

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	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 10	17.5 m P	eza de p lumín	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						
79.6										55.0	122.1	4.3			
80.0				47.4	116.4	3.3	50.8	119.6	5.3	55.0	122.1	4.3			
85.0				43.6	111.5	2.4	47.3	115.2	4.9	51.7	118.4	3.3			
90.0							43.9	110.8	4.0	48.2	114.2	2.4			
92.0										46.7	112.3	2.1			
95.0							39.9	105.1	3.2						
100.0							35.5	98.6	2.4						
102.0							33.6	95.7	2.1						



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

		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	al, Punto lumín (23 n] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.4	78.0	146.0	7.3												
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	74.0	440.5	0.0	73.0	143.2	6.5									
40.0 42.0	71.2 70.1	142.5 141.8	6.3 6.2	72.9 71.8	143.2 142.5	6.5 6.5				ł					
44.0	69.0	141.0	6.1	70.7	142.5	6.3									
46.0	67.8	140.2	5.7	69.6	141.0	6.2				i					
48.0	66.7	139.3	5.3	68.5	140.3	6.0				i					
50.0	65.6	138.4	4.9	67.3	139.5	5.9				i					
55.0	62.7	136.0	4.2	64.5	137.2	5.5				i					
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	l					
65.0	56.6	130.0	2.5	58.5	131.7	4.8	61.5	133.5	5.2	İ		İ			
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	3.7			
85.0				45.2	115.8	2.4	48.7	119.3	4.4	52.9	122.2	3.0			
90.0							45.1	114.6	3.8	49.6	118.2	2.1			
95.0							41.7	109.8	3.0						
100.0							37.6	103.7	2.2						
101.0							36.8	102.3	2.0						

Source:a9841388



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 3:	2.5 m Pl		lumín		-		
11.1 12.0 13.0 14.0 16.0	78.0 76.4 74.6 72.8 69.0	69.7 69.5 69.2 68.9 68.2	43.9 43.4 41.1 39.2 36.2			_									
17.0 18.0 20.0 22.0 24.0	65.2 61.2 57.0 52.6	67.3 66.3 65.0 63.6	33.2 31.0 28.6 26.7	73.0 71.1 67.3 63.4 59.3	68.7 68.3 67.5 66.5 65.4	37.7 37.0 34.2 31.7 29.7									
26.0 28.0 30.0 32.0 34.0	48.0 43.0 37.4 31.0 22.9	61.8 59.8 57.4 54.3 50.2	25.0 23.1 21.5 20.1 18.5	55.1 50.6 45.8 40.5 34.6	64.1 62.5 60.6 58.4 55.7	28.0 26.6 25.0 23.6 22.3	65.0 61.1 56.9 52.6 47.9	65.9 64.8 63.6 62.1 60.4	31.8 30.7 29.3 27.9 26.6						
35.0 36.0 36.6 38.0 40.0	17.5	47.3	17.7	27.6 18.1	52.3 47.3	20.5	42.9 37.3 30.8	58.4 55.9 52.8	25.0 23.7 22.2	55.0 52.1 47.4	60.7 59.7 57.9	26.5 27.2 25.7			
42.0 43.0 44.0 46.0 48.0							22.7 17.3	48.7 45.8	20.5 19.7	42.3 36.7 30.1 21.7	55.9 53.4 50.2 45.9	24.4 23.3 22.2 21.1			
49.0 54.3 55.0 59.0										16.0	42.8	20.5	35.0 33.5 15.8	45.2 44.5 35.3	16.0 16.6 15.4



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0		eza de p	il, Punto lumín (1 i] Posici	916-1) 3	5.5 m Pl		lumín		_		
11.8	78.0	72.7	38.8												
12.0	77.6	72.6	38.8							İ			İ		
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	05.0	20.0	00.0	l					
27.3 28.0	48.0	04.4	22.1	54.5	00.0	04.5	65.0 63.8	68.6 68.3	28.2 28.2						
30.0	43.4	64.1 62.1	20.7	54.5 50.4	66.3 64.7	24.5 23.4	60.1	67.2	26.2						
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	i			i		
38.3										55.0	63.1	23.4	i		
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									
42.0							32.6	55.3	19.9	47.5	60.2	23.0			
44.0							25.8	51.6	18.7	42.9	58.1	21.9			
46.0							16.5	46.2	17.4	37.8	55.7	20.9			
48.0										32.0	52.7	20.0			
50.0										25.0	48.9	19.0			
52.0										15.2	43.2	18.0			
56.7													35.0	46.9	14.8
60.0													24.9	41.5	14.9
62.0													15.1	35.7	14.2



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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 ı		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
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	43.8	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



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 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín				
13.0	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	70.0	77.0	26.2									
19.6 20.0	67.9	76.3	24.1	73.0 72.4	77.3 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 41.7	30.2	58.4	13.9	38.0	62.8	15.3	48.0	67.1	17.9	55.0	68.1	18.1			
42.0	23.9	54.4	13.1	33.1	60.0	14.6	44.1	65.1	16.9	54.8	68.0	19.4			
44.0	15.4	48.6	12.4	27.5	56.4	13.9	39.9	62.9	16.1	51.3	66.4	18.8			
46.0	10.1	10.0		20.5	51.8	13.1	35.3	60.2	15.4	47.6	64.7	18.0			
47.0				15.9	48.6	12.7									
48.0							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	13.2						
55.0										26.5	52.4	14.6			
58.0										15.9	45.2	12.0			10.0
61.7													35.0	50.4	13.0
65.0 68.0													26.4 15.8	45.0 37.8	12.9 11.3
08.0													15.8	3/.8	11.3



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		gulo de principa			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0			ıl, Punto lumín (1			eza de p	lumín				
					Oub] Posici			umm					
13.6	78.0	81.5	27.8												
14.0	77.5	81.4	27.8												
16.0	74.9	80.9	26.1												
18.0	72.2	80.2	24.2												
20.0	69.4	79.5	22.7												
20.5			04.0	73.0	80.1	23.7									
22.0 24.0	66.6 63.8	78.7 77.7	21.0 19.6	70.9 68.2	79.6 78.8	23.0 21.5									
24.0 26.0	60.9	76.7	19.6	65.4	78.8 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	04.7	7-7.1	10.0	00.0	70.0	10.4	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	44.4	68.8	14.4	49.9	71.4	15.9	57.8	74.0	18.3						
38.0	40.6	66.6	13.7	46.5	69.6	15.1	54.7	72.6	17.4						
40.0	36.4	64.0	13.0	42.7	67.5	14.3	51.4	71.1	16.7						
42.0	31.7	61.0	12.4	38.7	65.2	13.6	48.0	69.4	15.9						
43.5										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	00.4	540	44 =	00.0	00.0	40.7	47.0	00.0	40.0			
48.0				23.4 15.4	54.9 49.0	11.7 11.1	36.3 31.6	62.6 59.5	13.7 13.1	47.6 44.0	66.9 64.9	16.0 15.2			
50.0 55.0				15.4	49.0	71.7	31.6 16.3	59.5 48.6	13.1	44.0 33.5	64.9 58.5	15.2 13.6			
60.0							10.3	40.0	10.3	18.4	47.9	12.1			
61.0										15.3	47.9	9.9			
64.1										13.3	73.0	3.3	35.0	52.1	12.3
65.0				Ī									33.5	51.1	12.8
70.0													18.3	40.5	11.4
71.0													15.2	38.1	10.3



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	n Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	7.5 m Pl	eza de p umín	lumín				
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	20.0	20.0	40.0	73.0	83.0	21.1									
22.0	68.2 65.6	82.0 81.1	19.9 18.8	72.2 69.6	82.8 82.1	21.1 20.0				ł			ł		
24.0 26.0	62.9	81.1 80.1	18.8 18.0	69.6 67.0	82.1 81.2	19.2									
28.0	60.1	79.0	17.3	64.4	80.3	18.4				ł			ł		
30.0	57.3	77.7	16.7	61.6	79.3	17.9				i					
32.0	54.3	76.3	16.1	58.8	78.1	17.2									
32.3							65.0	79.5	18.0	İ					
34.0	51.3	74.8	15.6	55.9	76.8	16.6	62.8	78.7	18.3	İ			İ		
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 70.9	16.4	-		
48.0 50.0	22.3 15.9	55.6 50.6	10.8 9.3	30.9 25.7	61.6 57.8	12.5 11.7	41.0 37.2	67.4 64.9	14.3 13.7	50.9 47.7	70.9 69.1	16.0 15.7			
53.0	15.9	50.6	9.5	16.4	57.6 50.6	9.7	37.2	04.9	13.7	47.7	09.1	15.7	l		
55.0				10.4	30.0	9.1	25.3	56.4	12.1	38.7	63.7	14.0	i		
58.0							15.8	49.0	10.5	00.7	00.7	14.0			
60.0										27.5	55.8	12.6			
63.0										17.8	48.4	11.7			
66.6											-		35.0	53.8	11.6
70.0													27.4	48.4	11.1
73.0													16.4	39.9	10.3



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (1 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	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	22.5 22.2 21.1 20.0 19.2	73.0	85.9	19.6									
24.0 26.0 28.0 30.0	67.1 64.6 62.1 59.4 56.7	84.4 83.4 82.4 81.3	18.4 17.8 17.3 16.9	70.9 68.5 66.0 63.5	85.3 84.5 83.6 82.7	19.1 18.5 18.0 17.6									
32.0 33.6 34.0 36.0 38.0	54.0 51.1 48.1	78.6 77.0 75.3	16.4 16.1 15.8 15.1	60.9 58.2 55.5 52.7	81.6 80.4 79.0 77.6	16.8 16.5 16.2	65.0 64.6 62.0 59.4	82.2 82.0 81.0 79.8	17.7 17.7 17.4 17.1						
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	14.2 13.5 12.8 12.2	49.7 46.7 43.4 40.0	75.9 74.1 72.0 69.8	15.8 15.2 14.6 14.1	56.7 53.9 51.0 48.0	78.6 77.1 75.6 73.8	16.7 16.4 16.2 15.7	55.0	75.4	15.5			
48.0 50.0 53.0 55.0	29.7 24.6 15.4	62.6 58.6 51.0	11.5 10.8 9.3	36.2 32.1 18.5	67.1 64.1 53.3	13.7 12.9 10.7	44.8 41.5 31.8	71.9 69.7 62.8	15.1 14.5 13.2	53.6 50.7 42.9	74.7 73.1 68.3	16.1 15.9 14.9			
56.0 60.0 61.0 65.0 66.0				15.9	51.0	10.0	18.0 15.3	51.8 49.4	11.3 10.7	34.2 21.9 18.5	62.3 52.7 49.9	13.6 12.0 11.7			
69.0 70.0 75.0 76.0													35.0 33.5 19.8 18.4	55.5 54.4 43.6 42.4	10.9 11.1 9.9 9.6



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]
				35.0	m Pluma Cab	eza de p	II, Punto Iumín (1: 1] Posici	916-1) 5	3.5 m Plı	eza de p umín	lumín				
15.5	78.0	90.3	20.3												
16.0	77.5	90.2	20.3												
18.0	75.2	89.7	19.3												
20.0	73.0	89.1	18.4												
22.0	70.8	88.4	17.6												
23.1				73.0	88.7	17.6									
24.0	68.5	87.6	16.9	72.0	88.4	17.6									
26.0	66.1	86.8	16.4	69.7	87.7	17.0									
28.0	63.8	85.8	16.0	67.4	86.9	16.6									
30.0	61.3	84.7	15.6	65.1	86.0	16.2									
32.0	58.8	83.6	15.2	62.7	85.0	15.9									
34.0	56.3	82.3	14.9	60.2	83.9	15.6									
34.9							65.0	84.9	16.1						
36.0	53.6	80.8	14.6	57.7	82.7	15.2	63.7	84.4	16.0						
38.0	50.9	79.2	14.4	55.1	81.3	15.0	61.3	83.3	15.7						
40.0	48.1 45.1	77.5 75.6	13.8 13.1	52.4 49.7	79.8 78.2	14.7	58.8 56.2	82.1 80.8	15.4 15.1						
42.0 44.0	45.1	75.6	13.1	49.7 46.8	78.2 76.3	14.4 13.9	53.6	79.4	15.1						
44.0 46.0	38.6	71.0	11.9	43.7	76.3	13.9	50.9	79.4	14.9						
48.0	35.0	68.3	11.4	40.5	72.0	13.4	48.0	76.1	14.7						
48.6	33.0	00.5	11.4	40.5	72.0	13.0	40.0	70.1	17.5	55.0	77.9	14.0			
50.0	31.0	65.1	10.8	37.0	69.5	12.7	45.0	74.1	13.8	53.3	77.0	14.5			
55.0	17.6	53.7	9.2	26.7	61.3	10.9	36.8	68.2	12.8	46.2	72.6	14.2			
59.0				15.4	51.4	9.0				I					
60.0							26.3	59.9	11.3	38.2	67.0	12.9			
63.0							17.5	52.2	10.3						
65.0										29.0	59.8	11.7			
69.0										16.7	49.2	10.6			
71.5													35.0	57.3	10.3
75.0													27.6	51.3	9.6
79.0													17.9	42.9	8.8



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	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]
				35.0 ו		eza de p	ıl, Punto lumín (1 n] Posici	916-1) 5	6.5 m Pli	eza de p umín	lumín		-		
16.1	78.0	93.2	18.5												
18.0	76.0	92.8	18.0												
20.0	73.9	92.2	17.2												
22.0	71.8	91.6	16.3												
24.0	69.7	90.8	15.7	73.0	91.6	16.0									
26.0	67.5	90.0	15.2	70.8	90.9	15.8									
28.0	65.2	89.1	14.8	68.7	90.2	15.4									
30.0	63.0	88.1	14.5	66.5	89.3	15.0									
32.0	60.7	87.0	14.2	64.2	88.4	14.7									
34.0	58.3 55.9	85.8	13.9	61.9	87.3	14.5									
36.0 36.1	55.9	84.5	13.7	59.6	86.2	14.2	65.0	87.6	14.1						
38.0	53.4	83.1	13.5	57.2	84.9	13.9	62.9	86.7	14.1						
40.0	50.8	81.5	13.3	54.8	83.6	13.7	60.6	85.6	14.3						
42.0	48.1	79.7	12.8	52.2	82.0	13.5	58.3	84.4	14.1						
44.0	45.3	77.8	12.2	49.6	80.4	13.2	55.8	83.1	13.9						
46.0	42.3	75.7	11.6	46.8	78.6	12.8	53.3	81.6	13.6						
48.0	39.2	73.3	11.1	44.0	76.6	12.5	50.7	80.1	13.5			İ			
50.0	35.8	70.6	10.7	40.9	74.3	12.1	48.0	78.3	13.2						
50.3										55.0	80.4	12.9			
55.0	25.7	62.1	9.3	32.3	67.5	11.1	40.7	73.1	12.2	49.1	76.7	13.1			
58.0	17.1	54.2	8.5												
60.0				20.7	57.2	9.3	32.0	66.2	11.3	41.9	71.7	12.3			
61.0				17.5	54.2	9.0									
65.0							20.3	55.7	9.8	33.5	65.1	11.5			
66.0							17.0	52.7	9.5	00.5		40.0			
70.0										22.5	55.5 49.7	10.3 9.8			
72.0 73.9										16.2	49.7	9.8	35.0	59.0	9.7
73.9 75.0													35.0	59.0 57.4	9.7 9.4
80.0													23.3	48.9	8.4
82.0													17.4	43.3	8.0



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı		eza de p	ıl, Punto llumín (19 n] Posici	916-1) 5	9.5 m Pli		lumín				
16.8	78.0	96.1	16.1												
18.0	76.8	95.9	15.9												
20.0	74.8	95.3	15.0												
22.0	72.8	94.7	14.3												
24.0	70.7	94.0	13.7												
24.9				73.0	94.5	13.9									
26.0	68.7	93.3	13.3	71.9	94.1	13.8									
28.0	66.5	92.4	12.9	69.8	93.4	13.4									
30.0	64.4	91.5	12.7	67.7	92.6	13.2									
32.0	62.2	90.4	12.4	65.6	91.7	12.8									
34.0	60.0	89.3	12.2	63.4	90.7	12.6									
36.0	57.7	88.1	11.9	61.2	89.6	12.4									
37.4			44 =	50.0	00.4	10.1	65.0	90.4	12.7						
38.0	55.4	86.7	11.7	59.0	88.4	12.1	64.4	90.1	12.7						
40.0	53.0	85.2	11.5	56.7	87.1	11.9	62.2	89.0	12.5						
42.0	50.5 47.9	83.6	11.3	54.3	85.7 84.2	11.7	59.9	87.9	12.2 12.0						
44.0 46.0	47.9 45.2	81.8 79.9	10.9 10.6	51.8 49.3	84.2 82.5	11.5 11.3	57.7 55.3	86.6 85.3	12.0						
48.0	45.2	79.9	10.6	49.3	80.6	11.3	52.9	83.8	11.0						
50.0	39.3	75.3	9.9	43.9	78.6	10.8	50.4	82.2	11.7						
52.1	39.3	13.3	9.9	43.3	70.0	10.0	30.4	02.2	11.5	55.0	82.8	11.4			
55.0	30.8	68.0	9.0	36.3	72.5	10.4	43.7	77.4	11.0	51.4	80.6	11.3			
60.0	19.0	56.9	7.7	26.9	64.1	9.1	36.1	71.2	10.6	44.8	76.0	11.0			
61.0	15.6	53.5	7.5	20.0	0	0	00.1								
64.0				16.0	53.6	7.9									
65.0							26.6	62.8	9.4	37.4	70.1	10.6			
69.0							15.5	52.0	8.4						
70.0										28.3	62.1	9.8			
75.0										17.0	51.2	8.6			
76.4													35.0	60.7	8.8
80.0													29.4	55.8	8.1
85.0													16.9	43.8	7.2



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		gulo de orincipa			gulo de orincipa		75° Án	gulo de orincipa	pluma l		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 6:	2.5 m Pl	eza de p umín	lumín				
17.4 18.0 20.0 22.0 24.0	78.0 77.5 75.6 73.6 71.7	99.1 98.9 98.4 97.9 97.2	14.5 14.5 13.8 13.2 12.7												
25.8 26.0 28.0 30.0 32.0	69.7 67.7 65.7 63.7	96.5 95.7 94.8 93.8	12.2 11.9 11.6 11.4	73.0 72.8 70.8 68.8 66.8	97.3 97.3 96.6 95.8 95.0	12.6 12.6 12.4 12.1 11.8									
34.0 36.0 38.0 38.7	61.6 59.5 57.3	92.8 91.6 90.3	11.2 11.0 10.8	64.8 62.7 60.6	94.1 93.0 91.9	11.5 11.3 11.1	65.0	93.1 92.4	11.5 11.4						
40.0 42.0 44.0 46.0 48.0 50.0	55.0 52.7 50.4 47.9 45.3 42.6	89.0 87.5 85.8 84.1 82.1 80.0	10.5 10.4 10.2 9.9 9.6 9.4	58.5 56.3 54.0 51.7 49.3 46.7	90.7 89.4 88.0 86.4 84.7 82.9	10.9 10.7 10.5 10.4 10.2 10.0	63.6 61.5 59.4 57.2 55.0 52.7	91.3 90.2 88.9 87.5 86.0	11.4 11.2 11.0 10.8 10.6 10.5						
53.8 55.0 60.0 64.0 65.0	35.2 26.0 15.2	73.6 64.9 53.9	8.8 7.8 6.9	40.0 32.0 21.5	77.4 70.4 60.2	9.7 9.0 7.8	46.6 39.8 31.7	81.7 76.2 69.1	10.2 9.9	55.0 53.6 47.6	85.3 84.4 80.2 74.9	10.3 10.3 10.0			
67.0 70.0 72.0 75.0 78.0				15.6	54.0	7.3	21.2 15.1	58.7 52.4	8.2 7.8	33.1 23.2 16.5	68.1 58.5 51.7	9.6 9.6 8.6 7.8			
78.9 80.0 85.0 88.0										10.0	V1	7.0	35.0 34.1 24.5 16.5	62.4 61.6 52.5 44.2	8.2 8.0 7.1 6.6



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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]
				35.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 6	5.5 m Pl		lumín				
18.1	78.0	102.0	13.2												
20.0	76.2	101.5	12.8												
22.0	74.4	101.0	12.3							•					
24.0	72.6	100.4	11.8												
26.0	70.7	99.7	11.4												
26.6				73.0	100.2	11.6									
28.0	68.8	98.9	11.1	71.7	99.8	11.5									
30.0	66.9	98.1	10.8	69.9	99.0	11.2									
32.0	65.0	97.2	10.5	68.0	98.2	11.0									
34.0	63.0	96.2	10.3	66.0	97.4	10.7									
36.0	61.0	95.1	10.1	64.1	96.4	10.5									
38.0	59.0	93.9	9.9	62.1	95.4	10.3	05.0	05.0	40.5	ł					
39.9 40.0	56.9	92.6	9.6	60.1	94.2	10.0	65.0 64.9	95.8 95.8	10.5 10.5	ł					
40.0	54.7	92.6	9.6	58.0	94.2	9.8	63.0	95.6	10.5						
44.0	52.5	89.7	9.4	55.9	91.7	9.6	61.0	93.7	10.4						
46.0	50.3	88.1	9.2	53.7	90.2	9.6	58.9	92.5	10.2						
48.0	47.9	86.3	8.8	51.5	88.7	9.3	56.8	91.2	9.8	i					
50.0	45.5	84.4	8.6	49.2	87.0	9.1	54.7	89.8	9.6	i			i		
55.0	38.8	78.7	8.1	43.0	82.0	8.7	49.0	85.8	9.2						
55.5	00.0		0.1	10.0	02.0	0	10.0	00.0	0.2	55.0	87.7	9.3			
60.0	31.0	71.4	7.5	36.0	75.8	8.3	42.9	80.8	8.9	50.0	84.2	9.1			
65.0	20.8	60.8	6.6	27.6	67.6	7.5	35.8	74.6	8.6	43.9	79.4	8.8	i		
67.0	16.9	56.6	5.9												
70.0				15.2	54.4	6.6	27.3	66.2	7.9	37.0	73.4	8.6			
75.0							16.8	55.1	6.6	28.8	65.5	8.1			
80.0				I						17.3	53.4	7.5			
81.0										16.2	52.1	6.8			
81.3													35.0	64.1	7.5
85.0													29.8	59.1	6.8
90.0													19.1	47.9	6.0
91.0													16.1	44.6	5.9



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

		gulo de orincipa			gulo de orincipa			gulo de 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 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				
18.7 20.0 22.0 24.0 26.0 27.5	78.0 76.9 75.1 73.4 71.6	104.9 104.6 104.1 103.5 102.9	12.2 12.0 11.4 11.0 10.7	73.0	103.1	10.7									
28.0 30.0 32.0 34.0	69.8 68.0 66.2 64.3	102.2 101.4 100.5 99.5	10.4 10.1 9.8 9.6	72.6 70.8 69.0 67.2	102.9 102.2 101.5 100.7	10.7 10.5 10.3 10.1									
36.0 38.0 40.0 41.2	62.4 60.5 58.5	98.5 97.4 96.2	9.4 9.2 8.9	65.3 63.4 61.5	99.7 98.8 97.7	9.8 9.6 9.4	65.0	98.5	9.7						
42.0 44.0 46.0 48.0 50.0	56.5 54.4 52.3 50.2 47.9	94.9 93.5 91.9 90.3 88.5	8.7 8.5 8.3 8.2 8.0	59.6 57.6 55.6 53.5 51.4	96.5 95.3 93.9 92.5 90.9	9.2 8.9 8.7 8.6 8.4	64.3 62.4 60.4 58.5 56.5	98.1 97.1 96.0 94.8 93.5	9.7 9.6 9.3 9.2 9.0						
55.0 57.2 60.0 65.0 70.0	35.1 26.7 16.5	77.0 68.4 57.0	7.5 7.1 6.4 5.3	39.4 32.1 22.9	86.4 80.8 73.7 63.8	7.9 7.5 7.0 6.4	51.2 45.5 39.2 31.9	89.7 85.2 79.6 72.4	8.5 8.1 7.7 7.3	55.0 52.1 46.5 40.3	90.2 88.1 83.7 78.3	8.6 8.5 8.1 7.8			
73.0 75.0 78.0 80.0 83.8				16.8	57.0	5.6	22.6 16.4	62.4 55.5	6.9 5.9	33.2 24.3	71.4 62.0	7.5 7.1	35.0	65.9	6.9
84.0 85.0 90.0 94.0										15.8	52.5	6.1	33.1 25.4 15.7	64.0 56.0 45.0	6.6 5.9 5.2



