.9	51.4	109.6	7.0	55.2	112.3	8.9						
70.0	44.5	102.5	3.1	47.2	105.3	5.8	51.2	108.5	8.5						
71.0										55.0	109.8	7.5			
75.0	39.9	96.9	2.5	42.8	100.2	4.6	47.1	104.1	7.9	51.9	106.8	7.2			
80.0				38.0	94.2	3.7	42.7	99.0	7.1	47.8	102.5	6.4			
85.0				32.5	87.0	3.0	37.8	92.9	6.5	43.9	98.1	5.4			
90.0				26.1	77.9	2.3	32.4	85.7	5.7	39.2	92.4	4.5			
95.0							25.9	76.5	4.6	33.9	85.5	3.7			
100.0							17.3	63.6	3.4	27.8	77.1	2.9			
101.0							16.5	62.4	3.1	00.4	05.0	0.0			
105.0										20.1	65.6	2.2			
106.0										18.2	62.7	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 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]
				35.0	m Pluma Cab	eza de p	al, Punto olumín (2 n ] Posici	316-1) 9	5.5 m Pl	eza de p umín	lumín				
24.3	78.0	131.4	11.3												
26.0	76.9	131.0	11.3												
28.0	75.7	130.5	11.0	•			•			•			<u> </u>		
30.0	74.5	129.9	10.8												
32.0	73.2	129.3	10.6												
34.0	71.9	128.7	10.3				!								
35.4				73.0	128.9	10.4									
36.0	70.7	128.0	10.1	72.6	128.7	10.4	•			•			<u> </u>		
38.0	69.4	127.2	9.9	71.4	128.0	10.4									
40.0	68.1	126.4	9.4	70.1	127.3	10.1									
42.0	66.8	125.6	8.7	68.8	126.6	9.9									
44.0	65.4	124.7	8.1	67.5	125.7	9.7									
46.0	64.1	123.7	7.5	66.2	124.9	9.5									
48.0	62.7	122.7	7.0	64.8	123.9	9.2									
50.0	61.4	121.6	6.6	63.5	123.0	9.1									
52.6							65.0	123.0	9.1						
55.0	57.9	118.6	5.4	60.1	120.2	8.5	63.4	121.8	9.1						
60.0	54.2	115.2	4.4	56.5	117.1	7.4	60.0	119.1	8.7						
65.0	50.4	111.3	3.6	52.8	113.5	6.6	56.4	115.9	8.3						
70.0	46.3	106.8	2.9	48.9	109.3	5.7	52.7	112.3	7.9						
72.7										55.0	112.3	6.9			
75.0	42.0	101.5	2.2	44.7	104.5	4.6	48.8	108.1	7.6	53.3	110.6	6.9			
80.0				40.2	99.0	3.5	44.6	103.3	6.9	49.4	106.6	6.1			
85.0				35.3	92.4	2.7	40.1	97.8	6.2	45.7	102.4	5.1			
90.0				29.6	84.4	2.1	35.1	91.2	5.7	41.3	97.0	4.2			
95.0							29.4	83.1	4.6	36.5	90.8	3.3			
100.0							22.4	72.6	3.5	31.1	83.2	2.6			
104.0	1	1		I			16.2	62.8	2.6	26.0	75.8	2.0	I		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 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]
				35.0 ו		eza de p	al, Punto llumín (2 n ] Posici	316-1) 9	8.5 m Pl		lumín				
24.9	78.0	134.3	10.4												
26.0	77.4	134.0	10.4												
28.0	76.2	133.6	10.3												
30.0	74.9	133.0	10.0												
32.0	73.7	132.5	9.9												
34.0	72.5	131.8	9.6												
36.0	71.3	131.2	9.4												
36.3				73.0	131.8	9.6									
38.0	70.0	130.4	9.2	71.9	131.2	9.5									
40.0	68.8	129.7	9.0	70.7	130.5	9.4									
42.0	67.5	128.9	8.3	69.5	129.8	9.2									
44.0	66.2	128.0	7.7	68.2	129.0	9.0									