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 7	1.5 m Pl		lumín				
19.3	78.0	107.9	10.9												
20.0	77.4	107.7	10.9	l											
22.0	75.8	107.2	10.4												
24.0	74.1	106.7	10.0												
26.0	72.4	106.0	9.7												
28.0	70.7	105.4	9.4												
28.4				73.0	105.9	9.6									
30.0	69.0	104.6	9.2	71.6	105.4	9.6									
32.0	67.2	103.8	9.0	69.9	104.7	9.3									
34.0	65.5	102.9	8.8	68.2	103.9	9.2									
36.0	63.7 61.8	101.9 100.8	8.6 8.4	66.4 64.7	103.1 102.1	8.9 8.7							ł		
38.0 40.0	60.0	99.7	8.4	62.8	102.1	8.7									
40.0	58.1	98.5	8.0	61.0	100.0	8.4							ł		
42.5	30.1	30.5	0.0	01.0	100.0	0.4	65.0	101.2	8.7						
44.0	56.2	97.1	7.9	59.1	98.8	8.2	63.6	100.5	8.6						
46.0	54.2	95.7	7.7	57.2	97.6	8.0	61.8	99.4	8.5						
48.0	52.2	94.2	7.6	55.3	96.2	7.9	60.0	98.3	8.3	i					
50.0	50.1	92.5	7.4	53.3	94.7	7.7	58.1	97.0	8.2	i			Ī		
55.0	44.6	87.8	7.1	48.0	90.5	7.4	53.2	93.5	7.8						
58.9										55.0	92.6	7.7			
60.0	38.4	82.0	6.7	42.3	85.5	7.1	47.9	89.3	7.5	54.0	91.9	7.7			
65.0	31.3	74.7	6.3	35.8	79.2	6.8	42.1	84.2	7.2	48.8	87.8	7.4			
70.0	22.1	64.5	5.7	28.1	71.0	6.3	35.7	77.9	7.0	43.1	82.8	7.2			
73.0	16.2	57.4	4.8												
75.0				17.5	58.7	5.7	27.9	69.6	6.5	36.7	76.7	7.0			
76.0				16.5	57.5	5.1									
80.0							17.1	57.2	6.1	29.2	68.8	6.7			
81.0							16.1	55.9	5.5	40.0	F7.4	0.4			
85.0 86.2				-						19.2	57.4	6.4	35.0	67.6	6.2
86.2 87.0										15.4	52.9	5.8	ან.0	07.6	0.2
90.0				l						15.4	52.9	0.0	30.2	62.5	5.6
95.0				i									20.7	51.7	4.9
97.0													15.4	45.4	4.6



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa		65° Án	gulo de orincipa	pluma I		gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 7	4.5 m Pl	eza de p umín	lumín		-		
19.9 20.0 22.0 24.0 26.0	78.0 77.9 76.4 74.8 73.1	110.8 110.8 110.3 109.8 109.2	9.9 9.9 9.7 9.2 8.9												
28.0 29.3 30.0 32.0 34.0	71.5 69.9 68.2 66.5	108.5 107.8 107.0 106.2	8.7 8.5 8.3 8.1	73.0 72.4 70.8 69.1	108.8 108.6 107.9 107.1	8.8 8.8 8.6 8.4									
36.0 38.0 40.0 42.0	64.8 63.1 61.3 59.5	105.2 104.2 103.2 102.0	7.9 7.7 7.6 7.5	67.4 65.8 64.0 62.3	106.3 105.4 104.5 103.4	8.2 8.0 7.8 7.7	05.0	103.9	7.8						
43.7 44.0 46.0 48.0 50.0 55.0	57.7 55.9 54.0 52.0 46.9	100.7 99.4 98.0 96.4 92.1	7.3 7.2 7.1 7.0 6.7	60.5 58.7 56.9 55.0 50.1	102.3 101.1 99.8 98.5 94.5	7.6 7.4 7.3 7.1 6.9	65.0 64.8 63.1 61.3 59.5 54.9	103.9 103.8 102.8 101.7 100.6 97.3	7.8 7.8 7.8 7.6 7.5 7.2						
60.0 60.7 65.0 70.0 75.0	41.3 34.9 27.4 16.9	86.8 80.3 71.8 59.2	6.4 6.2 5.6 5.0	39.0 32.2 23.9	89.9 84.2 77.0 67.4	6.5 6.2 5.6	50.0 44.7 38.8 32.0	93.4 88.6 82.9 75.7	6.9 6.7 6.6 6.3	55.0 50.8 45.5 39.8	95.1 91.7 87.2 81.6	6.9 6.8 6.6 6.5			
76.0 79.0 80.0 84.0 85.0	15.8	57.8	4.4	16.1	57.9	4.7	23.6 15.7	66.0 56.3	5.9 5.2	33.2 25.2	74.7 65.6	6.3			
88.7 90.0 95.0 100.0										15.1	53.3	5.5	35.0 33.2 26.2 15.0	69.3 67.3 59.4 45.8	5.7 5.5 4.8 4.2



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 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]
				35.0 ı	m Pluma Cab	eza de p	il, Punto lumín (1 n] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.6	78.0	113.7	8.9						<u> </u>						
22.0	76.9	113.4	8.8												
24.0	75.4	112.9	8.4												
26.0	73.8	112.3	8.1												
28.0	72.3	111.7	7.9												
30.0	70.7	111.0	7.7												
30.1				73.0	111.7	7.9									
32.0	69.1	110.3	7.5	71.5	111.1	7.8									
34.0	67.5	109.4	7.3	70.0	110.4	7.6									
36.0	65.9 64.2	108.6 107.6	7.1 6.9	68.4 66.8	109.6 108.7	7.4 7.2				.					
38.0 40.0	62.5	107.6	6.8	65.1	108.7	7.2									
40.0 42.0	60.8	105.5	6.7	63.5	107.8	6.9				ł					
44.0	59.1	103.3	6.5	61.8	105.8	6.8									
45.0	00.1	104.0	0.0	01.0	100.0	0.0	65.0	106.7	7.0	i					
46.0	57.4	103.0	6.4	60.1	104.6	6.6	64.2	106.2	7.0						
48.0	55.6	101.7	6.3	58.3	103.4	6.5	62.5	105.2	6.8	l					
50.0	53.7	100.2	6.2	56.6	102.1	6.4	60.8	104.1	6.7						
55.0	48.9	96.1	5.9	52.0	98.4	6.1	56.4	100.9	6.4						
60.0	43.8	91.3	5.7	47.0	94.1	5.9	51.8	97.2	6.1						
62.4										55.0	97.6	6.1			
65.0	38.0	85.4	5.5	41.7	88.9	5.7	46.9	92.9	5.9	52.6	95.6	6.0			
70.0	31.4	78.0	5.2	35.7	82.5	5.6	41.5	87.6	5.8	47.7	91.3	5.8			
75.0	23.2	68.1	4.8	28.6	74.3	5.2	35.5	81.2	5.6	42.4	86.2	5.7			
79.0 80.0	15.5	58.2	4.0	19.3	62.8	4.8	28.4	73.0	5.4	36.5	80.0	5.6			
82.0				15.8	58.3	4.6	20.4	73.0	5.4	30.5	60.0	5.0			
85.0				10.0	30.3	4.3	18.9	61.3	5.1	29.6	72.2	5.5			
87.0							15.4	56.7	4.7	23.0	12.2	0.0			
90.0										20.7	61.3	5.4			
91.1										T			35.0	71.0	5.1
92.0										15.9	55.0	5.3			
95.0													30.4	65.8	4.6
100.0													21.9	55.5	3.9
102.0													17.5	49.8	3.7



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 8	0.5 m Plı	eza de p umín	lumín				
21.2	78.0	116.7	8.1												
22.0	77.4	116.5	8.1												
24.0	75.9	116.0	7.7												
26.0	74.4	115.5	7.4												
28.0	72.9	114.9	7.2												
30.0	71.4	114.2	7.0												
31.0				73.0	114.6	7.1									
32.0	69.9	113.5	6.8	72.3	114.2	7.1									
34.0	68.4	112.7	6.7	70.8	113.6	7.0									
36.0	66.8	111.8	6.5	69.2	112.8	6.8									
38.0	65.3	110.9	6.3	67.7	112.0	6.6									
40.0 42.0	63.7 62.0	110.0 108.9	6.2 6.1	66.1 64.5	111.1 110.2	6.4 6.3									
42.0 44.0	60.4	106.9	5.9	62.9	10.2	6.1									
46.0	58.7	107.6	5.8	61.3	108.1	6.0									
46.3	30.7	100.0	5.0	01.5	100.1	0.0	65.0	109.4	6.3						
48.0	57.0	105.3	5.7	59.7	106.9	5.9	63.6	108.5	6.2						
50.0	55.3	103.9	5.6	58.0	105.7	5.8	62.0	107.5	6.1						
55.0	50.8	100.1	5.3	53.6	102.2	5.5	57.9	104.5	5.8						
60.0	46.0	95.6	5.1	49.0	98.1	5.3	53.5	101.0	5.5						
64.1										55.0	100.0	5.4			
65.0	40.7	90.2	4.9	44.0	93.3	5.1	48.9	96.9	5.3	54.2	99.4	5.4			
70.0	34.8	83.6	4.8	38.6	87.5	4.9	43.9	92.1	5.1	49.6	95.4	5.2			
75.0	27.9	75.2	4.5	32.3	80.3	4.7	38.4	86.3	5.0	44.7	90.6	5.1			
80.0	18.7	63.3	4.1	24.8	70.9	4.5	32.2	79.1	4.9	39.3	85.0	4.9			
82.0	15.2	58.6	3.6												
85.0				15.5	58.7	3.9	24.5	69.6	4.8	33.2	78.0	4.8			
90.0							15.1	57.1	4.3	25.9	69.0	4.8			
93.6													35.0	72.7	4.5
95.0										15.6	55.5	4.8	33.2	70.6	4.4
100.0													26.8	62.8	3.7
105.0	l												17.1	50.2	3.1



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

		gulo de 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]
				35.0	m Pluma Cab	eza de p	il, Punto lumín (1 n] Posici	916-1) 8	3.5 m Pl		lumín				
21.8	78.0	119.6	7.3												
22.0	77.9	119.6	7.3												
24.0	76.4	119.1	7.1												
26.0	75.0	118.6	6.8												
28.0	73.6	118.0	6.6												
30.0 31.9	72.1	117.4	6.4	73.0	117.4	6.4									
32.0	70.7	116.7	6.2	73.0	117.4	6.4				ł			ł		
34.0	69.2	115.9	6.1	71.5	116.7	6.3				i			i		
36.0	67.7	115.1	5.9	70.0	116.0	6.2				Ī					
38.0	66.2	114.2	5.8	68.5	115.2	6.0									
40.0	64.7	113.3	5.6	67.0	114.4	5.9									
42.0	63.1	112.3	5.5	65.5	113.5	5.7									
44.0	61.6	111.2	5.4	64.0	112.5	5.6									
46.0	60.0	110.1	5.3	62.4	111.5	5.5									
47.6	50.4	400.0	5.0	00.0	440.4		65.0	112.1	5.6						
48.0 50.0	58.4 56.7	108.9 107.6	5.2 5.1	60.9 59.3	110.4 109.2	5.4 5.2	64.7 63.1	111.9 110.9	5.6 5.5				ł		
55.0	52.5	107.0	4.8	55.1	105.2	5.0	59.2	108.1	5.2	i			i		
60.0	48.0	99.7	4.6	50.8	103.3	4.8	55.0	104.8	5.0						
65.0	43.1	94.7	4.4	46.2	97.6	4.6	50.7	100.9	4.8						
65.8										55.0	102.5	4.8	i		
70.0	37.7	88.7	4.2	41.1	92.2	4.4	46.0	96.4	4.6	51.4	99.3	4.7			
75.0	31.6	81.3	4.0	35.5	85.8	4.2	41.0	91.0	4.4	46.8	94.9	4.5			
80.0	24.1	71.7	3.7	29.0	77.7	4.0	35.4	84.5	4.3	41.8	89.7	4.4			
84.0	15.9	60.4	3.5												
85.0				20.6	66.6 59.1	3.8 3.3	28.8	76.4	4.2	36.3	83.4	4.3			
88.0 90.0				15.2	59.1	3.3	20.4	65.2	4.0	29.9	75.5	4.2			
92.0							15.8	58.9	4.0	29.9	13.3	4.2			
95.0							10.0	00.0	7.0	21.9	65.0	4.2			
96.1													35.0	74.5	3.9
98.0										15.3	55.8	4.1			
100.0													29.9	68.1	3.5
105.0													23.0	59.1	2.9
108.0													16.8	50.6	2.6



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

		gulo de orincipa			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]
				35.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 8	6.5 m Plı	eza de p umín	lumín				
22.4 24.0 26.0 28.0 30.0 32.0	78.0 76.9 75.6 74.2 72.8 71.4	122.6 122.2 121.7 121.1 120.5 119.8	6.6 6.5 6.3 6.1 5.9												
32.8 34.0 36.0 38.0 40.0	70.0 68.5 67.1 65.6	119.1 118.4 117.5 116.6	5.6 5.5 5.3 5.2	73.0 72.1 70.7 69.3 67.9	120.3 119.9 119.2 118.5 117.7	5.9 5.9 5.7 5.5 5.4									
42.0 44.0 46.0 48.0	64.2 62.7 61.1 59.6	115.7 114.6 113.6 112.4	5.1 5.0 4.9 4.8	66.4 65.0 63.5 62.0	116.8 115.9 114.9 113.8	5.3 5.1 5.0 4.9	05.0	114.8	5.1						
48.8 50.0 55.0 60.0 65.0	58.0 54.0 49.8 45.2	111.2 107.7 103.7 99.1	4.6 4.4 4.2 4.0	60.5 56.5 52.4 48.1	112.7 109.6 105.9 101.7	4.8 4.6 4.4 4.2	65.0 64.1 60.3 56.4 52.3	114.8 114.2 111.6 108.4 104.8	5.1 5.1 4.8 4.6 4.4						
67.6 70.0 75.0 80.0 85.0	40.3 34.7 28.3 20.1	93.5 86.9 78.6 67.2	3.8 3.6 3.4 3.2	43.4 38.2 32.4 25.5	96.7 90.9 83.7 74.4	3.9 3.8 3.6 3.4	47.9 43.2 38.1 32.3	100.5 95.5 89.6 82.4	4.2 4.0 3.8 3.7	55.0 53.0 48.7 44.0 39.0	104.9 103.1 99.0 94.1 88.3	4.3 4.3 4.1 4.0 3.8			
87.0 90.0 95.0 98.5 100.0	15.6	60.8	3.1	15.9	60.9	3.3	25.3 15.5	73.1 59.3	3.6 3.4	33.3 26.5 17.4	81.4 72.5 59.8	3.7 3.6 3.5	35.0 33.2	76.2 74.0	3.5 3.3
101.0 105.0 110.0 111.0										16.6	58.5	3.0	27.3 18.7 16.5	66.3 54.3 51.1	2.8 2.2 2.1



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

		gulo de orincipa			gulo de orincipa		75° Án I	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	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 8	9.5 m Pl	eza de p umín	lumín				
23.0 24.0 26.0 28.0 30.0 32.0 33.7 34.0 36.0 38.0 40.0 42.0 44.0 46.0 45.0 50.0 50.0	78.0 77.4 76.0 74.7 73.4 72.0 70.7 69.3 67.9 66.5 65.1 63.7 62.2 60.7 59.2	125.5 125.3 124.8 124.2 123.7 123.0 122.3 121.6 120.8 119.0 118.0 117.0 115.9	5.8 5.8 5.6 5.4 5.2 5.1 4.9 4.8 4.7 4.5 4.4 4.3 4.2 4.1	73.0 72.8 71.4 70.0 68.7 67.3 65.9 64.4 63.0 61.5	123.2 123.1 122.4 121.7 120.9 120.1 119.2 118.2 117.2	5.1 5.1 5.0 4.9 4.7 4.6 4.5 4.4 4.3	65.0	117.5	4.3						
55.0 60.0 65.0	55.4 51.4 47.1	111.4 107.6 103.2	3.8 3.6 3.4	57.8 53.9 49.8	113.2 109.7 105.7	3.9 3.7 3.5	61.4 57.7 53.8	115.0 112.0 108.5	4.1 3.9 3.7						
69.3 70.0 75.0 80.0 85.0 90.0 93.0 95.0 98.0	42.5 37.5 31.7 24.9 15.3	98.1 92.1 84.7 75.2 61.2	3.2 3.0 2.9 2.7 2.5	45.4 40.7 35.4 29.3 21.7 15.6	101.1 95.6 89.1 81.1 70.4 61.3	3.4 3.2 3.0 2.9 2.7 2.6	49.7 45.3 40.5 35.2 29.1 21.5 15.3	104.5 99.9 94.4 87.8 79.7 68.9 59.7	3.6 3.4 3.2 3.1 3.0 2.8 2.7	55.0 54.4 50.3 46.0 41.3 36.1 30.2 22.9	107.4 106.9 102.9 98.4 93.0 86.7 78.9	3.6 3.6 3.5 3.3 3.2 3.1 3.0			
101.0 104.0 105.0 110.0										16.3	58.9	2.5	35.0 30.1 23.8	77.9 71.5 62.7	2.8 2.5 2.0



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

		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	II, Punto Ilumín (1 1] Posici	916-1) 9:	2.5 m Pli	eza de p umín	lumín				
23.7	78.0	128.4	5.2												
24.0	77.8	128.3	5.2												
26.0	76.5	127.9	5.0												
28.0	75.2	127.4	4.8												
30.0	73.9	126.8	4.7												
32.0	72.6 71.3	126.2	4.5												
34.0 34.5	/1.3	125.5	4.4	73.0	126.0	4.5									
36.0	70.0	124.8	4.3	73.0	125.6	4.5									
38.0	68.7	124.0	4.3	70.7	123.0	4.3									
40.0	67.3	123.2	4.0	69.4	124.1	4.2									
42.0	66.0	122.3	3.9	68.1	123.3	4.1									
44.0	64.6	121.4	3.8	66.7	122.5	4.0							i		
46.0	63.2	120.4	3.7	65.3	121.6	3.8							İ		
48.0	61.8	119.3	3.6	64.0	120.6	3.7							İ		
50.0	60.4	118.2	3.5	62.6	119.6	3.6									
51.4							65.0	120.3	3.7						
55.0	56.7	115.1	3.3	59.0	116.7	3.4	62.5	118.4	3.6						
60.0	52.9	111.5	3.1	55.3	113.4	3.2	58.9	115.6	3.4						
65.0	48.8	107.3	2.9	51.4	109.6	3.0	55.2	112.3	3.2						
70.0	44.5	102.5	2.7	47.2	105.3	2.9	51.2	108.5	3.0						
71.0										55.0	109.8	3.1			
75.0	39.9	96.9	2.6	42.8	100.2	2.7	47.1	104.1	2.9	51.9	106.8	3.0			
80.0	34.7	90.2	2.4	38.0	94.2	2.6	42.7	99.0	2.8	47.8	102.5	2.8			
85.0	28.7	82.0	2.3	32.5	87.0	2.5	37.8	92.9	2.6	43.4	97.5	2.7			
90.0				26.1	77.9	2.3	32.4	85.7	2.5	38.6	91.7	2.6			
95.0							25.9	76.5	2.4	33.3	84.7	2.5			
100.0 103.4										27.0	75.9	2.4	25.0	79.6	2.3
103.4										18.9	63.8	2.3	35.0 33.2	79.6 77.3	2.3
105.0										16.0	59.4	2.3	33.2	11.3	2.3
107.0										10.0	J9. 4	2.0	30.4	73.3	2.0



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

	88° Án I	gulo de principa	pluma I	83° Án I	gulo de principa	pluma I	75° Án I	gulo de orincipa	pluma I	65° Án	gulo de orincipa	pluma I	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	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín				
24.3	78.0	131.4	4.8												
26.0	76.9	131.0	4.7												
28.0	75.7	130.5	4.5												
30.0	74.5	129.9	4.4												
32.0	73.2	129.3	4.2												
34.0	71.9	128.7	4.1												
35.4				73.0	128.9	4.2									
36.0	70.7	128.0	4.0	72.6	128.7	4.2				•			<u> </u>		
38.0	69.4	127.2	3.9	71.4	128.0	4.1									
40.0	68.1	126.4	3.7	70.1	127.3	3.9									
42.0	66.8	125.6	3.6	68.8	126.6	3.8									
44.0	65.4	124.7	3.5	67.5	125.7	3.7									
46.0	64.1	123.7	3.4	66.2	124.9	3.6									
48.0	62.7	122.7	3.4	64.8	123.9	3.5									
50.0	61.4	121.6	3.3	63.5	123.0	3.4									
52.6							65.0	123.0	3.4						
55.0	57.9	118.6	3.0	60.1	120.2	3.2	63.4	121.8	3.4						
60.0	54.2	115.2	2.8	56.5	117.1	2.9	60.0	119.1	3.2						
65.0	50.4	111.3	2.6	52.8	113.5	2.7	56.4	115.9	3.0						
70.0	46.3	106.8	2.3	48.9	109.3	2.5	52.7	112.3	2.7						
72.7										55.0	112.3	2.8			
75.0							48.8	108.1	2.5	53.3	110.6	2.7			
80.0							44.6	103.3	2.3	49.4	106.6	2.5			
85.0	1		l	I	l	1		1	1	45.3	101.9	2.3	I	l	l



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]
				38.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 3	8.5 m Pli	eza de p umín	lumín				
12.5	78.0	78.6	61.2												
13.0	77.2	78.5	61.2												
14.0	75.7	78.2	57.7												
16.0	72.6	77.6	48.5												
18.0	69.4	76.9	41.5												
19.1				73.0	77.4	51.1									
20.0	66.2	76.1	35.3	71.6	77.1	50.8									
22.0	62.9	75.1	30.6	68.4	76.3	46.2									
24.0	59.4	73.9	27.2	65.1	75.4	40.4									
26.0	55.9	72.6	24.5	61.8	74.4	35.6									
28.0	52.2	71.1	22.3	58.3	73.2	31.9									
29.3	40.0	00.4	00.0	547	74.0	00.7	65.0	74.2	30.1						
30.0 32.0	48.2 44.1	69.4 67.4	20.6 19.1	54.7 50.9	71.8 70.3	28.7 26.3	63.9 60.5	73.9 72.8	33.5 31.3						
34.0	39.5	65.1	17.9	46.9	68.5	24.1	57.0	71.6	29.6						
36.0	34.5	62.4	16.8	42.6	66.4	22.2	53.4	70.1	27.8						
38.0	28.7	59.0	15.9	38.0	64.0	20.5	49.5	68.5	26.4						
40.0	21.4	54.6	15.9	32.7	61.1	19.2	45.4	66.6	24.9						
41.0	16.6	51.5	14.6	02.7	01.1	10.2	40.4	00.0	24.0						
41.3										55.0	68.3	21.7			
42.0				26.5	57.4	18.0	41.0	64.4	23.6	53.9	67.9	22.5			
44.0				18.5	52.4	16.7	36.1	61.8	22.5	50.1	66.3	21.4			
46.0		İ					30.6	58.7	21.6	46.0	64.4	20.6			
48.0							23.9	54.7	20.6	41.7	62.3	19.5			
50.0							16.4	49.9	15.1	36.9	59.8	18.7			
55.0										21.0	50.4	17.0			
56.0										16.2	47.3	16.7			
61.3													35.0	50.8	11.7
65.0													25.6	45.3	10.7
67.0													17.0	39.9	10.1



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

		gulo de principa			gulo de orincipa			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]
				38.0	m Pluma Cab	eza de p	al, Punto Ilumín (2 n l Posici	316-1) 4	1.5 m Pli	eza de p umín	lumín		_		
13.1 14.0 16.0 18.0 20.0	78.0 76.7 73.9 71.0 68.0	81.5 81.3 80.8 80.1 79.3	55.5 55.4 48.1 40.6 35.2	73.0	80.2	47.3									
22.0 24.0 26.0 28.0 30.0	65.0 61.9 58.7 55.3 51.9	78.4 77.4 76.2 74.9 73.4	30.3 26.7 24.1 22.0 20.3	70.0 67.0 64.0 60.9 57.6	79.5 78.7 77.8 76.7 75.5	45.1 41.4 36.0 32.3 29.0									
30.6 32.0 34.0 36.0 38.0	48.2 44.4 40.2 35.6	71.6 69.7 67.4 64.8	18.9 17.6 16.5 15.5	54.3 50.7 47.0 43.1	74.1 72.5 70.7 68.7	26.3 24.2 22.3 20.6	65.0 62.9 59.7 56.4 53.0	76.9 76.2 75.1 73.8 72.4	31.2 30.6 28.7 27.1 25.5						
40.0 42.0 43.0 44.0 46.0	30.5 24.3 16.0	61.6 57.6 51.9	14.7 13.9 13.1	38.8 34.1 28.6 22.0	66.3 63.5 60.1 55.7	19.0 17.8 16.7 15.6	49.4 45.6 41.6 37.1	70.7 68.8 66.7 64.2	24.4 23.0 21.9 20.9	55.0 53.5 49.9	70.8 70.1 68.5	20.0 20.9 19.8			
47.0 48.0 50.0 53.0 55.0				17.8	52.8	15.1	32.2 26.4 15.8	61.2 57.5 50.3	20.0 19.0 15.1	46.2 42.2 30.2	66.7 64.6 57.5	19.0 18.1 16.5			
59.0 63.8 65.0 70.0										15.5	47.7	15.3	35.0 33.3 16.4	52.5 51.5 40.3	10.6 10.3 8.9