46.0	65.0	127.1 126.1	7.2	66.9	128.1	8.8									
48.0	63.7 62.3		6.8	65.7 64.4	127.3 126.3	8.6									
50.0	62.3	125.0	6.4	64.4	126.3	8.4	05.0	125.7	8.3						
53.9 55.0	59.0	122.2	5.3	61.1	123.7	8.1	65.0 64.3	125.7	8.3						
60.0	55.5	118.9	5.3 4.2	57.7	123.7	7.2	61.0	125.2	8.3						
65.0	51.8	115.2	3.4	54.1	117.2	6.4	57.6	119.5	7.8	ł					
70.0	48.0	110.9	2.7	50.4	113.3	5.7	54.0	116.0	7.5						
74.4	40.0	110.9	2.1	30.4	113.3	5.1	34.0	110.0	1.5	55.0	114.8	6.5			
75.0				46.5	108.8	4.6	50.3	112.1	7.3	54.6	114.3	6.5			
80.0				42.3	103.6	3.5	46.4	107.6	6.7	50.9	110.5	5.8			
85.0				37.7	97.5	2.6	42.2	102.4	6.1	47.4	106.5	4.8			
90.0				J	00		37.6	96.3	5.5	43.3	101.5	3.9			
95.0							33.1	89.9	4.5	38.8	95.7	3.1			
100.0							26.4	80.0	3.7	33.9	88.9	2.3			
102.0										31.7	85.7	2.0			
105.0							18.7	67.7	2.6						
107.0							15.9	63.2	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]
				35.0	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 10	)1.5 m Pl	eza de p lumín	lumín				
25.5	78.0	137.2	9.6												
26.0	77.7	137.1	9.6												
28.0	76.6	136.7	9.5												
30.0	75.4	136.1	9.3												
32.0	74.2	135.6	9.1												
34.0	73.0	135.0	8.9												
36.0	71.8	134.3	8.7												
37.2				73.0	134.6	8.8									
38.0	70.6	133.6	8.5	72.5	134.4	8.8									
40.0	69.4	132.9	8.3	71.3	133.7	8.7									
42.0	68.2	132.1	8.0	70.1	133.0	8.5									
44.0	67.0	131.3	7.4	68.9	132.2	8.3									
46.0	65.7	130.4	6.9	67.7	131.4	8.2									
48.0	64.5	129.4	6.4	66.4	130.5	8.0									
50.0	63.2	128.4	6.0	65.2	129.6	7.8									
55.0	60.0	125.7	5.0	62.0	127.1	7.5									
55.2							65.0	128.4	7.6						
60.0	56.6	122.5	4.0	58.7	124.2	6.8	61.9	126.0	7.5						
65.0	53.2	119.0	3.2	55.3	120.9	6.0	58.6	123.1	7.2						
70.0	49.5	114.9	2.5	51.8	117.2	5.4	55.3	119.7	6.9						
75.0				48.1	112.9	4.5	51.7	116.0	6.7						
76.2										55.0	117.2	6.0			
80.0				44.1	108.0	3.4	48.0	111.7	6.3	52.3	114.3	5.4			
85.0				39.9	102.4	2.5	44.0	106.8	5.7	49.0	110.6	4.5			
87.0				38.0	99.9	2.2									
90.0							39.7	101.1	5.1	45.1	105.9	3.6			
95.0							35.6	95.3	4.3	40.9	100.4	2.7			
99.0										37.3	95.5	2.1			
100.0							30.4	87.5	3.5						
105.0							24.1	77.6	2.6						
108.0							19.5	70.0	2.0						



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

		gulo de 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]
				35.0 ı		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	4.5 m P	eza de p lumín	lumín				
26.2	78.0	140.2	9.0												
28.0	77.0	139.7	9.0												
30.0	75.8	139.2	8.7												
32.0	74.7	138.7	8.5												
34.0	73.5	138.1	8.4												