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										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	lumín (2	316-1) 4	4.5 m Pli	eza de p umín	lumín				
						22.0 [m	ı] Posici	ón midfa	II (2316)						
13.7	78.0	84.5	50.6												
14.0	77.7	84.4	50.6												
16.0	75.0 72.3	83.9	46.7 40.3												
18.0 20.0	69.6	83.3 82.6	34.8												
20.8	09.0	02.0	34.0	73.0	83.1	44.1									
22.0	66.8	81.7	30.1	71.4	82.7	43.7									
24.0	63.9	80.8	26.3	68.7	82.0	40.6									
26.0	61.0	79.7	23.5	65.9	81.1	36.6									
28.0	58.0	78.5	21.6	63.0	80.1	32.5									
30.0	54.9	77.1	20.0	60.1	79.0	29.5									
31.8							65.0	79.7	28.3						
32.0	51.6	75.6	18.6	57.0	77.7	26.6	64.8	79.6	28.8						
34.0	48.2	73.9	17.4	53.9	76.3	24.3	61.9	78.6	27.9						
36.0	44.6	71.9	16.3	50.6	74.7	22.4	59.0	77.4	26.2						
38.0	40.8	69.7	15.3	47.1	72.9	20.7	55.9	76.1	24.7						
40.0	36.6	67.2	14.4	43.4	70.9	19.2	52.7	74.6	23.4						
42.0 44.0	31.9 26.6	64.1 60.5	13.6 13.0	39.5 35.2	68.6 65.9	17.8 16.7	49.3 45.8	73.0 71.1	22.4 21.2						
44.0	20.0	00.5	13.0	35.2	65.9	10.7	45.6	/ 1.1	21.2	55.0	73.2	18.3			
46.0	19.8	55.6	12.2	30.3	62.7	15.7	42.0	69.0	20.2	53.1	72.4	19.2			
47.0	15.4	52.3	11.9	00.0	02.7	10.7	72.0	00.0	20.2	00.1	/ _ ¬	10.2			
48.0		02.0		24.6	58.7	14.7	38.0	66.5	19.3	49.8	70.7	18.2			
50.0		İ		17.1	53.3	13.7	33.5	63.7	18.5	46.3	68.9	17.4			
55.0							18.3	53.0	16.4	36.4	63.1	15.9			
56.0							15.2	50.7	15.0						
60.0										23.2	54.1	14.5			
62.0										16.6	49.3	12.8			
66.2													35.0	54.2	9.7
70.0													26.8	48.7	8.8
73.0													15.8	40.7	8.1



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 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]
				38.0	m Pluma Cab	eza de p	al, Punto Jumín (2 n l Posici	316-1) 4	7.5 m Pl	eza de p umín	lumín				
	700	07.4	40.0	1		23.0 [11	1 1 03101	I	11 (2310)						
14.4 16.0	78.0 76.0	87.4 87.0	46.2 45.2												
18.0	73.5	86.4	40.1												
20.0	70.9	85.8	34.0												
21.7	70.0	00.0	04.0	73.0	86.0	40.8									
22.0	68.3	85.0	29.8	72.6	85.9	40.8									
24.0	65.7	84.1	26.1	70.1	85.2	39.3									
26.0	63.0	83.1	23.3	67.5	84.4	36.9									
28.0	60.2	82.0	21.2	64.8	83.5	32.7		İ	İ						
30.0	57.4	80.8	19.6	62.1	82.4	29.5									
32.0	54.5	79.4	18.1	59.3	81.3	26.8									
33.1							65.0	82.4	27.2						
34.0	51.4	77.8	17.0	56.5	80.0	24.3	63.9	82.0	27.6						
36.0	48.2	76.1	15.9	53.5	78.6	22.3	61.1	80.9	26.1						
38.0	44.9	74.2	14.9	50.4	77.0	20.6	58.3	79.7	24.8						
40.0	41.3	72.0	14.0	47.2	75.2	19.1	55.4	78.4	23.3						
42.0	37.4	69.5	13.2	43.8	73.2	17.7	52.4	76.9	22.2						
44.0	33.2	66.6	12.5	40.1	70.9	16.5	49.3	75.2	21.3						
46.0 46.4	28.4	63.2	11.9	36.1	68.3	15.4	46.0	73.3	20.2	55.0	75.7	17.6			
48.0	22.6	58.8	11.3	31.7	65.2	14.5	42.5	71.2	19.2	52.8	74.6	18.3			
50.0	16.4	53.9	9.9	26.7	61.5	13.7	38.7	68.8	18.4	49.7	73.0	17.4			
53.0	10.4	33.9	9.9	16.5	53.7	12.4	30.7	00.0	10.4	45.7	73.0	17.4			
55.0				10.5	33.7	12.7	27.4	60.9	16.5	41.1	67.9	15.7			
58.0							17.7	53.5	15.3		00				
60.0										30.7	60.9	14.4			
65.0										16.1	49.7	12.1			
68.7													35.0	55.9	8.7
70.0													33.4	54.8	8.4
75.0													19.5	44.4	7.3
76.0													15.3	41.1	7.0



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]
				38.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	0.5 m Pl	eza de p umín	lumín				
15.0	78.0	90.3	42.8												
16.0	76.8	90.1	42.8												
18.0	74.5	89.6	38.7												
20.0	72.1	88.9	33.7												
22.0	69.7	88.2	29.3												
22.6				73.0	88.8	38.3									
24.0	67.2	87.4	26.0	71.3	88.4	38.0									
26.0	64.7	86.5	23.2	68.9	87.6	35.8									
28.0	62.2	85.5	21.0	66.4	86.8	33.1									
30.0	59.6	84.3	19.4	63.9	85.8	29.7									
32.0	56.9	83.1	17.9	61.4	84.8	27.2									
34.0	54.1	81.6	16.7	58.7	83.6	24.7	05.0	05.4	00.5						
34.4 36.0	51.2	80.1	15.6	56.0	82.3	22.5	65.0 63.0	85.1 84.3	26.5 26.1						
38.0	48.2	78.4	14.7	53.2	80.8	20.6	60.4	83.2	24.5						
40.0	45.1	76.4	13.8	50.3	79.2	19.2	57.7	82.0	23.3						
42.0	41.7	74.3	12.9	47.2	77.4	17.8	55.0	80.6	22.1						
44.0	38.2	71.8	12.2	44.0	75.4	16.5	52.2	79.1	21.1						
46.0	34.3	69.0	11.6	40.6	73.2	15.4	49.2	77.4	20.2				i		
48.0	29.9	65.8	11.0	36.9	70.6	14.4	46.1	75.6	19.2						
48.2										55.0	78.2	16.7			
50.0	24.9	61.8	10.5	32.9	67.7	13.6	42.8	73.5	18.4	52.6	76.9	17.3			
53.0	15.9	54.4	8.8												
55.0				19.8	57.3	11.7	33.5	67.0	16.5	44.9	72.4	15.6			
56.0				16.0	54.1	11.3									
60.0							20.8	56.9	14.7	36.1	66.4	14.1			
61.0							17.2	53.9	14.3						
65.0										24.6	57.7	13.0			
68.0										15.5	50.1	11.3			
71.2													35.0	57.7	7.8
75.0													27.7	52.1	7.0
78.0													18.8	44.9	6.4



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

		gulo de orincipal		83° Án	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	lumín (2	de carga 316-1) 5 ón midfa	3.5 m Plı	eza de p umín	lumín				
15.6 16.0 18.0 20.0 22.0	78.0 77.6 75.4 73.1 70.9	93.3 93.2 92.7 92.1 91.4	38.8 38.8 36.9 33.4 28.6												
23.5 24.0 26.0 28.0 30.0	68.6 66.3 63.9 61.5	90.7 89.8 88.8 87.8	25.3 22.7 20.6 19.0	73.0 72.4 70.1 67.8 65.5	91.7 91.5 90.8 90.1 89.2	34.7 34.6 33.7 32.3 29.6									
32.0 34.0 35.6 36.0	59.0 56.4 53.8	86.6 85.3 83.9	17.6 16.3 15.2	63.1 60.7 58.2	88.2 87.1 85.9	26.9 24.9 22.6	65.0 64.6	87.8 87.7	24.6 25.0						
38.0 40.0 42.0 44.0 46.0	51.1 48.2 45.3 42.1 38.8	82.3 80.6 78.7 76.5 74.1	14.3 13.4 12.6 11.9 11.2	55.6 52.9 50.2 47.3 44.3	84.5 83.1 81.4 79.7 77.7	20.6 19.0 17.6 16.4 15.2	62.2 59.8 57.2 54.6 51.9	86.6 85.5 84.3 82.9 81.3	24.2 22.8 21.8 20.6 19.7						
48.0 49.9 50.0 55.0 56.0	35.2 31.2 18.0 15.4	71.4 68.3 57.1 54.7	10.6 10.1 8.8 7.8	37.7 27.5	75.5 73.0 65.0	13.3 11.5	49.1 46.2 38.1	79.7 77.8 72.2	18.9 18.0 16.2	55.0 55.0 48.1	80.6 80.6 76.6	15.7 16.5 15.2			
59.0 60.0 64.0 65.0 70.0 71.0				15.5	54.5	10.1	28.2 16.7	64.3 54.4	14.5 13.0	40.3 31.0 17.7 15.1	71.3 64.2 52.9 50.5	13.7 12.6 11.1 10.4			
73.6 75.0 80.0 81.0										13.1	30.5	10.4	35.0 33.4 21.5 18.3	59.4 58.1 48.3 45.4	6.9 6.6 5.6 5.5



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

	88° Án	gulo de principa	pluma I		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]
				38.0 ı		eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 5	6.5 m Pli	eza de p umín	lumín		_		
40.0	78.0	96.2	35.6			22.0[11	I 1 03101		11 (2310)	I		ı	1		1
16.2 18.0	78.0 76.2	95.8	35.6												
20.0	74.1	95.2	32.6												
22.0	71.9	94.6	28.4										i		
24.0	69.8	93.9	24.8												
24.4				73.0	94.6	31.9									
26.0	67.6	93.1	22.3	71.2	94.0	31.6							İ		
28.0	65.4	92.2	20.3	69.1	93.3	30.7						İ	İ		
30.0	63.1	91.2	18.7	66.9	92.5	29.6									
32.0	60.8	90.1	17.4	64.6	91.5	26.9									
34.0	58.4	88.9	16.1	62.4	90.5	24.8									
36.0	56.0	87.6	15.0	60.0	89.4	22.9									
36.9							65.0	90.5	23.3						
38.0	53.5	86.1	14.0	57.7	88.2	20.9	63.8	90.0	23.6						
40.0	50.9	84.6	13.2	55.2	86.8	19.1	61.5	89.0	22.6						
42.0	48.2	82.8	12.5	52.7	85.3	17.6	59.2	87.8	21.4						
44.0	45.4	80.9	11.7	50.1	83.7	16.4	56.8	86.5	20.4						
46.0	42.5	78.8	11.0	47.3	81.9	15.3	54.3	85.1	19.3						
48.0	39.3 36.0	76.4 73.8	10.4 9.8	44.5 41.5	79.9 77.7	14.2 13.3	51.7 49.1	83.6 81.9	18.5 17.8						
50.0 51.6	36.0	73.8	9.8	41.5	11.1	13.3	49.1	81.9	17.8	55.0	83.1	14.7			
55.0	25.9	65.3	8.7	33.0	71.0	11.4	41.9	76.9	15.8	50.8	80.5	14.7			
58.0	17.5	57.5	8.0	33.0	71.0	11.4	41.5	70.5	13.0	30.0	00.5	14.5	i		
60.0	17.0	07.0	0.0	21.7	61.1	9.8	33.5	70.3	14.3	43.8	75.8	13.5	i		
62.0				15.1	54.9	9.2	00.0	7 0.0		10.0		10.0			
65.0							22.5	60.7	12.7	35.8	69.7	12.3			
67.0							16.2	54.8	12.0						
70.0										25.7	61.2	11.0			
73.0										17.2	53.3	10.2			
76.1													35.0	61.1	6.3
80.0													28.4	55.5	5.6
84.0													17.8	45.9	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 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]
				38.0		eza de p	ıl, Punto lumín (2: ı l Posici	316-1) 5	9.5 m Plı	eza de p umín	lumín		_		
16.9	78.0	99.1	32.5	ı			1		(=0.0)						
18.0	76.9	98.9	32.5	i											
20.0	74.9	98.4	30.7	i											
22.0	72.9	97.8	28.1	İ											
24.0	70.8	97.1	24.4												
25.2				73.0	97.5	29.2									
26.0	68.8	96.3	21.8	72.2	97.2	29.1									
28.0	66.7	95.5	19.8	70.2	96.5	28.6									
30.0	64.6	94.6	18.2	68.1	95.7	27.9									
32.0	62.4	93.5	16.9	66.0	94.8	26.3									
34.0	60.2	92.4	15.7	63.9	93.9	24.3									
36.0	57.9	91.2	14.6	61.7	92.8	22.8									
38.0 38.2	55.6	89.9	13.6	59.5	91.7	21.0	65.0	93.3	22.2						
40.0	53.2	88.4	12.7	57.2	90.4	19.1	63.1	93.3	22.2						
42.0	50.8	86.8	12.0	54.9	89.1	17.5	60.9	91.3	20.8						
44.0	48.2	85.1	11.3	52.5	87.6	16.2	58.7	90.1	19.9						
46.0	45.6	83.2	10.6	50.0	85.9	15.1	56.4	88.8	18.9						
48.0	42.8	81.1	10.0	47.4	84.1	14.0	54.0	87.4	17.9						
50.0	39.8	78.7	9.4	44.7	82.2	13.1	51.6	85.8	17.2						
53.3										55.0	85.5	13.9			
55.0	31.4	71.6	8.3	37.3	76.3	11.0	45.1	81.3	15.4	53.1	84.4	14.5			
60.0	20.1	61.0	7.3	28.2	68.4	9.6	37.7	75.5	13.9	46.8	80.1	13.1			
61.0	17.0	58.0	7.1												
65.0				15.9	56.5	7.5	28.8	67.7	12.4	39.7	74.7	11.9			
70.0							15.8	55.2	10.8	31.3	67.5	10.7			
75.0 76.0				l						19.1	56.0 52.7	9.3			
76.0 78.5				l						15.7	52.7	9.1	35.0	62.8	5.4
80.0													33.4	62.6 61.4	5.4
85.0													23.0	51.9	4.3
87.0													17.3	46.3	4.0



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

		gulo de orincipal		83° Án	gulo de orincipa	pluma I		gulo de principa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 6	2.5 m Pl		lumín		-		
17.5 18.0 20.0 22.0 24.0 26.0	78.0 77.5 75.6 73.7 71.8 69.8	102.1 102.0 101.5 100.9 100.3	30.0 30.0 29.2 27.8 24.3 21.6												
26.1 28.0 30.0 32.0	67.9 65.9 63.8	98.7 97.9 96.9	19.6 18.0 16.6	73.0 71.2 69.2 67.2	100.3 99.7 99.0 98.1	27.3 27.0 26.5 26.0									
34.0 36.0 38.0 39.5 40.0	61.8 59.7 57.5	95.9 94.7 93.5 92.1	15.5 14.4 13.4	65.2 63.2 61.1 59.0	97.2 96.2 95.2 94.0	24.1 22.5 21.3	65.0 64.5	96.0 95.7	21.1 21.1						
42.0 44.0 46.0 48.0	53.0 50.7 48.2 45.7	90.6 89.0 87.3 85.4	11.7 11.1 10.4 9.8	56.8 54.6 52.3 49.9	92.7 91.3 89.8 88.2	17.7 16.3 15.0 14.0	62.4 60.3 58.2 56.0	94.7 93.6 92.4 91.1	20.6 19.5 18.6 17.7						
50.0 55.0 55.1 60.0 64.0	43.0 35.7 26.8 16.6	83.3 77.1 68.7 58.4	9.3 8.0 7.1 6.3	47.4 40.8 33.0	86.4 81.1 74.3	13.1 11.0 9.4	53.7 47.8 41.2	89.6 85.5 80.3	16.8 15.1 13.6	55.0 49.4	88.0 84.2	13.1 12.7			
65.0 68.0 70.0 73.0				23.1 15.5	64.8 56.9	8.2 6.7	33.5 23.8 15.4	73.6 64.3 55.6	12.4 10.9 9.9	42.9 35.6 26.0	79.3 73.1 64.0	11.6 10.4 9.1			
75.0 79.0 81.0 85.0 90.0										26.0 17.4	64.0 55.3	9.1 8.2	35.0 28.9 16.9	64.5 58.9 46.8	4.7 4.1 3.3



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		gulo de orincipal		83° Án	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto Ilumín (2 n] Posici	316-1) 6	5.5 m Plı	eza de p umín	lumín				
18.1 20.0 22.0 24.0 26.0	78.0 76.3 74.5 72.7 70.8	105.0 104.6 104.0 103.4 102.7	27.0 26.7 25.5 23.6 21.1												
27.0 28.0 30.0 32.0 34.0	68.9 67.0 65.1 63.2	102.0 101.2 100.2 99.3	19.4 17.7 16.3 15.1	73.0 72.1 70.2 68.3 66.4	103.2 102.9 102.2 101.4 100.5	24.5 24.5 24.1 23.5 22.8									
36.0 38.0 40.0 40.7	61.2 59.2 57.1	98.2 97.0 95.7	14.2 13.2 12.3	64.5 62.5 60.5	99.6 98.6 97.5	21.6 20.8 19.8	65.0	98.7	19.6						
42.0 44.0 46.0 48.0 50.0	55.0 52.8 50.5 48.2 45.8	94.4 92.9 91.3 89.5 87.6	11.5 10.8 10.2 9.6 9.0	58.5 56.4 54.3 52.1 49.8	96.3 95.0 93.6 92.0 90.4	18.1 16.5 15.2 14.0 13.1	63.8 61.8 59.8 57.8 55.6	98.1 97.0 95.9 94.7 93.3	20.0 19.2 18.2 17.5 16.6						
55.0 56.8 60.0 65.0 67.0	39.3 31.6 21.7 16.2	75.0 64.8 58.8	7.8 6.8 6.0 5.6	36.9 28.7	79.6 71.7 59.7	9.3 8.1 6.8	50.1 44.1 37.3 29.3	89.5 84.8 78.8	13.4 12.2	55.0 51.6 45.7	90.4 88.1 83.6 78.0	12.3 12.5 11.4			
70.0 71.0 75.0 76.0 80.0 82.0				17.3 15.2	57.3	6.0	18.1 16.1	59.4 57.2	9.4 8.5	39.2 31.5 22.3 17.0	70.9 61.5 55.7	8.8 7.6 7.2			
83.4 85.0 90.0 93.0										17.0	33. <i>1</i>	1.2	35.0 33.4 24.2 16.5	66.3 64.8 55.5 47.2	3.9 3.7 2.9 2.5



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

		gulo de 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]
				38.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	8.5 m Pl	eza de p umín	lumín				
18.7	78.0	107.9	24.5												
20.0	76.9	107.7	24.5												
22.0	75.2	107.1	23.5												
24.0 26.0	73.4 71.7	106.6 105.9	22.6 20.5							ł					
27.9	/ 1./	105.9	20.5	73.0	106.1	22.2									
28.0	69.9	105.2	19.0	73.0	106.0	22.2									
30.0	68.1	103.2	17.6	71.1	105.3	22.0				i			i		
32.0	66.3	103.6	16.2	69.3	104.6	21.5				İ			İ		
34.0	64.4	102.6	14.9	67.5	103.8	21.1									
36.0	62.6	101.6	13.9	65.7	102.9	20.4									
38.0	60.7	100.5	13.0	63.8	102.0	19.9									
40.0	58.7	99.3	12.1	62.0	100.9	19.4									
42.0	56.7	98.0	11.3	60.0	99.8	18.5	65.0	101.4	18.9						
44.0	54.7	96.6	10.6	58.1	98.6	16.9	63.2	100.4	18.9						
46.0	52.6	95.1	9.9	56.1	97.2	15.4	61.3	99.4	17.9						
48.0	50.4 48.2	93.5 91.8	9.4	54.0 51.9	95.8 94.3	14.2	59.3 57.4	98.2 96.9	17.1 16.4						
50.0 55.0	40.2	86.7	8.9 7.6	46.3	94.3 89.9	13.1 11.1	57.4 52.2	93.4	14.5	ł			ł		
58.5	42.5	00.7	7.0	40.5	09.9	11.1	32.2	33.4	14.5	55.0	92.9	11.6	i		
60.0	35.6	80.4	6.6	40.2	84.5	9.3	46.7	89.0	13.2	53.6	91.9	12.2			
65.0	27.4	72.1	5.8	33.1	77.6	8.0	40.5	83.7	11.9	48.1	87.7	11.0			
70.0	15.8	59.2	5.0	24.2	68.3	6.9	33.5	76.9	10.8	42.2	82.7	9.9	i		
73.0				16.9	60.1	6.2									
75.0							24.8	67.8	9.5	35.1	76.0	8.6			
79.0							15.7	57.6	7.7						
80.0										27.9	68.7	7.5			
85.0										16.6	56.2	6.4			
85.9													35.0	68.0	3.3
90.0										-			29.4	62.2	2.8
95.0													18.9	50.9	2.1



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

		gulo de orincipa			gulo de orincipa		75° Án I	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]
				38.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 7	1.5 m Pl	eza de p umín	lumín				
19.4 20.0 22.0 24.0 26.0	78.0 77.5 75.8 74.2 72.5	110.9 110.7 110.2 109.7 109.1	22.4 22.4 21.8 21.0 19.6												
28.0 28.7 30.0 32.0 34.0	70.8 69.1 67.3 65.6	108.4 107.6 106.8 105.9	18.2 17.1 15.7 14.4	73.0 71.9 70.2 68.5	108.9 108.5 107.8 107.0	20.4 20.4 20.1 19.7									
36.0 38.0 40.0 42.0 43.3	63.8 62.0 60.2 58.3	105.0 103.9 102.8 101.6	13.4 12.5 11.7 10.9	66.8 65.0 63.2 61.4	106.2 105.3 104.3 103.2	19.3 18.8 18.4 18.0	65.0	104.1	17.7						
44.0 46.0 48.0 50.0 55.0	56.4 54.4 52.4 50.3 44.9	100.3 98.9 97.4 95.8 91.1	10.2 9.5 8.9 8.5 7.2	59.6 57.7 55.8 53.8 48.6	102.1 100.8 99.5 98.1 94.0	16.8 15.4 14.1 13.0 10.8	64.4 62.6 60.8 58.9 54.1	103.8 102.8 101.7 100.5 97.1	17.7 17.4 16.5 15.8 14.0						
60.0 60.2 65.0 70.0 73.0	38.8 31.8 23.0 15.5	85.5 78.3 68.4 59.6	6.2 5.4 4.7 4.3	43.0 36.7 29.2	89.0 83.0 75.1	9.1 7.7 6.6	48.9 43.3 37.0	93.1 88.2 82.2	12.7 11.5 10.4	55.0 50.3 44.8	95.4 91.7 87.1	10.9 10.6 9.5			
75.0 76.0 80.0 82.0 85.0				19.2 16.6	63.7 60.6	5.6 5.4	29.6 19.9 15.4	74.4 63.4 58.0	9.3 8.0 6.8	38.4 32.2 23.5	81.1 74.7 65.1	7.1 6.1			
88.0 88.4 90.0 92.0										16.2	56.6	5.5	35.0 33.4 30.4	69.7 68.1 64.8	2.6 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

	88° Án	gulo de orincipa	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]
				38.0 ı		eza de p	II, Punto Ilumín (2 I Posici	316-1) 7	4.5 m Pli	eza de p umín	lumín		_		
20.0	78.0	113.8	21.0						(/						
22.0	76.4	113.3	20.7												
24.0	74.8	112.8	20.0												
26.0	73.2	112.2	19.1									İ	İ		
28.0	71.6	111.6	17.7												
29.6				73.0	111.8	19.3									
30.0	70.0	110.9	16.6	72.7	111.7	19.3									
32.0	68.3	110.1	15.5	71.1	111.0	19.2									
34.0	66.6	109.2	14.3	69.4	110.3	18.8									
36.0	64.9	108.3	13.2	67.8	109.5	18.5									
38.0	63.2	107.3	12.2	66.1	108.6	18.1									
40.0	61.5	106.3	11.5	64.4	107.7	17.7									
42.0	59.7	105.1	10.7	62.7	106.6	17.4									
44.0	57.9	103.9	10.0	60.9	105.6	17.1									
44.5							65.0	106.8	16.5						
46.0	56.1	102.6	9.3	59.1	104.4	15.7	63.8	106.1	16.8						
48.0	54.2	101.1	8.7	57.3	103.1	14.3	62.0	105.1	16.3						
50.0	52.2	99.6	8.2	55.5	101.8	13.1	60.3	104.0	15.4						
55.0	47.2	95.3	7.1	50.6	97.9	10.8	55.7	100.8	13.8						
60.0	41.6	90.1	6.1	45.4	93.4	9.1	50.9	97.0	12.4	55.0	97.8	40.0			
61.9 65.0	05.4	00.0	5.2	39.7	87.9	7.6	45.7	92.5	11.2	55.0 52.2	97.8 95.6	10.3 10.3			
70.0	35.4 28.0	83.8 75.5	5.2 4.5	39.7	87.9 81.0	6.5	45.7	92.5 87.0	10.2	52.2 47.1	95.6	9.2			
75.0	17.9	63.5	3.9	25.1	71.8	5.6	33.5	80.2	9.2	41.5	86.1	8.0			
76.0	15.2	60.0	3.9	23.1	71.0	3.0	33.3	00.2	9.2	41.5	00.1	0.0			
79.0	13.2	00.0	3.1	16.2	61.0	4.8									
80.0				10.2	01.0	4.0	25.6	71.3	8.0	35.7	80.2	6.9			
85.0							15.1	58.4	6.2	28.4	72.0	5.9			
90.0								00		18.6	60.3	4.9			
91.0										15.9	57.0	4.8			



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

		gulo de 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]
				38.0 ı	m Pluma Cab	eza de p	II, Punto Iumín (2: I Posici	316-1) 7	7.5 m Plı	eza de p umín	lumín				
20.6	78.0	116.7	19.3												
22.0	76.9	116.4	19.3												
24.0	75.4	115.9	18.5												
26.0	73.9	115.4	18.0												
28.0	72.3	114.7	16.9												
30.0	70.8	114.0	15.9												
30.5				73.0	114.7	17.7									
32.0	69.2	113.3	15.2	71.8	114.2	17.6									
34.0	67.6	112.5	14.0	70.3	113.5	17.4									
36.0	66.0	111.6	12.9	68.7	112.7	17.0									
38.0	64.3	110.7	12.0	67.1	111.9	16.7									
40.0	62.7	109.7	11.2	65.5	111.0	16.3									
42.0	61.0	108.6	10.5	63.8	110.0	15.9									
44.0	59.3	107.4	9.7	62.2	109.0	15.6									
45.8			- 1				65.0	109.6	15.6						
46.0	57.5	106.2	9.1	60.5	107.9	15.2	64.9	109.5	15.6						
48.0	55.8	104.8	8.5	58.7	106.7	14.0	63.2	108.5	15.6						
50.0	54.0	103.4	7.9	57.0	105.4	12.9	61.5	107.4	15.0						
55.0	49.2	99.4	6.8	52.4	101.8	10.6	57.2	104.4	13.6						
60.0 63.7	44.1	94.6	5.8	47.6	97.5	9.0	52.7	100.9	12.1	55.0	100.3	9.7			
65.0	38.4	88.8	4.9	42.3	92.5	7.5	47.9	96.6	11.0	53.9	99.4	9.7			
70.0	38.4	81.6	4.9	36.4	92.5 86.3	6.3	47.9 42.6	96.6 91.6	9.9	49.1	99.4 95.3	9.9 8.9			
75.0	24.0	72.0	3.7	29.6	78.5	5.4	36.8	85.5	9.9	49.1	90.9	7.6			
79.0	15.8	61.6	2.9	23.0	70.0	J. T	30.0	00.0	3.0	77.7	30.3	7.0			
80.0	10.0	01.0	2.0	20.7	67.6	4.5	30.0	77.8	8.0	38.7	85.2	6.5			
82.0				15.9	61.4	4.1	00.0	77.0	0.0	00.7	00.2	0.0			
85.0				. 5.0	J		21.3	67.2	6.8	32.3	78.1	5.5			
87.0							16.6	61.2	6.3	12.0					
90.0										24.4	68.6	4.6			
94.0										15.6	57.4	4.0			



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

		gulo de 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]
				38.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	0.5 m Plı	eza de p umín	lumín				
21.2	78.0	119.7	17.8												
22.0	77.4	119.5	17.8												
24.0	76.0	119.0	17.3												
26.0	74.5	118.5	16.7												
28.0	73.0	117.9	16.1												
30.0	71.5	117.2	15.2												
31.4				73.0	117.5	16.3									
32.0	70.0	116.5	14.6	72.5	117.3	16.3									
34.0	68.5	115.7	13.8	71.0	116.7	16.1									
36.0	66.9	114.9	12.7	69.5	115.9	15.8									
38.0	65.4	114.0	11.8	68.0	115.1	15.5									
40.0	63.8	113.0	10.9	66.4	114.3	15.2									
42.0	62.2	112.0	10.2	64.9	113.4	14.8									
44.0	60.6	110.9	9.6	63.3	112.4	14.5									
46.0	58.9	109.7	8.9	61.7	111.3	14.2									
47.1							65.0	112.3	14.7						
48.0	57.2	108.4	8.3	60.0	110.2	13.6	64.3	111.9	14.7						
50.0 55.0	55.5 51.0	107.1 103.3	7.7 6.6	58.4 54.1	109.0 105.6	12.6 10.5	62.7 58.6	110.8 108.0	14.5 13.2						
	46.3	98.8	5.6	49.5	105.6	8.9	54.3	106.0	11.8						
60.0 65.0	41.1	93.5	4.8	49.5	96.9	7.5	49.8	104.6	10.7						
65.4	41.1	93.5	4.0	44.0	96.9	7.5	49.6	100.7	10.7	55.0	102.7	9.0			
70.0	35.3	87.1	4.0	39.2	91.2	6.2	44.9	96.0	9.7	55.0 51.0	99.3	9.0 8.7			
75.0	28.4	78.9	3.5	33.2	84.3	5.3	39.6	90.4	8.8	46.0	99.5	7.5			
80.0	19.5	67.5	2.9	25.8	75.3	4.4	33.5	83.6	8.0	41.3	89.9	6.4			
82.0	15.5	62.0	2.4	20.0	10.0	7.7	55.5	00.0	0.0	71.0	00.0	0.7			
85.0	10.0	02.0	2.7	15.6	61.8	3.6	26.3	74.7	6.8	35.6	83.5	5.4			
90.0				10.0	01.0	0.0	16.3	61.6	5.7	28.8	75.4	4.5			
95.0				Ī			1	00	.	20.1	64.2	3.7			
97.0										15.3	57.8	3.4			



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	3.5 m Pli	eza de p umín	lumín				
21.8 22.0 24.0 26.0 28.0	78.0 77.9 76.5 75.1 73.6	122.6 122.6 122.1 121.6 121.0	16.3 16.3 16.1 15.6 15.3												
30.0 32.0 32.2 34.0 36.0	72.2 70.7 69.3 67.8	120.4 119.7 119.0 118.2	14.5 13.9 13.4 12.5	73.0 71.7 70.3	120.4 119.8 119.1	15.1 15.1 14.8									
38.0 40.0 42.0 44.0 46.0	66.3 64.8 63.3 61.7 60.1	117.3 116.4 115.4 114.3 113.2	11.6 10.7 9.9 9.3 8.7	68.8 67.3 65.8 64.3 62.8	118.4 117.5 116.7 115.7 114.7	14.5 14.2 13.9 13.6 13.4									
48.0 48.3 50.0 55.0 60.0	58.5 56.9 52.7 48.2	112.0 110.7 107.1 102.9	7.5 6.3 5.4	61.2 59.6 55.5 51.3	113.6 112.5 109.3 105.5	13.2 12.4 10.3 8.8	65.0 63.8 59.9 55.8	115.0 114.2 111.5 108.3	13.0 13.5 12.7 11.6						
65.0 67.1 70.0 75.0 80.0	43.4 38.1 32.1 24.8	98.0 92.1 84.9 75.5	4.5 3.8 3.2 2.7	46.7 41.7 36.2 29.9	101.1 95.9 89.6 81.8	7.4 6.1 5.0 4.2	51.5 46.9 42.0 36.5	104.6 100.2 95.0 88.8	9.5 8.5 7.8	55.0 52.6 48.0 43.6	105.2 103.1 98.8 94.3	8.5 8.4 7.1 6.1			
84.0 85.0 88.0 90.0 93.0	16.9	64.8	2.2	21.9 15.3	71.3 62.2	3.5 3.0	30.2 22.4 16.0	81.1 70.9 62.1	6.8 5.7 5.0	38.4 32.4	88.5 81.4	5.1			
95.0 99.0										25.2 17.5	72.1 61.7	3.4 2.8			



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

		gulo de orincipal			gulo de orincipa			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]
				38.0 r		eza de p	ıl, Punto llumín (2 ı] Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
22.5	78.0	125.6	15.1												
24.0	77.0	125.2	15.1												
26.0	75.6	124.7	14.7												
28.0	74.2	124.1	14.4												
30.0	72.8	123.5	13.9												
32.0	71.4	122.9	13.3												
33.1				73.0	123.3	14.1									
34.0	70.0	122.2	12.9	72.4	123.0	14.0									
36.0	68.6	121.4	12.4	71.0	122.3	13.9									
38.0	67.2	120.6	11.4	69.6	121.6	13.6									
40.0	65.7	119.7	10.5	68.2	120.8	13.4									
42.0	64.3	118.7	9.7	66.7	120.0	13.1									
44.0	62.8	117.7	9.1	65.3	119.0	12.9									
46.0	61.3	116.6	8.5	63.8	118.1	12.6									
48.0	59.8	115.5	7.9	62.3	117.0	12.4									
49.6							65.0	117.7	12.6						
50.0	58.2	114.3	7.3	60.8	115.9	12.3	64.7	117.6	12.6						
55.0	54.2	110.9	6.1	56.9	112.9	10.2	61.0	114.9	12.3						
60.0	50.0	106.9	5.2	52.8	109.3	8.6	57.1	111.9	11.3						
65.0	45.5	102.3	4.3	48.5	105.2	7.3	53.1	108.4	10.1		407.0	0.0			
68.8	40.0		0.0	40.0	400.0	0.0	40.0	4040		55.0	107.6	8.0			
70.0	40.6 35.1	96.9	3.6	43.9	100.3 94.6	6.0	48.8	104.3 99.4	9.2	54.1	106.9	8.1			
75.0 80.0	28.8	90.4 82.3	3.0 2.5	38.9 33.2	94.6 87.6	4.9 4.1	44.2 39.2	99.4	8.3 7.5	50.2 45.7	103.2 98.6	6.8 5.8			
	20.0	02.3	2.5	26.5	78.7		33.2		6.6	40.8	93.3	4.8			
85.0 90.0				17.4	66.1	3.4 2.7	26.9	86.5 78.2	5.6	35.4	93.3 86.8	3.9			
91.0				17.4	62.6	2.7	20.9	10.2	5.6	33.4	00.0	3.9			
95.0				15.0	02.0	2.0	18.0	65.8	4.7	29.2	78.8	3.1			
96.0							15.7	62.5	4.7	23.2	70.0	J. I			
100.0							15.7	02.0	7.7	21.3	68.0	2.4			
102.0										17.2	62.1	2.1			



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

		gulo de 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]
				38.0 ı		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	9.5 m Pl	eza de p umín	lumín				
23.2	78.0	128.5	13.2												
24.0	77.4	128.3	13.2												
26.0	76.1	127.8	13.0												
28.0	74.8	127.3	12.7												
30.0	73.4	126.7	12.5												
32.0	72.1	126.1	12.0												
34.0	70.7	125.4	11.7	73.0	126.1	12.3									
36.0	69.4	124.6	11.4	71.7	125.5	12.3									
38.0	68.0	123.8	10.7	70.3	124.8	12.0									
40.0	66.6	123.0	9.9	68.9	124.0	11.8									
42.0	65.2	122.0	9.1	67.5	123.2	11.6									
44.0	63.7	121.1	8.5	66.1	122.3	11.3									
46.0	62.3 60.8	120.0	7.9 7.4	64.7	121.4 120.4	11.0									
48.0	59.3	118.9		63.3		10.8									
50.0 50.9	59.3	117.7	6.8	61.8	119.3	10.6	65.0	120.4	10.9						
55.0	55.5	114.5	5.7	58.1	116.4	9.3	62.0	120.4	10.9						
60.0	51.5	114.5	5.7 4.7	54.2	116.4	9.3 8.0	58.3	118.3	10.8						
65.0	47.2	106.7	3.9	54.2 50.1	109.0	7.0	56.3 54.4	112.0	9.3						
70.0	42.6	100.3	3.2	45.7	104.4	5.7	50.3	108.1	8.6						
70.5	42.0	101.2	J.Z	40.1	104.4	J.1	30.3	100.1	0.0	55.0	110.1	7.4			
75.0	37.6	95.2	2.6	41.0	99.0	4.6	46.0	103.5	7.8	51.8	107.1	6.5			
80.0	37.0	33.2	2.0	35.8	99.0	3.7	41.3	98.2	7.0	47.6	107.1	5.4			
85.0				29.8	84.7	3.1	36.1	91.8	6.2	43.0	97.8	4.5			
90.0				22.4	74.3	2.4	30.1	84.0	5.3	38.1	91.9	3.6			
92.0				18.6	68.8	2.1	55.1	0 7.0	0.0	55.1	00	0.0			
95.0					00.0		22.8	73.8	4.4	32.5	84.7	2.8			
99.0							16.2	64.1	3.5	02.0	0				
100.0										25.8	75.6	2.1			



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

		gulo de orincipa			gulo de orincipa			gulo de 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]
				38.0 ı		eza de p	lumín (2	316-1) 9:	2.5 m Pl		lumín				
						46.0 [m	n] Posici	on midta	11 (2316)						
23.8	78.0	131.4	12.2												
24.0	77.9	131.4	12.2												
26.0	76.6	130.9	12.1												
28.0	75.3	130.4	11.8												
30.0	74.0	129.8	11.6												
32.0	72.7	129.2	11.2												
34.0	71.4	128.5	10.9	70.0	400.0	44.0									
34.9	70.4	407.0	40.7	73.0	129.0	11.3									
36.0	70.1	127.8	10.7	72.3	128.7	11.3				ł					
38.0 40.0	68.7 67.4	127.1 126.2	10.4 9.6	71.0 69.6	128.0 127.2	11.1 10.9									
40.0	66.0	125.4	8.9	68.3	127.2	10.9									
44.0	64.7	125.4	8.2	67.0	125.5	10.7				ł					
46.0	63.3	123.4	7.7	65.6	124.7	10.4				i					
48.0	61.9	122.4	7.2	64.2	123.8	9.9				i					
50.0	60.4	121.2	6.7	62.8	122.7	9.7									
52.1	00.4	121.2	0.7	02.0	122.7	0.1	65.0	123.2	9.8	i					
55.0	56.8	118.1	5.5	59.2	119.9	8.8	63.0	121.7	9.8	i			i		
60.0	52.9	114.5	4.5	55.5	116.7	7.7	59.4	118.9	9.3	i			i		
65.0	48.9	110.4	3.8	51.6	112.9	6.8	55.7	115.7	8.8						
70.0	44.6	105.6	3.1	47.5	108.6	5.7	51.9	112.0	8.2						
72.3										55.0	112.6	6.9			
75.0	40.0	100.0	2.4	43.1	103.6	4.6	47.8	107.7	7.6	53.2	110.9	6.3			
80.0				38.3	97.6	3.6	43.4	102.7	6.8	49.2	106.8	5.2			
85.0				32.9	90.5	2.9	38.6	96.8	6.0	45.0	102.1	4.3			
90.0				26.6	81.6	2.3	33.9	90.7	5.1	40.4	96.6	3.4			
95.0							27.8	82.2	4.3	35.3	90.1	2.6			
99.0										30.7	83.9	2.0			
100.0							20.0	70.7	3.4						
102.0							16.0	64.5	3.1						



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

		gulo de orincipa			gulo de orincipa			gulo de 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]
				38.0 ı		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	5.5 m Pl	eza de p umín	lumín				
24.4	78.0	134.4	11.1												
26.0	77.0	134.0	11.1												
28.0	75.8	133.5	10.9												
30.0	74.5	132.9	10.6												
32.0	73.3	132.4	10.4												
34.0	72.0	131.7	10.1												
35.8				73.0	131.9	10.3									
36.0	70.7	131.0	9.9	72.9	131.8	10.3									
38.0	69.4	130.3	9.7	71.6	131.1	10.3									
40.0	68.1	129.5	9.2	70.3	130.4	10.0									
42.0	66.8	128.6	8.5	69.0	129.7	9.8									
44.0	65.5	127.7	7.9	67.7	128.9	9.6									
46.0	64.2	126.8	7.3	66.4	128.0	9.4									
48.0	62.8	125.8	6.8	65.1	127.1	9.2									
50.0	61.5	124.7	6.4	63.7	126.1	9.0									
53.4		404 7	5.0	20.0	400.4	0.4	65.0	125.9	8.9						
55.0	57.9	121.7	5.3	60.3	123.4	8.4	63.9	125.1	8.9						
60.0 65.0	54.3 50.5	118.3 114.4	4.3 3.5	56.8 53.1	120.3 116.7	7.3 6.5	60.5 57.0	122.4 119.3	8.6 8.2						
70.0	46.4	109.9	2.8	49.2	110.7	5.6	53.3	115.8	7.7						
74.0	40.4	109.9	2.0	49.2	112.0	3.0	55.5	113.6	1.1	55.0	115.0	6.1			
74.0 75.0	42.1	104.7	2.2	45.0	107.9	4.5	49.4	111.7	7.3	55.0 54.6	115.0	5.9			
80.0	42.1	104.7	2.2	40.6	107.9	3.5	49.4 45.3	107.0	6.6	50.8	110.8	4.9			
85.0				35.7	95.9	2.7	40.8	107.0	5.7	46.8	106.3	3.9			
90.0				30.0	88.0	2.1	36.5	95.9	4.8	42.5	100.3	3.0			
95.0				30.0	00.0	4 . 1	31.1	88.4	4.0	37.8	95.2	2.3			
96.0							31.1	00.7	7.0	36.8	93.9	2.3			
100.0							24.6	78.8	3.2	00.0	00.0	2.1			
105.0							15.7	64.9	2.4						



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

		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]
				38.0 ı		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín				
25.0	78.0	137.3	10.3												
26.0	77.4	137.1	10.3												
28.0	76.2	136.6	10.1												
30.0	75.0	136.1	9.8												
32.0	73.8	135.5	9.7												
34.0	72.6 71.3	134.9	9.4 9.2												
36.0 36.7	/1.3	134.2	9.2	73.0	134.7	9.4									
38.0	70.1	133.5	9.0	73.0	134.7	9.4									
40.0	68.8	132.7	8.9	70.9	133.6	9.3									
42.0	67.6	131.9	8.2	69.7	132.9	9.1									
44.0	66.3	131.0	7.6	68.4	132.1	8.9									
46.0	65.0	130.1	7.0	67.2	131.3	8.7									
48.0	63.7	129.1	6.6	65.9	130.4	8.5									
50.0	62.4	128.1	6.1	64.6	129.5	8.3									
54.7							65.0	128.6	8.2						
55.0	59.0	125.2	5.1	61.3	126.9	8.0	64.8	128.4	8.2						
60.0	55.6	122.0	4.1	57.9	123.9	7.1	61.5	125.9	8.0						
65.0	51.9	118.2	3.3	54.4	120.5	6.2	58.1	122.9	7.7						
70.0	48.1	114.0	2.6	50.7	116.6	5.6	54.6	119.5	7.3						
75.0				46.8	112.1	4.5	50.9	115.6	6.9						
75.7										55.0	117.5	5.5			
80.0				42.6	107.0	3.5	47.0	111.2	6.4	52.2	114.6	4.6			
85.0				38.0	101.0	2.6	42.8	106.1	5.5	48.4	110.4	3.6			
90.0							38.8	100.9	4.6	44.4	105.6	2.8			
95.0							33.9	94.0	3.7	40.0	100.0	2.0			
100.0 105.0							28.2 21.1	85.6 74.5	2.9 2.2						
105.0							19.4	74.5 71.8	2.2						



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eża de pl	ıl, Punto umín (23 ı] Posici	316-1) ĬC	1.5 m P	eza de p lumín	lumín				
25.6	78.0	140.2	9.5												
26.0	77.8	140.1	9.5												
28.0	76.6	139.7	9.4												
30.0	75.5	139.2	9.2												
32.0	74.3	138.6	9.0												
34.0	73.1	138.0	8.8												
36.0	71.9	137.4	8.6												
37.5				73.0	137.6	8.7									
38.0	70.7	136.7	8.4	72.7	137.5	8.7									
40.0	69.5	135.9	8.2	71.5	136.8	8.6									
42.0	68.3	135.1	7.9	70.3	136.1	8.5									
44.0	67.1	134.3	7.3	69.1	135.3	8.3									
46.0	65.8	133.4	6.7	67.9	134.5	8.1									
48.0	64.6	132.5	6.3	66.7	133.7	7.9									
50.0	63.3	131.5	5.8	65.4	132.8	7.7									
55.0	60.1	128.7	4.9	62.2	130.3	7.4	05.0	404.0	7.5						
55.9	56.7	125.6	3.9	59.0	127.4	6.7	65.0 62.4	131.3 129.3	7.5 7.4						
60.0 65.0	53.2	125.6	3.9	59.0 55.6	127.4	5.9	59.2	129.3	7.4						
70.0	49.6	118.0	2.4	52.1	124.1	5.3	55.8	123.2	6.8						
75.0	49.0	110.0	2.4	48.4	116.2	4.4	52.3	119.5	6.5						
77.4				40.4	110.2	4.4	32.3	119.5	0.5	55.0	119.9	4.7			
80.0				44.4	111.4	3.4	48.6	115.3	6.2	53.5	118.4	4.7			
85.0				40.2	105.8	2.5	44.6	110.5	5.2	49.9	114.4	3.3			
90.0					100.0	2.0	40.9	105.6	4.3	46.1	109.8	2.4			
92.0							40.0	100.0	7.0	44.5	107.8	2.1			
95.0							36.3	99.3	3.4	44.0	107.0	2.1			
100.0							31.2	91.7	2.6						
104.0							26.5	84.3	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 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]
				38.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 10	14.5 m P	eza de p lumín	lumín				
26.3	78.0	143.2	8.8												
28.0	77.0	142.8	8.8												
30.0	75.9	142.3	8.6												
32.0	74.7	141.7	8.4												
34.0	73.6	141.1	8.3												
36.0	72.4	140.5	8.1												
38.0	71.3	139.9	7.9												
38.4	70.4	400.4		73.0	140.5	8.0									
40.0	70.1	139.1	7.7	72.1	140.0	8.0									
42.0	68.9	138.4	7.6	70.9	139.3	7.9									
44.0	67.8 66.6	137.6	7.1	69.7	138.6 137.8	7.7									
46.0 48.0	65.3	136.7 135.8	6.5 6.0	68.6 67.4	137.8 137.0	7.6 7.4									
48.0 50.0	64.1	135.8	5.6	66.2	137.0	7.4									
55.0	61.0	134.6	4.7	63.1	133.7	6.9									
57.2	01.0	132.2	4.7	03.1	133.7	0.9	65.0	134.0	6.9						
60.0	57.8	129.2	3.7	60.0	130.9	6.4	63.3	134.0	6.9						
65.0	54.5	125.8	2.9	56.7	127.8	5.6	60.1	129.9	6.6						
70.0	51.0	121.9	2.2	53.4	124.2	5.0	56.9	126.8	6.4						
75.0	31.0	121.5	2.2	49.8	120.2	4.3	53.5	123.3	6.0						
79.1				40.0	120.2	7.0	00.0	120.0	0.0	55.0	122.4	4.2			
80.0				46.1	115.6	3.3	50.0	119.3	5.8	54.7	122.1	4.1			
85.0				42.1	110.4	2.4	46.3	114.7	5.0	51.3	118.3	3.1			
87.0				40.4	108.1	2.1	. 5.0			27.0	5.0				
90.0							42.8	110.1	4.1	47.7	114.0	2.3			
91.0										46.9	113.0	2.1			
95.0							38.5	104.2	3.3						
100.0							33.9	97.3	2.5						
103.0							30.8	92.5	2.0						