36.0	72.4	137.5	8.2												
38.0	71.2	136.8	8.0	73.0	137.5	8.2									
40.0	70.1	136.1	7.8	71.9	136.9	8.2									
42.0	68.9	135.3	7.7	70.7	136.2	8.0									
44.0	67.7	134.5	7.1	69.5	135.4	7.8									
46.0	66.5	133.7	6.6	68.3	134.7	7.7									
48.0	65.3	132.8	6.2	67.2	133.8	7.5									
50.0	64.1	131.8	5.8	65.9	132.9	7.3									
55.0	60.9	129.1	4.9	62.9	130.5	7.0									
56.4							65.0	131.1	7.0						
60.0	57.7	126.1	3.9	59.7	127.7	6.5	62.8	129.4	7.0						
65.0	54.4	122.7	3.0	56.5	124.6	5.7	59.7	126.6	6.7						
70.0	50.9	118.8	2.3	53.1	121.0	5.1	56.4	123.4	6.4						
75.0				49.6	116.9	4.4	53.0	119.8	6.2						
77.9										55.0	119.7	5.5			
80.0				45.8	112.3	3.4	49.5	115.7	6.0	53.6	118.1	5.3			
85.0				41.8	107.0	2.5	45.7	111.1	5.5	50.4	114.5	4.3			
87.0				40.6	105.3	2.1	44.7	105.8	5.0	40.7	110.1	3.4			
90.0 95.0							41.7 37.8		5.0 4.1	46.7	110.1 105.0	-			
							37.8	100.3	4.1	42.8		2.6			
98.0							20.4		0.0	40.3	101.5	2.1			
100.0 105.0							33.1 27.6	93.2 84.6	3.3 2.6						
105.0							23.8	78.3	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]
				35.0 ı		eża de pl	ıl, Punto umín (23 ı ] Posici	316-1) ĬC	7.5 m P		lumín				
26.8	78.0	143.1	8.1												
28.0	77.3	142.8	8.1												
30.0	76.2	142.3	7.9							•					
32.0	75.1	141.8	7.7												
34.0	74.0	141.2	7.5												
36.0	72.9	140.6	7.3												
38.0	71.8	140.0	7.1												
38.9				73.0	140.4	7.3									
40.0	70.6	139.3	7.0	72.4	140.0	7.3									
42.0	69.5	138.6	6.9	71.3	139.4	7.2									
44.0	68.3	137.8	6.6	70.1	138.6	7.0									
46.0	67.2	136.9	6.1	69.0	137.9	6.8									
48.0	66.0	136.1	5.7	67.8	137.1	6.7									
50.0	64.8	135.1	5.3	66.7	136.2	6.5									
55.0	61.8	132.6	4.5	63.7	133.9	6.2									
57.7							65.0	133.9	6.1						
60.0	58.7	129.7	3.6	60.7	131.2	5.9	63.6	132.7	6.1						
65.0	55.5	126.4	2.7	57.5	128.1	5.3	60.6	130.0	5.9						
70.0				54.3	124.7	4.8	57.5	127.0	5.7						
75.0				50.9	120.8	4.4	54.2	123.5	5.4	55.0	400.4	4.0			
79.6				47.4	440.4	0.0	50.0	440.0	5.0	55.0	122.1	4.9			
80.0				47.4	116.4 111.5	3.3	50.8	119.6	5.3	54.7	121.8	4.9			
85.0 90.0				43.6	111.5	2.4	47.3 43.5	115.2 110.2	4.9 4.4	51.7 48.2	118.4 114.2	4.0 3.1			
90.0 95.0							43.5 39.4	110.2	3.8	48.2 44.5	109.3	2.3			
96.0							39.4	104.5	3.8	44.5	109.3	2.3			
100.0							35.5	98.6	3.0	43.7	108.3	2.1			
100.0							35.5	98.6	2.3						
105.0							29.5	90.8 89.1	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 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]
				35.0 ו	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı ] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín		-		
27.4	78.0	146.0	7.3				Ī								
28.0	77.7	145.9	7.3												
30.0	76.6	145.4	7.2												
32.0	75.5	144.9	7.0												
34.0	74.5	144.4	6.8												
36.0	73.4	143.8	6.7												
38.0	72.3	143.2	6.5												
39.8				73.0	143.2	6.5									
40.0	71.2	142.5	6.3	72.9	143.2	6.5									
42.0	70.1	141.8	6.2	71.8	142.5	6.5									
44.0	69.0	141.0	6.1	70.7	141.8	6.3									
46.0	67.8	140.2	5.7	69.6	141.1	6.2									
48.0	66.7	139.3	5.3	68.5	140.3	6.0									
50.0	65.6	138.4	4.9	67.3	139.5	5.9									
55.0	62.7	136.0	4.2	64.5	137.2	5.5									
59.0							65.0	136.6	5.4						
60.0	59.7	133.2	3.4	61.5	134.6	5.3	64.4	136.1	5.4						
65.0	56.6	130.0	2.5	58.5	131.7	4.8	61.5	133.5	5.2						
70.0				55.4	128.4	4.4	58.5	130.5	5.0						
75.0				52.2	124.7	4.1	55.3	127.2	4.8						
80.0				48.8	120.5	3.4	52.1	123.5	4.6						
81.3										55.0	124.6	4.4			
85.0				45.2	115.8	2.4	48.7	119.3	4.4	52.9	122.2	3.7			
90.0							45.1	114.6	4.0	49.6	118.2	2.8			
94.0							44.0	400.0	0.5	46.8	114.5	2.1			
95.0							41.3	109.2	3.5						
100.0 105.0							37.6 33.1	103.7 96.6	2.8 2.0						



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
				35.0 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3:	2.5 m Pli	eza de p umín	lumín				
11.1	78.0	69.7	43.9												
12.0	76.4	69.5	43.4												
13.0	74.6	69.2	41.1												
14.0	72.8	68.9	39.2												
16.0 17.0	69.0	68.2	36.2	73.0	68.7	37.7									
17.0	65.2	67.3	33.2	73.0	68.3	37.7									
20.0	61.2	66.3	33.2	67.3	68.3 67.5	34.2									
22.0	57.0	65.0	28.6	63.4	66.5	31.7									
24.0	52.6	63.6	26.7	59.3	65.4	29.7									
26.0	48.0	61.8	25.0	55.1	64.1	28.0	65.0	65.9	31.8						
28.0	43.0	59.8	23.1	50.6	62.5	26.6	61.1	64.8	30.7						
30.0	37.4	57.4	21.5	45.8	60.6	25.0	56.9	63.6	29.3						
32.0	31.0	54.3	20.1	40.5	58.4	23.6	52.6	62.1	27.9						
34.0	22.9	50.2	18.5	34.6	55.7	22.3	47.9	60.4	26.6						
35.0	17.5	47.3	17.7												
36.0				27.6	52.3	20.5	42.9	58.4	25.0						
36.6										55.0	60.7	26.5			
38.0				18.1	47.3	18.6	37.3	55.9	23.7	52.1	59.7	27.2			
40.0							30.8	52.8	22.2	47.4	57.9	25.7			
42.0							22.7	48.7	20.5	42.3	55.9	24.4			
43.0							17.3	45.8	19.7						
44.0										36.7	53.4	23.3			
46.0										30.1	50.2	22.2			
48.0										21.7	45.9	21.1			
49.0										16.0	42.8	20.5	05.0	45.0	40.0
54.3 55.0													35.0 33.5	45.2 44.5	16.0 16.6
59.0 59.0													33.5 15.8	35.3	15.4



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

		gulo de 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]
				35.0 ı		eza de p	II, Punto Ilumín (19 Il Posicio	916-1) 3	5.5 m Pl		lumín				
11.8	78.0	72.7	38.8												