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

		gulo de principa			gulo de orincipa			gulo de principa		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]
				38.0		eża de pl	al, Punto lumín (23 n l Posici	316-1) 10	7.5 m P		lumín		_		
26.9	78.0	146.1	7.9												
28.0	77.4	145.8	7.9												
30.0	76.3	145.4	7.8												
32.0	75.2	144.8	7.6												
34.0	74.1	144.3	7.4												
36.0	73.0	143.7	7.2												
38.0	71.8	143.0	7.1												
39.3				73.0	143.4	7.1									
40.0	70.7	142.3	6.9	72.6	143.1	7.1									
42.0	69.6	141.6	6.8	71.5	142.5	7.1									
44.0	68.4	140.8	6.5	70.3	141.8	6.9									
46.0	67.3	140.0	6.0	69.2	141.0	6.8									
48.0	66.1	139.1	5.6	68.0	140.2	6.6									
50.0	64.9	138.2	5.2	66.9	139.4	6.5									
55.0	61.9	135.6	4.4	63.9	137.0	6.1									
58.5							65.0	136.8	6.0						
60.0	58.8	132.7	3.4	60.9	134.4	5.8	64.1	136.0	6.0						
65.0	55.6	129.5	2.6	57.8	131.4	5.2	61.1	133.4	5.8						
70.0				54.5	128.0	4.6	58.0	130.4	5.6						
75.0				51.2	124.1	4.2	54.7	127.0	5.3						
80.0				47.6	119.8	3.2	51.4	123.2	5.1						
80.9										55.0	124.8	3.5			
85.0				43.9	114.8	2.3	47.8	118.9	4.7	52.6	122.1	2.8			
86.0				43.1	113.7	2.2									
89.0										49.8	118.9	2.1			
90.0							44.5	114.5	3.8						
95.0							40.5	109.0	2.9						
100.0							36.2	102.6	2.2						
101.0						1	35.3	101.2	2.0			l	I	1	



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

		gulo de 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]
				38.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.5	78.0	149.0	7.2												
28.0	77.7	148.9	7.2												
30.0	76.7	148.5	7.1												
32.0	75.6	147.9	6.9												
34.0	74.5	147.4	6.7												
36.0	73.4	146.8	6.6												
38.0	72.3	146.2	6.4												
40.0	71.2	145.5	6.2												
40.2				73.0	146.2	6.4									
42.0	70.1	144.8	6.1	72.0	145.6	6.4									
44.0	69.0	144.0	6.0	70.9	144.9	6.3									
46.0	67.9	143.2	5.6	69.8	144.2	6.1									
48.0	66.8	142.4	5.1	68.7	143.4	6.0									
50.0	65.6	141.5	4.8	67.5 64.7	142.6	5.9 5.5									
55.0 59.7	62.7	139.0	4.0	64.7	140.4	5.5	05.0	139.5	5.3						
60.0	59.8	136.2	3.2	04.0	137.8	5.2	65.0 64.8								
65.0	59.8	136.2	2.4	61.8 58.8	137.8	5.2 4.7	61.9	139.3 136.8	5.3 5.2						
70.0	30.7	133.1	2.4	55.7	134.9	4.7	58.9	133.9	5.0						
75.0				52.4	127.9	3.8	55.8	130.7	4.8						
80.0				49.0	123.8	3.2	52.6	127.0	4.6						
82.6				45.0	120.0	0.2	02.0	127.0	4.0	55.0	127.3	2.9			
85.0				45.5	119.1	2.3	49.2	122.9	4.4	53.7	125.9	2.5			
86.0				44.7	118.1	2.1									
88.0										51.8	123.6	2.0			
90.0							46.1	118.7	3.5						
95.0							42.3	113.5	2.7						
99.0							39.1	108.8	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 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]
				38.0 ו		eza de p	ıl, Punto lumín (1: ı l Posici	916-1) 3:	2.5 m Pl		lumín		_		
11.2	78.0	72.7	43.0						(1010)						
12.0	76.6	72.5	42.5							i					
13.0	74.8	72.3	40.6							i					
14.0	73.0	72.0	38.9							İ			i		
16.0	69.2	71.2	36.1							İ			İ		
17.3				73.0	71.6	37.1									
18.0	65.4	70.4	33.0	71.8	71.4	36.9									
20.0	61.4	69.3	30.9	68.0	70.6	34.3									
22.0	57.2	68.1	28.4	64.1	69.7	31.7									
24.0	52.9	66.6	26.5	60.1	68.6	29.9									
26.0	48.3	64.9	24.7	55.9	67.3	28.1									
26.8							65.0	68.8	31.5						
28.0	43.2	62.9	22.8	51.4	65.8	26.8	62.7	68.2	31.1						
30.0	37.7	60.5	21.2	46.7	64.0	25.2	58.6	67.0	29.8						
32.0	31.3	57.5	19.9	41.5	61.9	23.8	54.3	65.6	28.3						
34.0	23.4	53.4	18.5	35.8	59.3	22.6	49.8	64.0	27.2						
35.0	18.2	50.7	17.8												
36.0				29.0	56.0	20.9	44.9	62.1	25.5						
37.8										55.0	63.4	25.1			
38.0				20.2	51.4	19.0	39.5	59.8	24.2	55.0	63.4	26.0			
39.0				16.2	49.3	15.1	00.5		00.0	50.4	04.0	05.0			
40.0 42.0							33.5 26.2	57.0 53.4	22.9 21.3	50.4 45.6	61.8 59.9	25.0 23.9			
42.0 44.0							26.2 15.9	53.4 47.9	19.6	45.6	59.9 57.7	23.9			
44.0 46.0							15.9	47.9	19.0	40.3 34.4	57.7 55.0	21.7			
48.0										27.3	51.5	20.8			
50.0										27.3 17.7	46.5	19.9			
56.4										17.7	40.5	18.8	35.0	47.3	14.5
60.0													22.2	40.9	14.4
61.0													16.6	37.9	14.0



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

		gulo de orincipa			gulo de principa			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]
				38.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 3	5.5 m Pl		lumín		-		
11.9 12.0 13.0 14.0 16.0	78.0 77.8 76.1 74.4 71.0	75.7 75.6 75.4 75.1 74.5	37.8 37.8 36.7 35.2 32.3			_									
18.0 18.2 20.0 22.0 24.0	67.6 64.0 60.3 56.5	73.7 72.7 71.6 70.4	30.0 27.8 26.1 24.4	73.0 69.9 66.4 62.8	74.5 73.9 73.0 72.0	32.3 30.8 28.7 27.0									
26.0 28.0 30.0 32.0 34.0	52.5 48.2 43.7 38.7 33.1	68.9 67.2 65.2 62.8 60.0	23.0 21.7 20.3 19.1 18.1	59.1 55.2 51.2 46.8 42.1	70.9 69.6 68.0 66.2 64.1	25.5 24.2 23.2 21.8 20.7	65.0 61.5 57.7 53.8	71.5 70.5 69.3 67.9	26.2 26.7 25.6 24.4						
36.0 38.0 39.6 40.0 42.0	26.4 17.3	56.3 51.1	17.0 15.8	37.0 31.1 23.9 15.5	61.6 58.6 54.6 49.6	19.7 18.5 17.3 14.3	49.6 45.2 40.3 34.9	66.2 64.4 62.1 59.4	23.4 22.1 20.9 20.0	55.0 54.4 50.2	65.9 65.6 64.0	22.7 23.7 22.7			
44.0 46.0 47.0 48.0 50.0							28.7 20.6 15.1	56.1 51.6 48.3	18.9 17.7 17.1	45.8 41.1 35.8 29.6	62.2 60.0 57.4 54.2	21.7 20.6 19.8 19.0			
53.0 58.9 60.0 64.0										16.9	46.9	17.7	35.0 32.3 15.9	49.1 47.6 38.3	13.7 14.1 12.8



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín		_		
12.5	78.0	78.6	33.8												
13.0	77.2	78.5	33.8												
14.0	75.7	78.2	32.3												
16.0	72.6	77.6	29.8												
18.0	69.4	76.9	27.9												
19.1				73.0	77.4	28.7									
20.0	66.2	76.1	25.8	71.6	77.1	28.4									
22.0	62.9	75.1	24.1	68.4	76.3	26.5									
24.0	59.4	73.9	22.8	65.1	75.4	24.9									
26.0	55.9	72.6	21.5	61.8	74.4	23.7									
28.0	52.2	71.1	20.5	58.3	73.2	22.5									
29.3							65.0	74.2	23.4						
30.0	48.2 44.1	69.4	19.5 18.4	54.7	71.8 70.3	21.4	63.9	73.9	24.7						
32.0	39.5	67.4 65.1	18.4	50.9 46.9	68.5	20.6 19.5	60.5 57.0	72.8 71.6	23.6 22.7						
34.0 36.0	34.5	62.4	16.7	42.6	66.4	18.4	53.4	70.1	21.6						
38.0	28.7	59.0	15.7	38.0	64.0	17.5	49.5	68.5	20.8						
40.0	21.4	54.6	14.8	32.7	61.1	16.7	45.4	66.6	19.7						
41.0	16.6	51.5	14.4	32.7	01.1	10.7	45.4	00.0	19.7				i		
41.3	10.0	31.5	14.4	1						55.0	68.3	20.6			
42.0				26.5	57.4	15.9	41.0	64.4	18.7	53.9	67.9	21.8			
44.0				18.5	52.4	15.0	36.1	61.8	17.8	50.1	66.3	20.9			
46.0				10.0	02	10.0	30.6	58.7	17.0	46.0	64.4	20.1	i		
48.0				İ			23.9	54.7	16.2	41.7	62.3	19.1	i		
50.0							16.4	49.9	13.1	36.9	59.8	18.3			
55.0										21.0	50.4	16.4			
56.0										16.2	47.3	16.0			
61.3													35.0	50.8	12.8
65.0													24.4	44.5	12.4
67.0													15.2	38.7	11.8



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

		gulo de orincipal			gulo de orincipa			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]
				38.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín		-		
13.1 14.0 16.0 18.0 20.0	78.0 76.7 73.9 71.0 68.0	81.5 81.3 80.8 80.1 79.3	30.2 29.9 27.8 25.7 24.0	73.0	80.2	25.8									
22.0 24.0 26.0 28.0 30.0	65.0 61.9 58.7 55.3 51.9	78.4 77.4 76.2 74.9 73.4	22.3 21.1 19.9 18.8 18.0	70.0 67.0 64.0 60.9 57.6	79.5 78.7 77.8 76.7 75.5	24.6 23.1 21.8 20.8 19.7									
30.6 32.0 34.0 36.0 38.0	48.2 44.4 40.2 35.6	71.6 69.7 67.4 64.8	17.1 16.2 15.4 14.7	54.3 50.7 47.0 43.1	74.1 72.5 70.7 68.7	18.8 18.1 17.1 16.2	65.0 62.9 59.7 56.4 53.0	76.9 76.2 75.1 73.8 72.4	22.1 21.8 20.8 19.9 19.0						
40.0 42.0 43.0 44.0 46.0	30.5 24.3 16.0	61.6 57.6 51.9	14.0 13.2 12.4	38.8 34.1 28.6 22.0	66.3 63.5 60.1 55.7	15.5 14.8 14.0 13.3	49.4 45.6 41.6 37.1	70.7 68.8 66.7 64.2	18.3 17.3 16.4 15.7	55.0 53.5 49.9	70.8 70.1 68.5	18.0 19.2 18.4			
47.0 48.0 50.0 53.0 55.0				17.8	52.8	12.9	32.2 26.4 15.8	61.2 57.5 50.3	15.0 14.3 11.4	46.2 42.2 30.2	66.7 64.6 57.5	17.7 16.8 15.1			
59.0 63.8 65.0 70.0										15.5	47.7	13.7	35.0 32.5 16.4	52.5 51.0 40.3	12.1 12.2 10.6



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 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]
				38.0	m Pluma Cab	eza de p	al, Punto dumín (1 n] Posici	916-1) 4	4.5 m Pl		lumín				
13.7	78.0	84.5	27.4												
14.0	77.7	84.4	27.4	İ						İ					
16.0	75.0	83.9	25.8												
18.0	72.3	83.3	24.0												
20.0	69.6	82.6	22.5												
20.8				73.0	83.1	23.3									
22.0	66.8	81.7	20.9	71.4	82.7	23.0									
24.0	63.9	80.8	19.6	68.7	82.0	21.5									
26.0	61.0	79.7	18.5	65.9	81.1	20.3									
28.0	58.0	78.5	17.5	63.0	80.1	19.4									
30.0	54.9	77.1	16.6	60.1	79.0	18.5				ł					
31.8	54.0	75.0	45.0	F7.0		47.5	65.0	79.7 79.6	18.7 19.9						
32.0 34.0	51.6 48.2	75.6 73.9	15.9 15.2	57.0 53.9	77.7 76.3	17.5 16.7	64.8 61.9	79.6 78.6	19.9						
36.0	44.6	71.9	14.4	50.6	76.3	16.7	59.0	77.4	18.5						
38.0	40.8	69.7	13.7	47.1	72.9	15.2	55.9	76.1	17.6						
40.0	36.6	67.2	13.1	43.4	70.9	14.4	52.7	74.6	16.8						
42.0	31.9	64.1	12.5	39.5	68.6	13.8	49.3	73.0	16.2	i					
44.0	26.6	60.5	11.8	35.2	65.9	13.2	45.8	71.1	15.3						
44.7										55.0	73.2	15.9			
46.0	19.8	55.6	11.2	30.3	62.7	12.5	42.0	69.0	14.6	53.1	72.4	17.0			
47.0	15.4	52.3	10.9												
48.0				24.6	58.7	11.9	38.0	66.5	13.9	49.8	70.7	16.3			
50.0				17.1	53.3	11.2	33.5	63.7	13.3	46.3	68.9	15.7			
55.0							18.3	53.0	11.7	36.4	63.1	14.0			
56.0							15.2	50.7	9.9						
60.0										23.2	54.1	12.5			
62.0										16.6	49.3	10.0			
66.2													35.0	54.2	11.4
70.0				-									25.0	47.4	10.6
73.0													15.8	40.7	9.7



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 principa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 r		eza de p	il, Punto lumín (1 n] Posici	916-1) 4	7.5 m Pl	eza de p umín	lumín				
14.4 16.0 18.0 20.0	78.0 76.0 73.5 70.9	87.4 87.0 86.4 85.8	24.3 23.5 22.2 20.8												
21.7 22.0 24.0 26.0 28.0	68.3 65.7 63.0 60.2	85.0 84.1 83.1 82.0	19.8 18.8 18.0 17.3	73.0 72.6 70.1 67.5 64.8	86.0 85.9 85.2 84.4 83.5	20.8 20.8 20.0 19.2 18.4									
30.0 32.0 33.1 34.0	57.4 54.5	82.0 80.8 79.4 77.8	16.6 16.1	64.6 62.1 59.3 56.5	82.4 81.3	17.9 17.3	65.0 63.9	82.4 82.0	17.8 18.4						
36.0 38.0 40.0 42.0	48.2 44.9 41.3 37.4	76.1 74.2 72.0 69.5	14.9 14.1 13.3 12.7	53.5 50.4 47.2 43.8	78.6 77.0 75.2 73.2	16.2 15.7 15.0 14.4	61.1 58.3 55.4 52.4	80.9 79.7 78.4 76.9	17.8 17.3 16.7 16.3						
44.0 46.0 46.4 48.0	33.2 28.4	66.6 63.2 58.8	12.1 11.5	40.1 36.1 31.7	70.9 68.3	13.8 13.3	49.3 46.0 42.5	75.2 73.3 71.2	15.8 15.1	55.0 52.8	75.7 74.6	15.6 16.2			
50.0 53.0 55.0 58.0	16.4	53.9	9.2	26.7 16.5	61.5 53.7	11.8	38.7 27.4 17.7	68.8 60.9 53.5	13.9 12.4 11.3	49.7 41.1	73.0	15.8			
60.0 65.0 68.7 70.0										30.7 16.1	60.9 49.7	13.0 10.8	35.0 32.6	55.9 54.3	10.7 10.4
75.0 76.0													19.5 15.3	44.4 41.1	9.2 9.0



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

		gulo de 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]
				38.0		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín				
15.0	78.0	90.3	22.2												
16.0	76.8	90.1	22.0												
18.0	74.5	89.6	20.9												
20.0	72.1	88.9	19.8												
22.0	69.7	88.2	19.0												
22.6				73.0	88.8	19.3									
24.0	67.2	87.4	18.3	71.3	88.4	19.0									
26.0	64.7	86.5	17.7	68.9	87.6	18.4									
28.0	62.2	85.5	17.2	66.4	86.8	18.0									
30.0	59.6	84.3	16.7	63.9	85.8	17.5									
32.0	56.9	83.1	16.3	61.4	84.8	17.2									
34.0 34.4	54.1	81.6	16.0	58.7	83.6	16.8	65.0	85.1	17.6						
36.0	51.2	80.1	15.7	56.0	82.3	16.4	63.0	84.3	17.6						
38.0	48.2	78.4	15.7	53.2	80.8	16.4	60.4	83.2	17.4						
40.0	45.1	76.4	14.1	50.3	79.2	15.8	57.7	82.0	16.8						
42.0	41.7	74.3	13.4	47.2	77.4	15.2	55.0	80.6	16.4						
44.0	38.2	71.8	12.7	44.0	75.4	14.7	52.2	79.1	16.2				i		
46.0	34.3	69.0	12.1	40.6	73.2	14.2	49.2	77.4	15.9				İ		
48.0	29.9	65.8	11.4	36.9	70.6	13.8	46.1	75.6	15.3						
48.2										55.0	78.2	15.3			
50.0	24.9	61.8	10.8	32.9	67.7	13.1	42.8	73.5	14.7	52.6	76.9	15.8			
53.0	15.9	54.4	9.2												
55.0				19.8	57.3	10.9	33.5	67.0	13.5	44.9	72.4	15.2			
56.0				16.0	54.1	10.4									
60.0							20.8	56.9	11.6	36.1	66.4	13.8			
61.0							17.2	53.9	11.2						
65.0										24.6	57.7	12.4			
68.0										15.5	50.1	11.4			
71.2													35.0	57.7	10.0
75.0													27.7	52.1	9.2
78.0													18.8	44.9	8.6



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

		gulo de orincipal			gulo de orincipa		75° Án	gulo de principa	pluma l		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 i	m Pluma Cab	eza de p	lumín (1	de carga 916-1) 5 ón midfa	3.5 m Pl	eza de p umín	lumín		-		
15.6 16.0 18.0 20.0 22.0	78.0 77.6 75.4 73.1 70.9	93.3 93.2 92.7 92.1 91.4	20.1 20.1 19.2 18.3 17.4			_									
23.5 24.0 26.0 28.0 30.0	68.6 66.3 63.9 61.5	90.7 89.8 88.8 87.8	16.8 16.3 15.8 15.5	73.0 72.4 70.1 67.8 65.5	91.7 91.5 90.8 90.1 89.2	17.4 17.4 16.9 16.6 16.1									
32.0 34.0 35.6 36.0	59.0 56.4 53.8	86.6 85.3 83.9	15.1 14.8 14.5	63.1 60.7 58.2	88.2 87.1 85.9	15.8 15.5	65.0 64.6	87.8 87.7	15.3 15.9						
38.0 40.0 42.0 44.0 46.0	51.1 48.2 45.3 42.1 38.8	82.3 80.6 78.7 76.5 74.1	14.3 13.7 13.0 12.3 11.7	55.6 52.9 50.2 47.3 44.3	84.5 83.1 81.4 79.7 77.7	14.9 14.7 14.4 13.9 13.5	62.2 59.8 57.2 54.6 51.9	86.6 85.5 84.3 82.9 81.3	15.7 15.4 15.2 14.9 14.7						
48.0 49.9 50.0 55.0 56.0 59.0	35.2 31.2 18.0 15.4	71.4 68.3 57.1 54.7	11.2 10.7 9.3 8.4	37.7 27.5	75.5 73.0 65.0 54.5	13.1 12.7 11.1	49.1 46.2 38.1	79.7 77.8 72.2	13.9 12.9	55.0 55.0 48.1	80.6 80.6 76.6	13.9 14.4 14.1			
60.0 64.0 65.0 70.0 71.0				10.0	34.0	9.0	28.2 16.7	64.3 54.4	11.6 10.3	40.3 31.0 17.7 15.1	71.3 64.2 52.9 50.5	13.1 12.1 10.7 10.3			
73.6 75.0 80.0 81.0										10.1	00.0	10.0	35.0 33.4 21.5 18.3	59.4 58.1 48.3 45.4	9.2 8.9 7.9 7.7



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.2	78.0	96.2	18.3												
18.0	76.2	95.8	17.8												
20.0	74.1	95.2	17.0												
22.0	71.9	94.6	16.1												
24.0	69.8	93.9	15.5												
24.4				73.0	94.6	15.9									
26.0	67.6	93.1	15.1	71.2	94.0	15.7									
28.0	65.4	92.2	14.7	69.1	93.3	15.3									
30.0	63.1	91.2	14.4	66.9	92.5	15.0									
32.0	60.8	90.1	14.1	64.6	91.5	14.6									
34.0	58.4	88.9	13.8	62.4	90.5	14.4									
36.0	56.0	87.6	13.6	60.0	89.4	14.1									
36.9	50.5	00.4	13.4		00.0	40.0	65.0	90.5 90.0	14.0						
38.0 40.0	53.5 50.9	86.1 84.6	13.4	57.7 55.2	88.2 86.8	13.9 13.6	63.8 61.5	89.0	14.5 14.3						
42.0	48.2	82.8	12.7	52.7	85.3	13.4	59.2	87.8	14.3						
44.0	45.4	80.9	12.7	50.1	83.7	13.4	56.8	86.5	13.8						
46.0	42.5	78.8	11.5	47.3	81.9	12.8	54.3	85.1	13.6						
48.0	39.3	76.4	11.0	44.5	79.9	12.5	51.7	83.6	13.4						
50.0	36.0	73.8	10.5	41.5	77.7	12.2	49.1	81.9	13.2						
51.6										55.0	83.1	12.7			
55.0	25.9	65.3	9.3	33.0	71.0	11.2	41.9	76.9	12.3	50.8	80.5	13.1			
58.0	17.5	57.5	8.5												
60.0				21.7	61.1	9.5	33.5	70.3	11.5	43.8	75.8	12.5			
62.0				15.1	54.9	8.8									
65.0							22.5	60.7	10.1	35.8	69.7	11.7			
67.0							16.2	54.8	9.5						
70.0										25.7	61.2	10.6			
73.0										17.2	53.3	9.9			
76.1													35.0	61.1	8.5
80.0													28.4	55.5	7.7
84.0													17.8	45.9	7.0



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 5	9.5 m Pl		lumín				
16.9	78.0	99.1	15.9												
18.0	76.9	98.9	15.7												
20.0	74.9	98.4	14.9												
22.0	72.9	97.8	14.2												
24.0	70.8	97.1	13.6												
25.2				73.0	97.5	13.8									
26.0	68.8	96.3	13.2	72.2	97.2	13.7									
28.0	66.7	95.5	12.8	70.2	96.5	13.4									
30.0 32.0	64.5 62.3	94.5 93.5	12.5 12.3	68.1 66.0	95.7 94.8	13.1 12.8				ł					
34.0	60.1	93.5	12.3	63.8	94.8	12.8									
34.0 36.0	57.8	92.4	11.8	61.6	93.9 92.8	12.5									
38.0	55.5	89.8	11.6	59.4	91.6	12.3				i					
38.2	33.3	03.0	11.0	55.4	31.0	12.1	65.0	93.3	12.6	i			i		
40.0	53.1	88.3	11.4	57.1	90.4	11.8	63.0	92.3	12.5						
42.0	50.6	86.7	11.3	54.7	89.0	11.6	60.8	91.2	12.2						
44.0	48.0	84.9	10.9	52.3	87.4	11.5	58.6	90.0	12.0	l					
46.0	45.3	83.0	10.5	49.8	85.8	11.3	56.2	88.7	11.8						
48.0	42.5	80.8	10.1	47.2	84.0	11.1	53.9	87.3	11.6						
50.0	39.5	78.5	9.7	44.4	82.0	10.8	51.4	85.7	11.5						
53.3										55.0	85.5	11.3			
55.0	31.0	71.2	8.9	36.9	76.0	10.4	44.8	81.1	11.0	53.0	84.3	11.3			
60.0	19.3	60.2	7.8	27.7	67.8	9.2	37.3	75.2	10.6	46.6	79.9	11.0			
61.0	16.0	56.9	7.5												
65.0				15.9	56.5	7.4	28.2	67.2	9.6	39.4	74.4	10.6			
70.0							16.9	56.3	8.2	30.8	67.1	10.0			
75.0 76.0										19.1 15.7	56.0 52.7	9.0 8.8			
76.0 78.5										15.7	52.7	0.0	35.0	62.8	7.7
80.0													33.4	61.4	7.7
85.0													23.0	51.9	6.6
87.0													17.3	46.3	6.2