12.0	77.6	72.6	38.8												
13.0	75.9	72.4	37.6												
14.0	74.3	72.1	36.0												
16.0	70.9	71.4	33.1												
17.8				73.0	71.5	33.3									
18.0	67.4	70.6	30.6	72.7	71.5	33.3									
20.0	63.8	69.7	28.4	69.3	70.8	31.3									
22.0	60.1	68.6	26.6	65.8	69.9	29.1									
24.0	56.3	67.3	24.9	62.2	68.9	27.4									
26.0	52.3	65.8	23.5	58.4	67.7	25.8									
27.3							65.0	68.6	28.2						
28.0	48.0	64.1	22.1	54.5	66.3	24.5	63.8	68.3	28.2						
30.0	43.4	62.1	20.7	50.4	64.7	23.4	60.1	67.2	26.9						
32.0	38.4	59.7	19.5	46.0	62.9	22.0	56.2	65.9	25.7						
34.0	32.7	56.8	18.4	41.2	60.7	20.9	52.2	64.4	24.5						
36.0	26.0	53.1	17.1	36.0	58.1	19.9	47.9	62.6	23.4						
38.0	16.7	47.8	15.9	29.9	54.9	18.6	43.4	60.6	22.0						
38.3				00.0	50 T	47.0	00.0	50.0	00.0	55.0	63.1	23.4			
40.0				22.3	50.7	17.3	38.3	58.2	20.9	51.8	61.9	24.2			
41.0				17.3	47.8	16.6	00.0		40.0	47.5	20.0	00.0			
42.0							32.6	55.3	19.9	47.5	60.2	23.0			
44.0							25.8 16.5	51.6 46.2	18.7	42.9 37.8	58.1 55.7	21.9			
46.0 48.0							10.5	40.2	17.4		55.7 52.7	20.9 20.0			
50.0										32.0 25.0	48.9	19.0			
50.0										25.0 15.2	48.9 43.2	19.0			
52.0 56.7										15.2	43.2	16.0	35.0	46.9	14.8
60.0													24.9	41.5	14.8
62.0													15.1	35.7	14.4



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			45° Ángulo de plur 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]		
	35.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [ m ] Posición midfall (1916)																
12.4	78.0	75.6	34.7														
13.0	77.1	75.5	34.6														
14.0	75.5	75.2	33.1														
16.0	72.4	74.6	30.6														
18.0	69.2	73.9	28.6														
18.7				73.0	74.4	29.7											
20.0	66.0	73.0	26.4	71.0	74.0	29.0											
22.0	62.7	72.0	24.7	67.8	73.2	27.1											
24.0	59.3	70.9	23.2	64.5	72.3	25.3											
26.0	55.7	69.5	21.9	61.2	71.2	24.0											
28.0	52.0	68.0	20.8	57.7	70.0	22.8	05.0	71.3	00.0								
28.5 30.0	48.0	66.3	19.8	54.0	68.6	21.7	65.0 62.6	71.3 70.6	23.6 24.9								
30.0	48.0	64.3	19.8	54.0 50.2	67.0	20.8	59.2	70.6 69.4	24.9								
34.0	39.3	62.0	17.7	46.2	65.1	19.6	59.2 55.6	68.1	23.6								
36.0	34.2	59.2	16.9	41.8	63.0	18.6	51.9	66.6	21.8								
38.0	28.3	55.8	15.9	37.1	60.5	17.7	48.0	64.9	20.8								
40.0	20.9	51.3	14.9	31.7	57.5	16.8	43.8	62.9	19.6	55.0	65.6	20.8					
41.0	16.0	48.2	14.4	31.7	37.3	10.0	40.0	02.3	13.0	33.0	05.0	20.0					
42.0	10.0	40.2	1-11	25.3	53.7	15.9	39.2	60.6	18.6	51.5	64.2	21.9					
44.0				16.6	48.2	15.0	34.1	57.8	17.8	47.5	62.4	20.9					
46.0							28.2	54.4	16.9	43.3	60.4	19.9					
48.0							20.8	49.8	16.0	38.7	58.0	18.9					
49.0							15.8	46.6	15.6								
50.0										33.5	55.2	18.1					
55.0										16.5	44.8	14.5					
59.2													35.0	48.6	13.8		
60.0													33.5	47.8	14.8		
65.0													16.4	37.4	12.6		



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	88° Ángulo de pluma principal				gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
	35.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [ m ] Posición midfall (1916)														
13.0	78.0	78.5	30.6												
14.0	76.6	78.3	30.2												
16.0	73.7	77.7	28.0												
18.0	70.8	77.1	25.8												
19.6				73.0	77.3	26.2									
20.0	67.9	76.3	24.1	72.4	77.1	26.2									
22.0	64.8	75.4	22.4	69.5	76.4	24.5									
24.0	61.7	74.3	21.1	66.5	75.6	23.0									
26.0	58.5	73.2	19.9	63.4	74.6	21.7									
28.0	55.2	71.8	18.8	60.3	73.5	20.7									
29.8							65.0	74.0	22.2						
30.0	51.7	70.3	18.0	57.0	72.2	19.6	64.8	74.0	22.2						
32.0	48.0	68.6	17.1	53.6	70.8	18.8	61.6	72.9	21.5						
34.0	44.2	66.6	16.2	50.1	69.2	18.0	58.4	71.7	20.7						
36.0	40.0	64.3	15.3	46.3	67.4	17.0	55.1	70.4	19.6						
38.0	35.4	61.6	14.7	42.3	65.3	16.1	51.6	68.9	18.8						
40.0	30.2	58.4	13.9	38.0	62.8	15.3	48.0	67.1	17.9						
41.7			40.4	20.4		440		05.4	40.0	55.0	68.1	18.1			
42.0	23.9 15.4	54.4 48.6	13.1	33.1	60.0 56.4	14.6	44.1 39.9	65.1 62.9	16.9	54.8	68.0 66.4	19.4			
44.0 46.0	15.4	48.6	12.4	27.5 20.5	51.8	13.9 13.1	35.3	60.2	16.1 15.4	51.3 47.6	64.7	18.8 18.0			
46.0 47.0				20.5 15.9	31.6 48.6	12.7	35.3	60.2	15.4	47.0	04.7	16.0			
47.0				15.9	40.0	12.7	30.1	57.0	14.7	43.7	62.6	17.1			
50.0							23.8	52.9	13.9	39.4	60.3	16.3			
52.0							15.2	47.0	13.9	53.4	00.5	10.5			
55.0							10.2	71.0	10.2	26.5	52.4	14.6			
58.0										15.9	45.2	12.0			
61.7										10.0	70.2	12.0	35.0	50.4	13.0
65.0										Ī			26.4	45.0	13.1
68.0												<u> </u>	15.8	37.8	11.3



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		gulo de principa		principal				gulo de orincipa			gulo de orincipa		45° Ángulo de pluma principal		
Alcan- ce [ m ]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [ m ]	Carga [t]
	35.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [ m ] Posición midfall (1916)														
13.6	78.0	81.5	27.8												
14.0	77.5	81.4	27.8	i											
16.0	74.9	80.9	26.1	i											
18.0	72.2	80.2	24.2												
20.0	69.4	79.5	22.7												
20.5				73.0	80.1	23.7									
22.0	66.6	78.7	21.0	70.9	79.6	23.0									
24.0	63.8	77.7	19.6	68.2	78.8	21.5									
26.0	60.9	76.7	18.6	65.4	78.0	20.3									
28.0	57.8	75.4	17.5	62.5	76.9	19.3									
30.0	54.7	74.1	16.6	59.5	75.8	18.4									
31.1							65.0	76.8	20.1						