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

		gulo de orincipal		83° Án	gulo de orincipa	pluma I		gulo de principa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 6	2.5 m Pl		lumín		-		
17.5 18.0 20.0 22.0 24.0	78.0 77.6 75.7 73.7 71.8	102.1 102.0 101.5 100.9 100.3	14.4 14.4 13.7 13.1 12.6												
26.0 26.1 28.0 30.0 32.0	69.8 67.9 65.8 63.8	99.5 98.7 97.9 96.9	12.2 11.8 11.5 11.3	73.0 71.2 69.2 67.2	100.3 99.7 98.9 98.1	12.5 12.4 12.0 11.8									
34.0 36.0 38.0 39.5 40.0	61.7 59.6 57.4 55.1	95.8 94.7 93.4 92.0	11.1 10.9 10.7	65.2 63.1 61.0 58.9	97.2 96.2 95.1 93.9	11.5 11.3 11.1	65.0 64.4	96.0 95.7	11.4 11.4						
42.0 44.0 46.0 48.0 50.0	52.9 50.5 48.0 45.5 42.8	90.5 88.9 87.1 85.2 83.1	10.3 10.1 9.8 9.5 9.3	56.7 54.4 52.1 49.7 47.2	92.6 91.2 89.7 88.0 86.2	10.6 10.5 10.3 10.2 10.0	62.4 60.2 58.1 55.9 53.6	94.7 93.5 92.3 91.0 89.5	11.2 11.0 10.8 10.6 10.5						
55.0 55.1 60.0 64.0	35.4 26.2 15.6	76.8 68.2 57.3	9.3 8.7 7.7 6.9	40.5 32.6	80.9 73.9	9.7	47.6 40.9	85.3 80.0	9.9	55.0 49.2	88.0 84.0	10.2 10.0 9.8			
65.0 68.0 70.0 73.0 75.0				22.5 15.5	64.1 56.9	7.9 6.8	23.1 16.5	73.2 63.6 56.8	9.5 8.4 7.4	35.2 26.0	79.1 72.7 64.0	9.6 8.9			
79.0 81.0 85.0 90.0										15.3	53.1	8.1	35.0 28.9 16.9	64.5 58.9 46.8	7.1 6.5 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		83° Án	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 6	5.5 m Plı	eza de p umín	lumín				
18.2 20.0 22.0 24.0 26.0	78.0 76.3 74.5 72.7 70.8	105.0 104.6 104.0 103.4 102.7	13.1 12.8 12.2 11.7 11.3												
27.0 28.0 30.0 32.0 34.0	68.9 67.0 65.1 63.1	102.0 101.1 100.2 99.2	11.0 10.7 10.4 10.2	73.0 72.1 70.2 68.3 66.4	103.2 102.9 102.2 101.4 100.5	11.5 11.5 11.2 10.9 10.7									
36.0 38.0 40.0 40.7	61.1 59.1 57.0	98.1 97.0 95.7	10.0 9.8 9.6	64.5 62.5 60.5	99.6 98.5 97.4	10.4 10.2 10.0	65.0	98.7	10.4						
42.0 44.0 46.0 48.0 50.0	54.8 52.6 50.4 48.0 45.6 39.0	94.3 92.8 91.2 89.4 87.5 81.8	9.4 9.2 9.1 8.8 8.6 8.0	58.4 56.3 54.1 51.9 49.6 43.5	96.2 94.9 93.5 91.9 90.3	9.8 9.6 9.4 9.3 9.1 8.7	63.7 61.8 59.7 57.6 55.5 50.0	98.1 97.0 95.8 94.6 93.2 89.3	10.4 10.2 10.0 9.8 9.6 9.3						
55.0 56.8 60.0 65.0 67.0 70.0	31.2 21.0 15.2	74.5 64.0 57.7	7.4 6.6 6.3	36.6 28.3	79.3 71.2 58.7	8.7 8.3 7.6	43.9 37.0 28.8	89.3 84.6 78.5	8.9 8.6	55.0 51.4 45.5 38.9	90.4 88.0 83.4 77.8	9.3 9.1 8.9			
70.0 71.0 75.0 76.0 80.0 82.0				15.2	57.3	6.1	17.3 16.1	58.5 57.2	7.3 6.6	31.1 20.8 17.0	70.4 59.9 55.7	8.6 8.3 7.7 6.8			
83.4 85.0 90.0 93.0										17.0	55.7	0.8	35.0 33.4 24.2 16.5	66.3 64.8 55.5 47.2	6.4 6.2 5.4 5.0



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto lumín (1: i] Posici	916-1) 6	8.5 m Pli	eza de p umín	lumín				
18.8 20.0 22.0 24.0 26.0 27.9	78.0 77.0 75.2 73.5 71.7	107.9 107.7 107.1 106.6 105.9	12.0 11.9 11.3 10.9 10.6	73.0	106.1	10.6									
28.0 30.0 32.0 34.0 36.0	69.9 68.1 66.3 64.4 62.5	105.2 104.4 103.5 102.6	10.3 10.0 9.8 9.5	72.9 71.1 69.3 67.5	106.0 105.3 104.6 103.8	10.6 10.5 10.2 10.0 9.8									
38.0 40.0 42.0 44.0	60.6 58.6 56.6 54.6	100.5 99.2 97.9 96.5	9.1 8.9 8.7 8.5	63.8 61.9 60.0 58.0	101.9 100.9 99.7 98.5	9.5 9.4 9.2 8.9	65.0 63.1	101.4 100.4	9.6 9.5						
46.0 48.0 50.0 55.0 58.5	52.4 50.3 48.0 42.0	95.0 93.4 91.6 86.5	8.3 8.2 7.9 7.5	56.0 53.9 51.8 46.1	97.2 95.7 94.2 89.7	8.7 8.6 8.4 7.9	61.2 59.2 57.3 52.1	99.3 98.1 96.9 93.2	9.3 9.2 9.0 8.5	55.0	92.9	8.5			
60.0 65.0 70.0 73.0 75.0	35.2 26.9 16.8	80.1 71.6 60.4	7.1 6.5 5.4	39.9 32.7 23.6 16.0	84.2 77.3 67.7 59.1	7.5 7.1 6.5 6.1	46.5 40.3 33.1 24.2	88.8 83.4 76.5	8.1 7.7 7.4 6.9	53.4 47.9 41.9 35.1	91.8 87.6 82.5	8.5 8.1 7.8			
79.0 80.0 85.0 85.9 90.0							15.7	57.6	5.9	26.8 16.6	67.5 56.2	7.2 6.2	35.0 29.4	68.0 62.2	5.8 5.2
95.0 96.0													18.9 16.1	50.9 47.6	4.5 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		83° Án	gulo de principa	pluma I		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]
				38.0		eza de p	il, Punto Iumín (19 n] Posici	916-1) 7	1.5 m Pl		lumín				
19.4	78.0	110.9	10.8												
20.0	77.5	110.7	10.8												
22.0	75.9	110.3	10.4												
24.0	74.2	109.7	10.0												
26.0	72.5	109.1	9.6												
28.0	70.8	108.4	9.4												
28.8				73.0	108.9	9.6									
30.0	69.1	107.6	9.2	71.9	108.5	9.5									
32.0	67.3	106.8	8.9	70.2	107.8	9.3 9.1									
34.0 36.0	65.6 63.8	105.9 104.9	8.7 8.5	68.5 66.8	107.0 106.2	9.1 8.9									
36.0	61.9	104.9	8.4	65.0	105.2	8.9									
40.0	60.1	103.9	8.2	63.2	105.3	8.5									
42.0	58.2	102.6	8.0	61.4	104.3	8.4									
43.3	00.2	101.0	0.0	Ŭ1.∓	100.2	0.4	65.0	104.1	8.6	i					
44.0	56.3	100.2	7.8	59.5	102.0	8.2	64.3	103.8	8.6						
46.0	54.3	98.8	7.7	57.6	100.8	8.0	62.5	102.7	8.5						
48.0	52.3	97.3	7.5	55.6	99.4	7.8	60.7	101.6	8.3	i					
50.0	50.2	95.6	7.4	53.7	98.0	7.7	58.8	100.4	8.2						
55.0	44.7	90.9	7.0	48.4	93.8	7.4	53.9	97.0	7.8						
60.0	38.5	85.2	6.7	42.7	88.8	7.1	48.7	92.9	7.5						
60.2										55.0	95.4	7.6			
65.0	31.4	77.9	6.3	36.3	82.6	6.8	43.1	88.0	7.2	50.1	91.6	7.4			
70.0	22.4	67.7	5.7	28.8	74.6	6.3	36.7	81.9	7.0	44.6	86.9	7.2			
73.0	16.5	60.8	4.9												
75.0				18.5	62.9	5.7	29.2	74.0	6.6	38.4	81.1	7.0			
76.0				15.7	59.5	5.6	40.0	00.5	0.0		70.0	0.0			
80.0							19.2	62.5	6.2	31.3	73.8	6.8			
82.0							15.4	58.0	5.5	22.2	62.6	6.5			
85.0 88.0				-						22.2 16.2	63.6 56.6	6.5 5.8			
88.4 88.4										10.2	0.00	5.6	35.0	69.7	5.2
90.0													33.4	68.1	5.2
95.0				Ī									25.1	59.0	4.3
99.0													15.7	48.0	3.8



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

		gulo de 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]
				38.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 7	4.5 m Pli	eza de p umín	lumín				
20.0 22.0 24.0 26.0 28.0	78.0 76.4 74.8 73.2 71.6	113.8 113.3 112.8 112.2 111.6	9.8 9.6 9.1 8.8 8.6												
29.6 30.0 32.0 34.0 36.0	70.0 68.3 66.6 64.9	110.9 110.1 109.2 108.3	8.4 8.2 8.0 7.8	73.0 72.7 71.1 69.4 67.8	111.8 111.7 111.0 110.3 109.5	8.7 8.7 8.6 8.3 8.2									
38.0 40.0 42.0 44.0 44.5	63.2 61.4 59.6 57.8	107.3 106.2 105.1 103.8	7.7 7.6 7.4 7.3	66.1 64.4 62.6 60.9	108.6 107.6 106.6 105.5	8.0 7.8 7.7 7.5	65.0	106.8	7.8						
44.5 46.0 48.0 50.0 55.0 60.0	56.0 54.1 52.1 47.0 41.4	102.5 101.0 99.5 95.2 89.9	7.1 7.0 6.9 6.7 6.4	59.1 57.2 55.4 50.5 45.2	104.3 103.1 101.7 97.8 93.2	7.4 7.3 7.1 6.9 6.7	63.7 62.0 60.2 55.6 50.8	106.8 106.1 105.1 103.9 100.7 96.9	7.8 7.6 7.5 7.2 6.9						
61.9 65.0 70.0 75.0 76.0	35.1 27.5 17.2 16.1	83.4 75.0 62.5 61.2	6.2 5.6 5.0 4.4	39.4 32.8 24.6	87.6 80.6 71.2	6.5 6.2 5.6	45.5 39.8 33.2	92.3 86.8 79.9	6.7 6.6 6.4	55.0 52.0 46.9 41.3	97.8 95.5 91.1 85.9	6.9 6.8 6.6 6.5			
79.0 80.0 85.0 90.0 90.8				15.3	59.9	5.2	25.1 15.1	70.7 58.4	6.0 5.2	35.0 27.4 16.9	79.4 70.9 58.3	6.4 6.1 5.8	35.0	71.4	4.8
91.0 95.0 100.0 102.0										15.9	57.0	5.5	29.7 20.5 15.4	65.6 54.7 48.4	4.2 3.6 3.4



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	il, Punto Ilumín (1 n] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.7	78.0	116.7	8.8										I		
22.0	77.0	116.4	8.7							i			İ		
24.0	75.4	115.9	8.3							i			İ		
26.0	73.9	115.4	8.0												
28.0	72.3	114.7	7.8												
30.0	70.8	114.0	7.6												
30.5				73.0	114.7	7.8									
32.0	69.2	113.3	7.4	71.8	114.2	7.8									
34.0	67.6	112.5	7.2	70.3	113.5	7.6									
36.0	65.9	111.6	7.1	68.7	112.7	7.4									
38.0	64.3	110.7	6.9	67.1	111.9	7.2									
40.0	62.6 60.9	109.6 108.5	6.8 6.6	65.4 63.8	111.0 110.0	7.0 6.9							ł		
42.0 44.0	59.2	108.5	6.5	62.1	110.0	6.8									
45.8	39.2	107.4	0.5	02.1	100.9	0.0	65.0	109.6	6.9						
46.0	57.5	106.1	6.4	60.4	107.8	6.6	64.8	109.5	6.9						
48.0	55.7	104.7	6.3	58.7	106.6	6.5	63.2	108.5	6.8						
50.0	53.8	103.3	6.1	56.9	105.3	6.4	61.5	107.4	6.7	i			İ		
55.0	49.1	99.2	5.9	52.3	101.7	6.1	57.1	104.4	6.4						
60.0	43.9	94.4	5.7	47.4	97.4	5.9	52.6	100.8	6.1						
63.7										55.0	100.3	6.0			
65.0	38.2	88.5	5.5	42.1	92.2	5.7	47.7	96.5	5.9	53.8	99.3	6.0			
70.0	31.6	81.2	5.2	36.1	86.0	5.5	42.4	91.4	5.8	49.0	95.2	5.8			
75.0	23.4	71.4	4.7	29.2	78.0	5.2	36.5	85.2	5.6	43.8	90.3	5.7			
79.0	15.8	61.6	4.0												
80.0				20.1	66.8	4.8	29.6	77.3	5.4	38.1	84.5	5.6			
82.0 85.0				15.0	60.3	4.7	20.7	66.4	5.2	31.5	77.1	5.5	l		
85.0 87.0							20.7 15.8	60.2	5.2 5.1	31.5	77.1	5.5			
90.0							13.0	00.2	J. 1	23.3	67.2	5.4	ĺ		
93.3										20.0	01.2	J. T	35.0	73.1	4.2
94.0										15.6	57.4	4.9	00.0	70.1	7.2
95.0				Ī							0		33.4	71.4	4.0
100.0													25.9	62.5	3.3
105.0													15.1	48.8	2.8



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

		gulo de orincipa			gulo de orincipa		75° Án I	gulo de orincipa	pluma		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 8	0.5 m Plı	eza de p umín	lumín				
21.3 22.0 24.0 26.0 28.0 30.0	78.0 77.5 76.0 74.5 73.0 71.5	119.7 119.5 119.0 118.5 117.9	8.0 8.0 7.7 7.4 7.2												
31.4 32.0 34.0 36.0 38.0	70.0 68.5 66.9	116.5 115.7 114.9	6.8 6.6 6.4 6.3	73.0 72.5 71.0 69.5 68.0	117.5 117.3 116.7 115.9	7.1 7.1 6.9 6.7 6.6									
40.0 42.0 44.0 46.0	63.7 62.1 60.5 58.8	113.0 112.0 110.8 109.6	6.1 6.0 5.9 5.8	66.4 64.8 63.2 61.6	114.3 113.3 112.3 111.3	6.4 6.3 6.1 6.0									
47.1 48.0 50.0 55.0 60.0	57.1 55.4 50.9 46.1	108.4 107.0 103.2 98.7	5.6 5.5 5.3 5.1	60.0 58.3 54.0 49.4	110.1 108.9 105.5 101.4	5.9 5.7 5.5 5.3	65.0 64.3 62.6 58.5 54.2	112.3 111.8 110.8 107.9 104.5	6.2 6.2 6.1 5.8 5.5						
65.0 65.4 70.0 75.0 80.0	40.8 35.0 28.0 18.9	93.3 86.7 78.4 66.6	4.9 4.8 4.4 4.1	44.4 39.0 32.8 25.4	96.7 90.9 83.9 74.7	5.1 4.9 4.7 4.5	49.6 44.7 39.3 33.2	95.8 90.1 83.2	5.3 5.1 5.0 4.9	55.0 50.8 46.0 40.8	102.7 99.2 94.6 89.2	5.3 5.2 5.0 4.9			
82.0 85.0 90.0 95.0 95.7	15.5	62.0	3.6	16.4	63.0	3.9	25.8 15.5	74.2 60.6	4.8 4.7	34.9 27.9 18.7	82.7 74.3 62.4	4.8 4.8 4.8	35.0	74.9	3.7
97.0 100.0 105.0 107.0										15.3	57.8	4.3	30.0 21.8 17.4	68.9 58.5 52.7	3.2 2.6 2.4



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

		gulo de 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]
				38.0	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 8	3.5 m Pl	eza de p umín	lumín				
21.9	78.0	122.6	7.2												
22.0	77.9	122.6	7.2												
24.0	76.5	122.1	7.0												
26.0	75.1	121.6	6.8												
28.0	73.7	121.0	6.6												
30.0	72.2	120.4	6.4												
32.0	70.7	119.7	6.2												
32.3				73.0	120.4	6.4									
34.0	69.3	119.0	6.1	71.7	119.8	6.3									
36.0	67.8	118.2	5.9	70.3	119.1	6.2									
38.0	66.3 64.8	117.3 116.4	5.7 5.6	68.8 67.3	118.4 117.5	6.0 5.9									
40.0 42.0	63.2	115.4	5.5	65.8	117.5	5.9									
44.0	61.7	114.3	5.4	64.3	115.7	5.6							i		
46.0	60.1	113.1	5.3	62.7	114.7	5.5									
48.0	58.5	111.9	5.1	61.2	113.6	5.4									
48.3							65.0	115.0	5.5	i					
50.0	56.8	110.6	5.0	59.6	112.4	5.2	63.7	114.2	5.5	İ			İ		
55.0	52.6	107.0	4.8	55.5	109.2	5.0	59.8	111.4	5.2						
60.0	48.1	102.8	4.6	51.1	105.4	4.8	55.7	108.2	5.0						
65.0	43.2	97.8	4.4	46.5	100.9	4.5	51.4	104.4	4.8						
67.1										55.0	105.2	4.7			
70.0	37.9	91.9	4.2	41.5	95.6	4.4	46.8	100.0	4.6	52.5	103.0	4.7			
75.0	31.7	84.5	4.0	35.9	89.3	4.2	41.8	94.8	4.4	48.0	98.8	4.5			
80.0	24.3	74.9	3.7	29.5	81.3	4.0	36.3	88.5	4.3	43.1	93.8	4.4			
85.0	15.2	62.4	3.1	21.3	70.6	3.8	29.9	80.7	4.2	37.8	87.8	4.3			
88.0 90.0				16.1	63.4	3.3	21.9	70.1	4.1	31.6	80.4	4.2	l		
90.0							21.9 15.2	61.0	4.1	31.0	00.4	4.2			
95.0							13.2	01.0	4.0	24.2	70.8	4.2	ĺ		
98.2										27.2	70.0	7.4	35.0	76.6	3.1
99.0										16.0	59.6	4.1	00.0	7 0.0	0.1
100.0				Ī							00.0		33.5	74.7	2.9
105.0													26.5	65.9	2.4
108.0													21.4	59.0	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		83° Án I	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 8	6.5 m Pl	eza de p umín	lumín				
22.5	78.0	125.6	6.5												
24.0	77.0	125.2	6.4												
26.0	75.6	124.7	6.2												
28.0	74.2	124.2	6.0												
30.0	72.8	123.5	5.8												
32.0	71.4	122.9	5.7												
33.1				73.0	123.3	5.8									
34.0	70.0	122.2	5.5	72.4	123.0	5.8									
36.0	68.6	121.4	5.4	71.0	122.3	5.7									
38.0	67.2	120.6	5.3	69.6	121.6	5.5									
40.0	65.7 64.2	119.7 118.7	5.1 5.0	68.1 66.7	120.8 119.9	5.4 5.2									
42.0 44.0	62.7	118.7	5.0 4.9	65.2	119.9	5.2 5.1									
46.0	61.2	116.6	4.8	63.8	118.1	5.0							ł		
48.0	59.7	115.5	4.7	62.3	117.0	4.9									
49.6	00.7	110.0	7.7	02.0	117.0	7.0	65.0	117.7	5.0						
50.0	58.1	114.2	4.6	60.7	115.9	4.8	64.7	117.5	5.0						
55.0	54.1	110.8	4.4	56.8	112.8	4.6	60.9	114.9	4.8	i					
60.0	49.8	106.8	4.2	52.7	109.2	4.4	57.0	111.8	4.6	İ		İ			
65.0	45.3	102.2	4.0	48.4	105.0	4.2	53.0	108.3	4.4						
68.8										55.0	107.6	4.3			
70.0	40.4	96.7	3.7	43.7	100.1	3.9	48.6	104.1	4.2	54.0	106.8	4.3			
75.0	34.9	90.1	3.6	38.6	94.3	3.8	44.0	99.3	4.0	49.8	102.8	4.1			
80.0	28.5	81.8	3.4	32.9	87.2	3.6	38.9	93.5	3.8	45.2	98.1	4.0			
85.0	20.3	70.5	3.2	26.0	78.2	3.4	33.2	86.5	3.7	40.3	92.6	3.8			
87.0	15.9	64.2	3.1												
90.0				16.8	65.1	3.3	26.5	77.6	3.6	34.8	86.0	3.7			
91.0 95.0				15.9	63.8	2.8	17.4	64.9	3.4	28.3	77.7	3.6			
95.0 96.0							16.5	63.6	3.4	20.3	11.1	3.0			
100.0							10.0	00.0	0.0	20.1	66.3	3.6			
100.6										20.1	00.0	0.0	35.0	78.3	2.7
102.0				Ī						15.7	60.0	3.5	00.0		
105.0													30.3	72.3	2.2
107.0													27.5	68.6	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]
				38.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 8	9.5 m Pl	eza de p umín	lumín				
23.2	78.0	128.5	5.8												
24.0	77.4	128.3	5.8												
26.0	76.1	127.8	5.5												
28.0	74.8	127.3	5.4												
30.0	73.4	126.7	5.2												
32.0	72.1	126.1	5.0												
34.0	70.7	125.4	4.9	73.0	126.1	5.1									
36.0	69.4	124.6	4.8	71.7	125.5	5.0									
38.0	68.0	123.8	4.6	70.3	124.8	4.9									
40.0	66.6	123.0	4.5	68.9	124.0	4.7									
42.0	65.2	122.0	4.4	67.5	123.2	4.6									
44.0	63.7	121.1	4.3	66.1	122.3	4.5									
46.0	62.3	120.0	4.2	64.7	121.4	4.3									
48.0	60.8	118.9	4.1	63.3	120.4	4.2									
50.0	59.3	117.7	4.0	61.8	119.3	4.2	05.0	400.4	4.0						
50.9 55.0	55.5	114.5	3.8	E0 1	116.4	3.9	65.0 62.0	120.4 118.3	4.3 4.2						
60.0	51.5	114.5	3.6	58.1 54.2	113.0	3.9	58.3	115.4	3.9						
65.0	47.2	106.7	3.4	50.1	109.0	3.5	54.4	112.0	3.9						
70.0	42.6	100.3	3.2	45.7	104.4	3.4	50.3	108.1	3.6						
70.5	72.0	101.2	J.2	43.1	104.4	5.4	30.5	100.1	3.0	55.0	110.1	3.6			
75.0	37.6	95.2	3.0	41.0	99.0	3.2	46.0	103.5	3.4	51.4	106.7	3.5			
80.0	31.9	87.8	2.9	35.8	92.6	3.1	41.3	98.2	3.3	47.1	102.3	3.3	i		
85.0	25.0	78.4	2.7	29.8	84.7	2.9	36.1	91.8	3.1	42.5	97.2	3.2	i		
90.0	15.6	64.6	2.5	22.4	74.3	2.7	30.1	84.0	3.0	37.5	91.1	3.1			
94.0				15.6	64.2	2.3									
95.0							22.8	73.8	2.9	31.8	83.8	3.0			
99.0							16.2	64.1	2.4						
100.0										24.9	74.3	2.9			
103.1													35.0	80.0	2.1
104.0													34.6	79.5	2.1
105.0										15.4	60.4	2.9			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 9:	2.5 m Pli	eza de p umín	lumín				
23.8	78.0	131.4	5.1												
24.0	77.9	131.4	5.1												
26.0	76.6	130.9	5.0												
28.0	75.3	130.4	4.8												
30.0	74.0	129.8	4.7												
32.0	72.7	129.2	4.5												
34.0	71.4	128.5	4.3												
34.9				73.0	129.0	4.5									
36.0	70.1	127.8	4.2	72.3	128.7	4.5									
38.0	68.7	127.1	4.1	71.0	128.0	4.3									
40.0	67.4	126.2	4.0	69.6	127.2	4.2									
42.0	66.0	125.4	3.9	68.3	126.5	4.1									
44.0	64.7	124.4	3.7	67.0	125.6	3.9									
46.0	63.3	123.4	3.6	65.6	124.7	3.8									
48.0	61.9	122.4	3.6	64.2	123.8	3.7									
50.0	60.4	121.2	3.5	62.8	122.7	3.6									
52.1							65.0	123.2	3.7						
55.0	56.8	118.1	3.3	59.2	119.9	3.4	63.0	121.7	3.6						
60.0	52.9	114.5	3.1	55.5	116.7	3.2	59.4	118.9	3.4						
65.0	48.9	110.4	2.9	51.6	112.9	3.0	55.7	115.7	3.2						
70.0	44.6	105.6	2.7	47.5	108.6	2.9	51.9	112.0	3.0						
72.3										55.0	112.6	3.0			
75.0	40.0	100.0	2.6	43.1	103.6	2.7	47.8	107.7	2.9	52.9	110.5	3.0			
80.0	34.8	93.4	2.4	38.3	97.6	2.6	43.4	102.7	2.8	48.8	106.4	2.8			
85.0				32.9	90.5	2.5	38.6	96.8	2.6	44.5	101.6	2.7			
90.0				26.6	81.6	2.3	33.3	89.8	2.5	39.9	96.0	2.6			
95.0							27.0	81.0	2.4	34.7	89.3	2.5			
100.0										28.7	81.1	2.4			
105.0										21.2	70.1	2.3			
108.0										15.1	60.7	2.3			



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]
				38.0		eza de p	ıl, Punto lumín (19 1] Posici	916-1) 9	5.5 m Pli		lumín		-		
24.4	78.0	134.4	4.7												
26.0	77.0	134.0	4.6												
28.0	75.8	133.5	4.5												
30.0	74.5	132.9	4.3												
32.0	73.3	132.4	4.2												
34.0	72.0	131.7	4.1												
35.8				73.0	131.9	4.1									
36.0	70.7	131.0	4.0	72.9	131.8	4.1				•					
38.0	69.4	130.3	3.9	71.6	131.1	4.1									
40.0	68.1	129.5	3.7	70.3	130.4	3.9									
42.0	66.8	128.6	3.6	69.0	129.7	3.8									
44.0	65.5	127.7	3.5	67.7	128.9	3.7									
46.0	64.2	126.8	3.4	66.4	128.0	3.6									
48.0	62.8	125.8	3.3	65.1	127.1	3.5									
50.0	61.5	124.7	3.3	63.7	126.1	3.4									
53.4							65.0	125.9	3.4						
55.0	57.9	121.7	3.0	60.3	123.4	3.2	63.9	125.1	3.4						
60.0	54.3	118.3	2.8	56.8	120.3	2.9	60.5	122.4	3.2						
65.0	50.5	114.4	2.6	53.1	116.7	2.7	57.0	119.3	3.0						
70.0	46.4	109.9	2.3	49.2	112.6	2.5	53.3	115.8	2.8						
74.0										55.0	115.0	2.7			
75.0							49.4	111.7	2.6	54.2	114.3	2.7			
80.0							45.3	107.0	2.3	50.4	110.4	2.5			
85.0										46.4	105.8	2.3			



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	al, Punto dumín (2 n] Posici	316-1) 3	8.5 m Pl	eza de p umín	lumín				
12.6	78.0	81.6	58.9												
13.0	77.4	81.5	58.9												
14.0	75.8	81.3	55.9												
16.0	72.7	80.7	47.3												
18.0	69.6	79.9	40.5												
19.5				73.0	80.3	49.2									
20.0	66.4	79.1	34.7	72.2	80.2	49.0									
22.0	63.0	78.1	30.0	69.0	79.4	45.2									
24.0	59.6	77.0	26.8	65.7	78.6	40.3									
26.0	56.1	75.7	24.1	62.4	77.6	35.5									
28.0	52.4	74.2	22.0	59.0	76.4	31.8									
30.0	48.5	72.5	20.4	55.4	75.1	28.7									
30.1	44.3	-0 -	19.0	51.6	70.5	00.0	65.0 61.9	77.1 76.1	32.1 30.7						
32.0	39.8	70.5 68.3		47.7	73.5 71.8	26.3 24.1		75.0	29.1						
34.0			17.7		69.8		58.4 54.8	73.6	27.3						
36.0 38.0	34.8 29.0	65.5 62.2	16.6 15.8	43.5 38.9	67.4	22.2 20.5	54.6 51.0	72.0	25.9						
40.0	29.0	57.9	14.9	33.7	64.6	19.2	47.0	70.3	25.9						
41.0	17.2	54.9	14.9	33.1	04.0	19.2	47.0	70.3	24.5						
42.0	17.2	34.3	17.7	27.8	61.1	18.0	42.8	68.2	23.2						
42.6				21.0	01.1	10.0	72.0	00.2	20.2	55.0	71.0	20.6			
44.0				20.2	56.5	16.8	38.1	65.8	22.1	52.5	70.0	20.8			
45.0				15.0	53.1	16.2	00.1	00.0		02.0		20.0	i		
46.0							32.9	62.9	21.2	48.6	68.3	20.0	i		
48.0							26.7	59.3	20.4	44.5	66.4	19.2			
50.0							18.7	54.3	19.5	40.0	64.1	18.3			
51.0							15.1	52.0	15.1						
55.0										25.9	56.2	16.6			
57.0										17.6	50.9	15.9			
63.4													35.0	52.9	10.4
65.0													32.3	51.3	10.0
69.0													17.7	42.4	8.9



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
	-			41.0	n Pluma Cah	principa	ıl, Punto lumín (2	de carga	1 - Cab	eza de p	lumín	-	_		
					Cab	19.0 [m	n] Posici	ón midfa	II (2316)	ullilli					
13.2	78.0	84.5	53.7												
14.0	76.9	84.3	53.7												
16.0 18.0	74.0 71.1	83.8 83.1	46.5 39.5												
20.0	68.2	82.4	39.5												
20.0	00.2	02.4	34.4	73.0	83.2	45.8									
20.3	65.1	81.5	29.6	70.6	82.6	44.4									
24.0	62.0	80.5	26.2	67.6	81.8	40.9									
26.0	58.8	79.3	23.7	64.6	80.9	35.8							i		
28.0	55.5	78.0	21.7	61.4	79.9	32.1									
30.0	52.1	76.4	20.0	58.2	78.7	28.9									
31.4							65.0	79.8	29.2						
32.0	48.4	74.7	18.7	54.9	77.3	26.2	64.1	79.5	29.1			İ	İ		
34.0	44.6	72.8	17.4	51.4	75.8	24.1	60.9	78.5	27.5						
36.0	40.4	70.5	16.3	47.7	74.0	22.2	57.7	77.2	26.1						
38.0	35.9	67.9	15.3	43.8	72.0	20.5	54.3	75.9	24.5						
40.0	30.8	64.8	14.5	39.6	69.7	19.0	50.8	74.3	23.4						
42.0	24.7	60.9	13.8	35.0	67.0	17.8	47.1	72.5	22.2						
44.0	16.5	55.3	13.0	29.7	63.8	16.7	43.2	70.5	21.0						
44.3										55.0	73.5	18.5			
46.0				23.3	59.6	15.7	38.9	68.1	20.0	52.2	72.3	18.9			
48.0				16.3	54.8	13.7	34.2	65.3	19.2	48.6	70.6	18.1			
50.0							28.8	62.0	18.4	44.7	68.6	17.4			
53.0							18.0	54.8	17.3	00.0	00.0	45.0			
55.0										33.6	62.3	15.6			
60.0										16.9	51.4	14.1	25.0	540	0.0
65.9 70.0													35.0 25.0	54.6 48.3	9.3 8.3
70.0 72.0													25.0 17.0	48.3 42.9	7.8



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

		gulo de 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]
				41.0	m Pluma Cab	eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 4	4.5 m Plı	eza de p umín	lumín				
13.8	78.0	87.5	49.5												
14.0	77.8	87.4	49.5												
16.0	75.1	86.9	45.7												
18.0	72.4	86.3	39.3												
20.0	69.7	85.6	34.0												
21.2				73.0	86.1	43.1									
22.0	66.9	84.8	29.6	71.9	85.8	42.9									
24.0	64.1	83.8	25.9	69.2	85.1	40.2									
26.0	61.2	82.8	23.2	66.4	84.2	36.6									
28.0	58.2	81.6	21.3	63.5	83.3	32.4									
30.0	55.0	80.2	19.7	60.6	82.2	29.3									
32.0	51.8	78.7	18.4	57.6	81.0	26.5									
32.6							65.0	82.6	26.4						
34.0	48.4	77.0	17.2	54.4	79.6	24.2	63.1	81.9	26.6						
36.0	44.8	75.0	16.1	51.2	78.0	22.4	60.1	80.8	24.9						
38.0	41.0	72.8	15.1	47.8	76.3	20.7	57.1	79.5	23.6						
40.0	36.8	70.3	14.2	44.1	74.3	19.1	53.9	78.1	22.3						
42.0	32.2	67.3	13.5	40.2	72.0	17.8	50.7	76.5	21.3						
44.0	26.9	63.7	12.8	36.0	69.4	16.6	47.2	74.7	20.3		70.0	40.0			
46.0	20.2 15.9	58.9	12.1	31.3	66.3	15.7	43.5	72.7	19.2	55.0	76.0	16.8			
47.0 48.0	15.9	55.7	11.8	25.7	60.5	14.0	20.6	70.4	18.3	F1.0	74.5	17.3			
48.0 50.0				25.7 18.7	62.5 57.4	14.8 13.8	39.6 35.3	70.4 67.7	18.3 17.6	51.9 48.6	74.5 72.8	17.3 16.5			
50.0 51.0				15.7	57.4 55.2	13.8	ან.ა	01.1	17.0	40.0	12.0	10.5			
55.0				13.7	33.2	12.0	21.4	58.2	15.9	39.1	67.5	14.8			
56.0							17.4	55.2	15.5	33.1	01.5	14.0			
60.0							17.7	55.2	10.0	27.1	59.6	13.5			
63.0										16.3	51.8	12.7			
68.4				Ī							00		35.0	56.3	8.5
70.0													32.4	54.7	8.1
75.0													16.4	43.3	7.0



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 r		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	7.5 m Pli	eza de p umín	lumín				
14.5 16.0 18.0	78.0 76.1 73.6	90.4 90.0 89.5	45.0 44.4 38.8												
20.0 22.0	71.1 68.5	88.8 88.0	33.1 29.2												
22.1 24.0 26.0	65.8 63.1	87.2 86.2	25.6 22.9	73.0 70.6 68.0	89.0 88.3 87.5	39.8 38.9 36.4									
28.0 30.0	60.4 57.6	85.1 83.8	20.9 19.3	65.3 62.6	86.6 85.6	32.7 29.3									
32.0 33.9 34.0	54.6 51.6	82.5 80.9	17.9 16.7	59.9 57.0	84.5 83.2	26.6	65.0 64.9	85.3 85.2	26.0 26.0						
36.0 38.0	48.4 45.1	79.2 77.3	15.7 14.7	54.1 51.0	81.8 80.3	22.1 20.5	62.2 59.4	84.2 83.1	25.2 23.7						
40.0 42.0 44.0	41.5 37.6 33.4	75.1 72.6 69.8	13.8 13.0 12.3	47.8 44.4 40.8	78.5 76.5 74.3	19.0 17.6 16.4	56.6 53.6 50.5	81.8 80.4 78.8	22.5 21.3 20.4						
46.0 47.7	28.7	66.4	11.7	36.9	71.8	15.3	47.3	77.0	19.4	55.0	78.4	16.2			
48.0 50.0 54.0	23.0 15.4	62.1 56.1	11.1 10.5	32.6 27.7 15.1	68.8 65.3 55.6	14.5 13.7 11.3	43.8 40.2	75.0 72.7	18.5 17.6	54.8 51.7	78.3 76.8	17.1 16.7			
55.0 59.0 60.0							29.4 16.8	65.3 55.6	16.0 14.7	43.5 33.6	72.1 65.7	14.9			
65.0 66.0										19.9 15.8	55.7 55.4 52.2	12.5 12.2			
70.8 75.0 78.0													35.0 26.2 15.8	58.1 51.8 43.7	7.5 6.6 6.0



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		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]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 5	0.5 m Pl	eza de p umín	lumín				
15.1 16.0 18.0 20.0 22.0 23.0 24.0 26.0 28.0	78.0 76.9 74.6 72.2 69.8 67.4 64.9 62.3	93.3 93.1 92.6 92.0 91.3 90.5 89.5 88.5	41.8 41.8 37.8 32.9 28.7 25.6 22.8 20.7	73.0 71.8 69.3 66.9	91.8 91.5 90.8 89.9	37.4 37.2 35.5 33.3									
30.0 32.0 34.0 35.2 36.0 38.0 40.0	59.7 57.0 54.3 51.4 48.4 45.2	87.4 86.1 84.7 83.2 81.4 79.5	19.1 17.7 16.5 15.5 14.5	64.4 61.8 59.2 56.5 53.7 50.8	89.0 87.9 86.8 85.5 84.1 82.5	29.6 26.9 24.5 22.4 20.5 19.1	65.0 64.0 61.4 58.8	88.0 87.6 86.5 85.4	25.3 25.3 24.1 22.8						
42.0 44.0 46.0 48.0 49.4	41.9 38.3 34.5 30.1	77.4 75.0 72.2 68.9	12.8 12.1 11.5 10.9	47.8 44.6 41.3 37.6	80.7 78.8 76.6 74.1	17.7 16.5 15.4 14.4	56.1 53.3 50.4 47.3	84.1 82.6 81.0 79.2	21.6 20.6 19.7 18.8	55.0	80.9	15.7			
50.0 53.0 55.0 56.0 60.0	25.2 16.3	65.0 57.7	10.4 8.8	33.7 21.1 17.5	71.2 61.3 58.4	13.6 11.7 11.3	35.1 23.2	77.2 71.0 61.8	18.0 16.2 14.7	54.4 47.0 38.5	76.4 70.8	16.6 15.1 13.6			
62.0 65.0 69.0 73.3 75.0 80.0 81.0							16.2	56.1	14.1	28.0 15.3	63.0 52.6	12.5 11.3	35.0 32.6 19.3 15.3	59.8 58.0 47.4 44.1	6.7 6.4 5.4 5.2



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı		eza de p	al, Punto lumín (2 n] Posici	316-1) 5	3.5 m Pl		lumín				
15.7 16.0 18.0 20.0	78.0 77.7 75.5 73.2	96.3 96.2 95.7 95.1	37.8 37.8 36.1 32.4												
22.0 23.8 24.0 26.0	71.0 68.7 66.4	94.5 93.7 92.8	27.8 24.7 22.3	73.0 72.8 70.6	94.7 94.6 94.0	33.9 33.9 33.2									
28.0 30.0 32.0 34.0	64.0 61.6 59.1 56.6	91.9 90.8 89.7 88.4	20.2 18.7 17.3 16.0	68.3 65.9 63.5 61.1	93.2 92.3 91.3 90.3	31.8 29.5 26.7 24.7									
36.0 36.4 38.0 40.0	53.9 51.2 48.4	87.0 85.4 83.7	15.0 14.1 13.3	58.6 56.1 53.4	89.1 87.8 86.3	22.4 20.5 18.9	65.0 63.2 60.7	90.7 89.9 88.9	23.4 23.6 22.3						
42.0 44.0 46.0	45.4 42.3 39.0	81.8 79.6 77.3	12.5 11.7 11.1	50.7 47.8 44.8	84.7 83.0 81.0	17.6 16.3 15.2	58.2 55.7 53.0	87.6 86.3 84.9	21.3 20.1 19.2						
48.0 50.0 51.2 55.0	35.4 31.4 18.4	74.6 71.5 60.4	10.5 10.0 8.8	41.7 38.3 28.4	78.9 76.4 68.6	14.2 13.3 11.5	50.2 47.4 39.5	83.2 81.4 76.1	18.4 17.6 15.7	55.0 49.9	83.3 80.4	14.7 14.7			
56.0 59.0 60.0 65.0	15.8	58.1	7.8	17.0	58.8	10.2	29.9 15.8	68.7 56.5	14.3 12.8	42.4 33.6	75.5 69.0	13.3 12.2			
70.0 72.0 75.7							.5.5	33.3	.2.0	21.9 16.2	59.2 54.2	10.7	35.0	61.5	5.8
80.0 83.0													27.2 18.7	55.2 47.9	5.0 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		45° Án	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 i	m Pluma Cab	eza de p	al, Punto Ilumín (2 n] Posici	316-1) 5	6.5 m Pl		lumín				
16.3 18.0 20.0 22.0 24.0 24.7 26.0 28.0 30.0 32.0 34.0 36.0 37.7	78.0 76.3 74.2 72.0 69.9 67.7 65.5 63.2 60.9 58.6 56.1	99.2 98.8 98.3 97.6 96.9 96.1 95.2 94.2 93.2 92.0 90.7	34.8 34.4 31.6 27.7 24.2 21.9 20.0 18.4 17.2 15.9 14.8	73.0 71.6 69.5 67.3 65.1 62.8 60.5	97.6 97.1 96.4 95.6 94.7 93.7 92.6	31.3 31.1 30.2 29.6 26.8 24.6 22.8	65.0	93.4	22.6						
38.0 40.0 42.0 44.0 46.0 48.0 50.0	53.6 51.1 48.4 45.6 42.6 39.5 36.2	89.2 87.6 85.9 84.0 81.9 79.6 76.9	13.9 13.1 12.3 11.6 10.9 10.3 9.8	58.1 55.7 53.1 50.6 47.8 45.0 42.0	91.4 90.0 88.6 87.0 85.2 83.3 81.1	20.8 19.1 17.6 16.4 15.3 14.3	64.7 62.4 60.1 57.7 55.3 52.7 50.1	93.3 92.3 91.2 89.9 88.6 87.1 85.5	22.6 22.1 20.9 20.0 19.0 18.1 17.4						
52.9 55.0 59.0 60.0 62.0	26.2 15.4	68.5 58.5	8.6 7.0	33.7 22.7 16.5	74.6 65.0 59.2	11.4 9.9 9.3	43.1 34.9	80.7 74.4	15.5 14.1	55.0 52.5 45.7	85.8 84.3 79.9	14.0 14.5 13.2			
65.0 68.0 70.0 75.0 78.2 80.0 85.0 86.0							24.5 15.3	65.4 56.9	12.7 11.9	38.0 28.6 15.7	74.2 66.4 54.6	11.9 10.6 9.1	35.0 32.7 21.3 18.2	63.2 61.3 51.3 48.4	5.2 5.0 4.1 4.0



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 5	9.5 m Pl		lumín				
17.0	78.0	102.1	31.7												
18.0	77.0	101.9	31.7												
20.0	75.0	101.4	29.8												
22.0	73.0	100.8	27.3												
24.0	70.9	100.1	23.8												
25.6				73.0	100.4	28.6									
26.0	68.9	99.4	21.3	72.6	100.3	28.5									
28.0	66.8	98.5	19.4	70.6	99.6	28.1									
30.0	64.7	97.6	17.8	68.5	98.8	27.5									
32.0	62.5	96.6	16.6	66.4	98.0	26.2									
34.0	60.3	95.5	15.5	64.3	97.1	24.0									
36.0 38.0	58.1 55.7	94.3 92.9	14.4 13.4	62.1 59.9	96.0 94.9	22.4 20.7				ł					
39.0	55.7	92.9	13.4	59.9	94.9	20.7	65.0	96.1	21.2	ł					
40.0	53.4	91.5	12.5	57.6	93.6	18.9	63.9	95.7	21.2						
42.0	50.9	89.9	11.8	55.3	92.3	17.4	61.8	94.6	20.3						
44.0	48.4	88.2	11.2	52.9	90.8	16.0	59.5	93.5	19.3						
46.0	45.7	86.3	10.5	50.4	89.2	15.0	57.3	92.2	18.5	i			i		
48.0	42.9	84.2	9.9	47.9	87.4	14.0	54.9	90.8	17.5				İ		
50.0	40.0	81.9	9.3	45.2	85.5	13.0	52.5	89.3	16.6						
54.6										55.0	88.2	13.1			
55.0	31.6	74.8	8.2	37.8	79.8	11.0	46.1	85.0	15.0	54.7	88.0	13.7			
60.0	20.4	64.3	7.2	29.0	72.0	9.6	38.9	79.4	13.5	48.5	84.0	12.6			
61.0	17.4	61.3	7.0												
65.0				16.1	59.6	8.2	30.3	72.0	12.3	41.6	78.9	11.5			
70.0							18.4	60.7	11.0	33.6	72.3	10.3			
71.0							16.1	58.5	10.2						
75.0										22.6	62.2	8.9			
78.0										15.3	55.0	8.3			
80.6													35.0	64.9	4.4
85.0													27.9	58.6	3.7
89.0	I												17.7	48.8	3.1



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

		gulo de orincipa		83° Án	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı	m Pluma Cab	eza de p	il, Punto llumín (2 n] Posici	316-1) 6:	2.5 m Pl	eza de p umín	lumín				
17.6 18.0 20.0 22.0 24.0 26.0	78.0 77.6 75.7 73.8 71.9 69.9	105.1 105.0 104.5 103.9 103.3	29.4 29.4 28.6 26.9 23.7 21.1												
26.5 28.0 30.0 32.0	68.0 66.0 63.9	101.8 100.9 100.0	19.2 17.6 16.3	73.0 71.5 69.6 67.6	103.3 102.8 102.1 101.3	26.8 26.6 26.1 25.6									
34.0 36.0 38.0 40.0 40.2	61.9 59.8 57.6 55.4	98.9 97.8 96.5 95.2	15.2 14.2 13.2 12.3	65.6 63.6 61.5 59.4	100.4 99.4 98.3 97.2	23.9 22.1 20.8 19.2	65.0	98.9	19.8						
42.0 44.0 46.0 48.0 50.0	53.1 50.8 48.4 45.8 43.2	93.7 92.1 90.4 88.5 86.4	11.6 10.9 10.3 9.7 9.2	57.2 55.0 52.7 50.3 47.9	95.9 94.6 93.1 91.4 89.7	17.5 16.1 14.9 13.9 13.0	63.2 61.2 59.0 56.8 54.6	98.0 96.9 95.8 94.5 93.1	20.1 19.0 18.1 17.3 16.4						
55.0 56.3 60.0 64.0 65.0	35.9 27.0 17.0	80.3 71.9 61.7	7.0 6.3	41.3	84.5 77.9 68.6	10.9 9.4 8.1	48.7	89.1 84.1 77.7	14.7	55.0 50.9 44.6	90.7 88.0 83.3	12.4 12.4 11.3			
68.0 70.0 74.0 75.0				15.7	60.0	7.4	25.5 15.7	68.9 58.9	10.9 9.3	37.6 28.6	77.5 69.3	10.0			
80.0 83.1 85.0 90.0 92.0										18.2	58.9	7.6	35.0 32.8 22.8 17.3	66.7 64.6 54.9 49.3	3.7 3.5 2.7 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 orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0	m Pluma Cab	eza de p	al, Punto olumín (2 n] Posici	316-1) 6	5.5 m Pl		lumín				
18.2 20.0 22.0 24.0 26.0	78.0 76.4 74.6 72.8 70.9	108.0 107.6 107.0 106.4 105.8	26.5 26.2 24.9 23.1 20.7												
27.4 28.0 30.0 32.0 34.0	69.0 67.1 65.2 63.3	105.0 104.2 103.3 102.3	18.9 17.4 16.0 14.8	73.0 72.4 70.6 68.7 66.8	106.2 106.0 105.3 104.5 103.7	24.1 24.0 23.7 23.2 22.5									
36.0 38.0 40.0 41.5	61.3 59.3 57.2	101.2 100.1 98.8	13.9 13.0 12.1	64.9 62.9 60.9	102.8 101.7 100.7	21.3 20.3 19.5	65.0	101.6	19.0						
42.0 44.0 46.0 48.0 50.0	55.1 52.9 50.7 48.3 45.9	97.4 96.0 94.4 92.6 90.7	11.3 10.6 10.0 9.5 8.9	58.9 56.8 54.7 52.5 50.2	99.5 98.2 96.8 95.3 93.7	17.8 16.3 15.0 13.9 13.0	64.6 62.6 60.6 58.6 56.5	101.4 100.4 99.2 98.1 96.8	19.0 18.7 17.7 16.9 16.1						
55.0 58.0 60.0 65.0 67.0 70.0	39.4 31.8 22.0 16.5	78.1 68.1 62.2	7.7 6.7 5.9 5.5	37.5 29.4 18.4	89.0 83.1 75.4 63.8	9.3 8.1 6.9	51.0 45.1 38.5 30.6	93.0 88.5 82.8 75.4	13.0 11.8	55.0 53.0 47.3	93.2 91.8 87.6	11.6 12.1 10.9			
71.0 75.0 77.0 80.0 83.0				15.3	60.4	6.6	20.3 15.4	64.6 59.3	9.5 8.4	33.2 25.1 17.8	75.2 67.1 59.3	8.3 7.3 6.6			
85.6 90.0 92.0											33.3	0.0	35.0 28.5 24.5	68.4 62.0 57.9	2.9 2.4 2.1