32.0	51.5	72.5	15.9	56.4	74.5	17.4	63.7	76.3	20.0						
34.0	48.1	70.8	15.2	53.3	73.1	16.7	60.8	75.2	19.1						
36.0 38.0	44.4	68.8 66.6	14.4 13.7	49.9 46.5	71.4 69.6	15.9 15.1	57.8 54.7	74.0 72.6	18.3 17.4						
40.0	40.6 36.4	64.0	13.7	46.5 42.7	67.5	15.1	54.7 51.4	72.6	16.7						
40.0	31.7	61.0	12.4	42.7 38.7	65.2	13.6	48.0	69.4	15.7						
43.5	31.7	01.0	12.4	30.7	05.2	13.0	40.0	05.4	15.5	55.0	70.5	16.0			
44.0	26.2	57.2	11.8	34.3	62.4	13.0	44.4	67.4	15.0	54.3	70.2	17.3			
46.0	19.4	52.3	11.1	29.4	59.1	12.4	40.5	65.1	14.3	51.1	68.7	16.7			
47.0	16.5	50.2	9.1							•					
48.0				23.4	54.9	11.7	36.3	62.6	13.7	47.6	66.9	16.0			
50.0				15.4	49.0	11.1	31.6	59.5	13.1	44.0	64.9	15.2			
55.0							16.3	48.6	10.3	33.5	58.5	13.6			
60.0										18.4	47.9	12.1			
61.0										15.3	45.6	9.9			
64.1													35.0	52.1	12.3
65.0													33.5	51.1	12.9
70.0													18.3	40.5	12.0
71.0		I											15.2	38.1	10.3



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	88° Ángulo de pluma principal				gulo de orincipa			gulo de orincipa			gulo de orincipa		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]		
35.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [ m ] Posición midfall (1916)																	
14.3	78.0	84.4	24.6														
16.0	75.8	84.0	23.7														
18.0	73.3	83.4	22.3														
20.0	70.8	82.7	20.9														
21.4			10.0	73.0	83.0	21.1											
22.0	68.2	82.0	19.9	72.2	82.8	21.1											
24.0	65.6	81.1	18.8	69.6	82.1 81.2	20.0											
26.0 28.0	62.9 60.1	80.1 79.0	18.0 17.3	67.0 64.4	81.2	19.2 18.4											
30.0	57.3	77.7	16.7	61.6	79.3	17.9											
32.0	54.3	76.3	16.1	58.8	78.1	17.9											
32.3	04.0	7 0.0	10.1	00.0	70.1	17.2	65.0	79.5	18.0								
34.0	51.3	74.8	15.6	55.9	76.8	16.6	62.8	78.7	18.3								
36.0	48.1	73.0	14.9	53.0	75.3	16.2	60.0	77.5	17.7								
38.0	44.7	71.1	14.1	49.8	73.7	15.6	57.2	76.3	17.2								
40.0	41.1	68.9	13.4	46.6	71.8	14.9	54.3	74.9	16.6								
42.0	37.2	66.4	12.7	43.1	69.8	14.3	51.2	73.3	16.2								
44.0	33.0	63.4	12.1	39.4	67.5	13.8	48.0	71.6	15.6								
45.2										55.0	73.0	15.7					
46.0	28.1	60.0	11.5	35.4	64.8	13.3	44.6	69.6	14.9	54.0	72.5	16.4					
48.0	22.3	55.6	10.8	30.9	61.6	12.5	41.0	67.4	14.3	50.9	70.9	16.0					
50.0	15.9	50.6	9.3	25.7	57.8	11.7	37.2	64.9	13.7	47.7	69.1	15.7					
53.0 55.0				16.4	50.6	9.7	25.3	56.4	12.1	38.7	63.7	14.0					
55.0 58.0							25.3 15.8	56.4 49.0	10.5	30.1	03.7	14.0					
60.0							13.0	49.0	10.5	27.5	55.8	12.6					
63.0										17.8	48.4	11.7					
66.6				Ī						17.0	70.7	11.7	35.0	53.8	11.6		
70.0													27.4	48.4	11.5		
73.0													17.7	40.9	11.0		