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 6	8.5 m Pl		lumín		-		
18.8 20.0 22.0 24.0 26.0 28.2 30.0 32.0 34.0 36.0 38.0 40.0 42.8 44.0 46.0	78.0 77.0 75.3 73.5 71.8 70.0 68.2 66.4 64.5 62.7 60.8 58.8 56.8	110.9 110.7 110.2 109.6 108.9 108.2 107.5 106.6 105.7 104.7 103.6 102.4 101.1	24.1 24.1 23.2 22.4 20.3 18.6 17.2 15.8 14.7 13.7 12.8 11.9 11.1	73.0 71.4 69.7 67.9 66.0 64.2 62.3 60.4 58.4 56.4	109.0 108.5 107.7 106.9 106.1 105.1 104.1 103.0 101.8 100.5	21.9 21.7 21.3 20.8 20.2 19.5 19.0 18.2	65.0 63.9 62.0	104.3 103.7 102.7	18.1 18.1 17.5						
48.0 50.0 55.0 59.8 60.0 65.0	50.6 48.3 42.4 35.7 27.6	96.6 94.9 89.8 83.6 75.3	9.3 8.7 7.5 6.5 5.7	54.4 52.3 46.8 40.7 33.7	99.1 97.6 93.2 87.9 81.2	14.1 13.1 11.0 9.3 8.0	60.1 58.1 53.0 47.6 41.5	101.6 100.3 96.9 92.6 87.5	16.6 16.0 14.2 12.9 11.6	55.0 54.9 49.5	95.6 95.5 91.6	11.0 11.5 10.7			
70.0 74.0 75.0 79.0 80.0 85.0 86.0	16.2	62.6	5.0	25.0 16.0	72.1 62.1	6.9 5.4	34.7 26.3 17.1	72.3 62.1	9.5 8.6	37.2 30.1 20.1 17.4	86.8 80.8 73.7 62.8 59.8	9.4 8.2 7.1 6.1 5.9	35.0	70.1	2.4
90.0 91.0													35.0 32.8 31.2	67.9 66.3	2.4 2.2 2.1



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

	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]
				41.0 ו		eza de p	lumín (2	316-1) 7	1.5 m Pli	eza de p umín	lumín				
						37.0 [m	ı] Posici	ón midfa	II (2316)						
19.5	78.0	113.9	21.9												
20.0	77.6	113.8	21.9												
22.0	75.9	113.3	21.5												
24.0	74.2	112.7	20.6												
26.0	72.6	112.1	19.3												
28.0	70.9	111.4	17.8												
29.1				73.0	111.9	20.1									
30.0	69.2	110.7	16.6	72.2	111.6	20.0									
32.0	67.4	109.9	15.3	70.6	110.9	19.8									
34.0	65.7	109.0	14.1	68.8	110.2	19.4									
36.0	63.9	108.0	13.1	67.1	109.3	19.0									
38.0 40.0	62.1 60.3	107.0 105.9	12.3 11.5	65.3 63.6	108.4 107.5	18.5 18.0									
40.0	58.4	105.9	10.7	61.8	107.5	17.6									
44.0	56.5	104.7	10.7	59.9	105.4	16.7	65.0	107.0	16.6						
46.0	54.5	102.0	9.3	58.0	103.3	15.3	63.3	107.0	16.9						
48.0	52.5	100.5	8.8	56.1	104.1	14.0	61.5	105.0	16.1						
50.0	50.5	98.8	8.3	54.1	102.7	12.9	59.6	103.0	15.3						
55.0	45.0	94.2	7.1	49.0	97.3	10.7	54.8	100.6	13.7						
60.0	39.0	88.6	6.1	43.4	92.4	9.1	49.7	96.7	12.3						
61.5					-					55.0	98.1	10.3			
65.0	32.0	81.4	5.4	37.1	86.4	7.7	44.2	91.9	11.1	51.6	95.5	10.3			
70.0	23.2	71.7	4.7	29.8	78.7	6.6	38.1	86.1	10.1	46.2	91.1	9.1			
73.0	15.8	63.0	4.2												
75.0				20.1	67.8	5.6	30.9	78.7	9.2	40.1	85.4	7.8			
77.0				15.7	62.5	4.8									
80.0							21.7	68.4	8.1	34.1	79.4	6.7			
82.0							16.7	62.5	7.6						
85.0										25.9	70.6	5.7			
89.0										17.0	60.2	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			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	4.5 m Pl	eza de p umín	lumín		-		
20.1	78.0	116.8	20.6												
22.0	76.5	116.4	20.4												
24.0	74.9	115.8	19.7												
26.0	73.3	115.2	18.9												
28.0	71.7	114.6	17.4												
30.0	70.0	113.9	16.2	73.0	114.8	19.0									
32.0	68.4	113.1	15.2	71.4	114.1	18.9									
34.0	66.7	112.3	14.0	69.7	113.4	18.6									
36.0	65.0	111.4	12.9	68.1	112.6	18.2									
38.0	63.3	110.4	12.0	66.4	111.7	17.9									
40.0	61.6	109.3	11.3	64.7	110.8	17.5									
42.0	59.8	108.2	10.6	63.0	109.8	17.1									
44.0	58.0	106.9	9.8	61.2	108.7	16.8									
45.3							65.0	109.7	16.1						
46.0	56.2	105.6	9.2	59.5	107.6	15.7	64.4	109.4	16.1						
48.0	54.3	104.2	8.6	57.7	106.3	14.3	62.7	108.4	15.8						
50.0	52.3	102.7	8.1	55.8	105.0	13.1	61.0	107.3	15.1						
55.0	47.3	98.4	7.0	51.0	101.2	10.7	56.4	104.2	13.5						
60.0	41.8	93.3	6.0	45.8	96.7	9.1	51.7	100.6	12.1						
63.2										55.0	100.5	9.7			
65.0	35.5	86.9	5.2	40.1	91.3	7.6	46.5	96.2	10.9	53.4	99.3	9.9			
70.0	28.2	78.7	4.5	33.6	84.5	6.5	40.9	90.9	9.9	48.4	95.2	8.8			
75.0	18.2	66.8	3.9	25.8	75.6	5.6	34.6	84.3	9.0	43.4	90.6	7.5			
76.0	15.5	63.4	3.7												
80.0				15.3	62.9	4.2	27.0	75.8	8.0	37.4	84.6	6.5			
85.0							16.4	62.9	7.0	30.4	77.1	5.5			
90.0										21.5	66.6	4.6			
92.0										16.7	60.6	4.3			



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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]
				41.0 ו		eza de p	lumín (2	316-1) 7	7.5 m Pli	eza de p umín	lumín				
						43.0 [m] Posici	on midta	II (2316)						
20.7	78.0	119.7	18.9												
22.0 24.0	77.0 75.5	119.4 118.9	18.9 18.2												
24.0 26.0	75.5	118.9	17.7												
28.0	72.4	117.8	16.6												
30.0	70.8	117.1	15.5												
30.9	70.0	''''	10.0	73.0	117.6	17.4									
32.0	69.3	116.3	14.7	72.1	117.3	17.3									
34.0	67.7	115.5	13.7	70.6	116.6	17.1									
36.0	66.1	114.7	12.6	69.0	115.8	16.8									
38.0	64.4	113.7	11.7	67.4	115.0	16.5									
40.0	62.8	112.7	10.9	65.8	114.1	16.1									
42.0	61.1	111.6	10.3	64.1	113.2	15.7									
44.0	59.4	110.5	9.6	62.5	112.2	15.4									
46.0	57.6	109.2	8.9	60.8	111.1	15.2									
46.6							65.0	112.5	15.1						
48.0	55.9	107.9	8.3	59.1	109.9	13.9	63.9	111.8	15.1						
50.0 55.0	54.0 49.3	106.5 102.5	7.8 6.7	57.3 52.8	108.6 105.1	12.8 10.6	62.2 57.9	110.8 107.8	14.7 13.2						
60.0	49.3	97.7	5.7	52.6 47.9	105.1	8.9	57.9	107.8	11.7						
64.9	44.2	91.1	3.7	47.9	100.9	0.9	33.4	104.4	11.7	55.0	103.0	9.0			
65.0	38.6	91.9	4.9	42.7	95.8	7.5	48.6	100.2	10.6	55.0	103.0	9.3			
70.0	32.1	84.8	4.2	36.9	89.8	6.3	43.5	95.4	9.6	50.2	99.0	8.4			
75.0	24.1	75.3	3.6	30.1	82.1	5.4	37.7	89.4	8.7	45.7	94.9	7.2			
79.0	15.2	63.8	3.1												
80.0				21.5	71.5	4.5	31.1	82.0	7.9	40.2	89.4	6.1			
83.0				15.0	63.2	3.6									
85.0							22.8	72.0	6.9	34.0	82.7	5.1			
88.0							16.0	63.3	6.2						
90.0										26.6	74.1	4.3			
95.0										16.3	61.1	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]
				41.0 r		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	0.5 m Plı	eza de p umín	lumín				
21.3	78.0	122.7	17.5												
22.0	77.5	122.5	17.5												
24.0	76.0	122.0	17.0												
26.0	74.6	121.5	16.4												
28.0	73.1	120.9	15.8												
30.0	71.6	120.3	14.9												
31.7	70.4	440.5	440	73.0	120.5	16.0									
32.0 34.0	70.1 68.6	119.5 118.8	14.2 13.5	72.8 71.3	120.4 119.8	16.0 15.9									
34.0 36.0	67.0	117.9	12.4	69.8	119.6	15.9									
38.0	65.5	117.9	11.5	68.3	118.3	15.3									
40.0	63.9	116.1	10.7	66.7	117.4	15.0									
42.0	62.3	115.1	10.0	65.2	116.5	14.6									
44.0	60.6	113.9	9.4	63.6	115.5	14.3									
46.0	59.0	112.8	8.7	62.0	114.5	14.1									
47.8							65.0	115.2	13.9						
48.0	57.3	111.5	8.1	60.3	113.4	13.6	64.9	115.1	14.4						
50.0	55.6	110.2	7.6	58.7	112.2	12.6	63.3	114.1	14.4						
55.0	51.1	106.4	6.5	54.4	108.8	10.4	59.2	111.4	12.9						
60.0	46.4	101.9	5.5	49.9	104.9	8.9	55.0	108.1	11.5						
65.0	41.2	96.6	4.7	45.0	100.2	7.4	50.5	104.2	10.3						
66.6										55.0	105.4	8.5			
70.0	35.4	90.2	4.0	39.7	94.6	6.2	45.7	99.7	9.4	52.0	102.9	8.3			
75.0	28.6	82.1	3.4	33.6	87.8	5.2	40.4	94.2	8.5	47.8	99.0	7.0			
80.0	19.8	70.8	2.9	26.4	79.0	4.4	34.5	87.6	7.8	42.7	94.0	6.0			
82.0	15.8	65.4	2.4	16.5	66.4	3.6	27.5	70.0	6.0	27.4	87.9	F.0			
85.0 90.0				16.5	66.1	3.0	27.5 18.2	79.2 67.1	6.8 5.8	37.1 30.7	87.9 80.4	5.0 4.2			
90.0							15.7	63.7	5.8	30.7	00.4	4.2			
95.0							13.7	03.1	3.0	22.6	70.2	3.4			
98.0										16.0	61.5	2.9			



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

		gulo de 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]
				41.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	3.5 m Pli	eza de p umín	lumín				
22.0	78.0	125.6	16.0												
24.0	76.6	125.1	15.8												
26.0	75.1	124.6	15.4												
28.0	73.7	124.0	15.1												
30.0	72.3	123.4	14.3												
32.0	70.8	122.7	13.6												
32.6				73.0	123.4	14.8									
34.0	69.4	122.0	13.0	72.0	122.9	14.8									
36.0	67.9	121.2	12.2	70.5	122.2	14.6									
38.0	66.4	120.3	11.2	69.1	121.5	14.3									
40.0	64.9 63.3	119.4 118.4	10.4 9.7	67.6 66.1	120.7 119.8	14.0 13.7									
42.0 44.0	61.8	118.4	9.7	64.6	119.8	13.7									
46.0	60.2	116.3	8.5	63.1	117.9	13.4									
48.0	58.6	115.1	7.9	61.5	116.8	13.0									
49.1	00.0	110.1	7.0	01.0	110.0	10.0	65.0	117.9	13.3						
50.0	57.0	113.8	7.3	59.9	115.7	12.4	64.4	117.5	13.3						
55.0	52.8	110.2	6.2	55.9	112.5	10.2	60.5	114.8	12.5						
60.0	48.3	106.0	5.3	51.6	108.8	8.6	56.4	111.7	11.2						
65.0	43.5	101.1	4.4	47.0	104.4	7.3	52.2	108.1	10.0						
68.4										55.0	107.9	7.9			
70.0	38.2	95.3	3.7	42.1	99.3	6.0	47.7	103.8	9.1	53.6	106.7	7.9			
75.0	32.2	88.1	3.1	36.6	93.1	5.0	42.8	98.8	8.2	49.6	103.1	6.7			
80.0	24.9	78.8	2.6	30.4	85.4	4.2	37.4	92.8	7.5	44.9	98.4	5.6			
85.0				22.6	75.2	3.5	31.3	85.4	6.6	39.8	92.8	4.7			
88.0				16.2	66.5	3.0									
90.0							23.8	75.6	5.6	34.0	86.1	3.8			
94.0							15.4	64.1	4.9						
95.0										27.2	77.5	3.0			
100.0										18.1	65.3	2.3			
101.0										15.7	61.9	2.2			



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	ıl, Punto lumín (2: ı l Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
22.6	78.0	128.5	14.8						(= 0 . 0)						
24.0	77.0	128.2	14.8												
26.0	75.7	127.7	14.5												
28.0	74.3	127.2	14.2												
30.0	72.9	126.6	13.7												
32.0	71.5	125.9	13.0												
33.5				73.0	126.2	13.9									
34.0	70.1	125.2	12.5	72.6	126.1	13.9									
36.0	68.7	124.4	12.1	71.3	125.4	13.8						İ			
38.0	67.3	123.6	11.1	69.8	124.7	13.5									
40.0	65.8	122.7	10.2	68.4	123.9	13.2									
42.0	64.3	121.8	9.5	67.0	123.1	13.0									
44.0	62.9	120.8	8.8	65.5	122.2	12.7									
46.0	61.4	119.7	8.3	64.1	121.2	12.5									
48.0	59.8	118.6	7.7	62.6	120.2	12.3									
50.0	58.3	117.3	7.2	61.1	119.1	12.1									
50.4							65.0	120.6	12.4						
55.0	54.3	114.0	6.0	57.2	116.1	10.2	61.6	118.3	12.3						
60.0	50.1	110.0	5.1	53.1	112.6	8.5	57.7	115.3	11.1						
65.0	45.6	105.4	4.3	48.9	108.5	7.2	53.7	111.9	9.8						
70.0	40.7	100.0	3.5	44.3	103.7	6.0	49.5	107.8	8.9						
70.1										55.0	110.4	7.5			
75.0	35.3	93.5	2.9	39.3	98.0	4.9	44.9	103.1	8.1	51.3	107.0	6.4			
80.0	29.0	85.5	2.4	33.6	91.1	4.1	40.0	97.6	7.3	46.9	102.6	5.4			
85.0				27.0	82.5	3.4	34.2	90.6	6.3	42.1	97.4	4.4			
90.0				18.2	70.2	2.7	28.0	82.6	5.4	36.9	91.3	3.6			
91.0				15.9	66.9	2.5									
95.0							19.1	70.2	4.5	30.9	83.7	2.8			
97.0							15.1	64.5	4.2						
100.0										23.5	73.8	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 orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2: n] Posici	316-1) 8	9.5 m Plı		lumín		-		
23.3	78.0	131.5	13.0												
24.0	77.5	131.3	13.0												
26.0	76.2	130.8	12.8							•					
28.0	74.9	130.3	12.5												
30.0	73.5	129.7	12.3												
32.0	72.2	129.1	11.8												
34.0	70.8	128.4	11.4												
34.4				73.0	129.1	12.1									
36.0	69.4	127.7	11.0	71.9	128.6	12.1									
38.0	68.0	126.9	10.4	70.5	127.9	11.9									
40.0	66.7	126.0	9.6	69.2	127.1	11.6									
42.0	65.2	125.1	8.9	67.8	126.3	11.4									
44.0	63.8	124.1	8.2	66.4	125.5	11.1									
46.0	62.4	123.1	7.7	65.0	124.5	10.9									
48.0	60.9	122.0	7.2	63.5	123.6	10.7									
50.0	59.4	120.8	6.7	62.1	122.5	10.5									
51.6		447.0		50.4	440.0	0.0	65.0	123.3	10.7						
55.0	55.6	117.6	5.5	58.4	119.6	9.3	62.6	121.6	10.7						
60.0	51.5	113.8	4.6	54.5	116.2 112.3	7.9	58.9	118.8 115.5	10.0 9.1						
65.0	47.3	109.4	3.8	50.4		6.9	55.0		8.3	-					
70.0	42.7	104.4	3.1	46.1	107.8	5.7	51.0	111.6	8.3		4400	0.0			
71.8	07.7	00.0	2.5	44.4	400.4	4.0	40.7	407.0	7.0	55.0	112.8 110.8	6.8			
75.0 80.0	37.7	98.3	2.5	41.4 36.2	102.4 96.1	4.6 3.7	46.7 42.0	107.2 102.0	7.6 6.8	52.8 48.7	110.8	6.1 5.0			
80.0 85.0				30.2	96.1 88.3	3.7	42.0 36.9	95.8	6.0	48.7 44.2	106.7	5.0 4.1			
90.0				23.0	78.1	2.4	31.9	95.8 89.2	5.1	39.4	96.2	3.2			
90.0 95.0				23.0	/0.1	2.4	25.1	79.9	4.2	39.4 34.0	96.2 89.4	2.4			
95.0							20.1	18.8	4.2	30.3	84.5	2.4			
100.0							15.7	66.1	3.4	50.5	04.5	2.0			



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án	gulo de orincipa	pluma
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı l Posici	316-1) 9:	2.5 m Pl	eza de p umín	lumín				
23.9	78.0	134.4	11.9	I											
24.0	77.9	134.4	11.9	i						i					
26.0	76.6	133.9	11.9	i						i					
28.0	75.4	133.4	11.6	İ				İ	İ	İ		İ	İ		
30.0	74.1	132.8	11.4												
32.0	72.8	132.2	11.1												
34.0	71.5	131.6	10.7												
35.3				73.0	132.0	11.1									
36.0	70.1	130.9	10.5	72.5	131.8	11.1									
38.0	68.8	130.1	10.3	71.2	131.1	11.0									
40.0	67.5	129.3	9.4	69.9	130.4	10.8									
42.0	66.1	128.4	8.7	68.5	129.6	10.5									
44.0	64.7	127.5	8.0	67.2	128.7	10.3									
46.0	63.3	126.5	7.5	65.8	127.9	10.0									
48.0	61.9	125.4	7.0	64.5	126.9	9.8									
50.0	60.5	124.3	6.5	63.1	125.9	9.6									
52.9	500	404.0		50.5	400.4	0.0	65.0	126.1	9.7						
55.0	56.8 53.0	121.2 117.6	5.4 4.4	59.5 55.8	123.1 119.9	8.8 7.6	63.5	125.0 122.3	9.7 9.3						
60.0 65.0	49.0	117.6	3.7	55.8 51.9	119.9	6.7	60.0 56.3	119.1	9.3 8.7						
70.0	49.0	108.7	3.0	47.8	111.9	5.7	52.5	115.5	8.0						
70.0	44.7	106.7	3.0	47.0	111.9	5.7	52.5	115.5	0.0	55.0	115.3	6.1			
75.5 75.0	40.1	103.2	2.4	43.5	106.9	4.6	48.4	111.3	7.4	55.0 54.2	114.5	5.9			
80.0	40.1	103.2	2.4	38.7	100.9	3.6	44.1	106.4	6.6	50.3	110.6	4.8			
85.0				33.4	94.1	2.9	39.4	100.4	5.8	46.1	106.1	3.9			
90.0				27.1	85.3	2.3	34.8	94.7	4.9	41.6	100.1	3.0			
95.0				I	00.0	2.0	28.8	86.6	4.0	36.7	94.6	2.2			
96.0				i				00.0		35.6	93.2	2.1			
100.0				Ī			21.4	75.7	3.2						
103.0							15.4	66.5	2.8						



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0		eza de p	II, Punto Ilumín (2: Il Posici	316-1) 9	5.5 m Pli	eza de p umín	lumín				
24.5	78.0	137.4	10.9												
26.0	77.1	137.0	10.9												
28.0	75.8	136.5	10.7												
30.0	74.6	136.0	10.4												
32.0	73.3	135.4	10.2												
34.0	72.1	134.7	10.0												
36.0	70.8	134.1	9.7												
36.1				73.0	134.9	10.1									
38.0	69.5	133.3	9.5	71.8	134.3	10.1									
40.0	68.2	132.5	9.1	70.5	133.6	9.9									
42.0	66.9	131.7	8.4	69.3	132.8	9.7									
44.0	65.6	130.8	7.7	68.0	132.0	9.5									
46.0	64.2	129.8	7.1	66.6	131.1	9.3									
48.0	62.9	128.8	6.6	65.3	130.2	9.0									
50.0	61.5	127.7	6.2	64.0	129.3	8.8	05.0	128.8	8.8						
54.2 55.0	58.0	124.8	5.1	60.6	126.6	8.4	65.0 64.4	128.8	8.8						
60.0	54.4	124.8	4.1	57.0	126.6	7.2	61.0	128.4	8.6						
65.0	50.6	121.4	3.4	53.3	123.5	6.3	57.5	123.6	8.2						
70.0	46.5	117.5	2.7	49.5	115.9	5.5	53.9	119.3	7.6						
75.0	42.2	107.8	2.1	45.4	111.2	4.4	50.0	115.3	7.0						
75.2	72.2	107.0	2.1	40.4	111.2	7.7	30.0	110.0	7.0	55.0	117.7	5.4			
80.0				40.9	105.8	3.5	45.9	110.7	6.4	51.8	114.5	4.4			
85.0				36.0	99.4	2.7	41.5	105.4	5.5	47.8	110.2	3.5			
90.0							37.3	99.9	4.6	43.6	105.3	2.7			
94.0							00			40.0	100.8	2.1			
95.0							32.0	92.6	3.7						
100.0							25.7	83.3	2.9						
105.0				Ī			17.4	70.4	2.2						
106.0							15.2	66.9	2.1						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2: n] Posici	316-1) 9	8.5 m Pl	eza de p umín	lumín		-		
25.1	78.0	140.3	10.1												
26.0	77.5	140.1	10.1												
28.0	76.3	139.6	10.0												
30.0	75.1	139.1	9.7												
32.0	73.9	138.5	9.5												
34.0	72.6	137.9	9.3												
36.0	71.4	137.2	9.1												
37.0				73.0	137.7	9.3									
38.0	70.2	136.5	8.9	72.4	137.4	9.3									
40.0	68.9	135.8	8.8	71.2	136.7	9.2									
42.0	67.6	134.9	8.1	69.9	136.0	9.0									
44.0	66.4	134.1	7.5	68.7	135.2	8.8									
46.0	65.1	133.2	6.9	67.4	134.4	8.7									
48.0	63.8	132.2	6.4	66.1	133.5	8.4									
50.0	62.5	131.1	6.0	64.8	132.6	8.3									
55.0	59.1	128.3	4.9	61.6	130.0	7.9									
55.4							65.0	131.5	8.1						
60.0	55.6	125.0	4.0	58.2	127.1	7.0	62.0	129.2	8.0						
65.0	52.0	121.3	3.2	54.6	123.7	6.1	58.6	126.3	7.7						
70.0	48.2	117.1	2.6	51.0	119.8	5.4	55.1	123.0	7.2						
75.0				47.1	115.4	4.4	51.5	119.2	6.7						
77.0										55.0	120.2	4.7			
80.0				42.9	110.4	3.4	47.6	114.8	6.2	53.1	118.3	4.2			
85.0				38.4	104.4	2.6	43.9	110.4	5.2	49.4	114.2	3.2			
90.0							39.5	104.7	4.3	45.4	109.6	2.4			
92.0										43.8	107.5	2.1			
95.0							34.7	98.1	3.5						
100.0							29.1	89.9	2.7						
104.0							23.9	81.8	2.1						



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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]
				41.0		eża de pl	umín (23	316-1) ĬC	1.5 m P	eza de p lumín	lumín				
						55.0 [m	ı] Posici	ón midfa	II (2316)						
25.8	78.0	143.2	9.3												
26.0	77.9	143.2	9.3												
28.0	76.7	142.7	9.3												
30.0	75.5	142.2	9.0												
32.0	74.3	141.6	8.9												
34.0	73.2	141.0	8.7												
36.0	72.0	140.4	8.5												
37.9				73.0	140.6	8.5							<u> </u>		
38.0	70.8	139.7	8.3	72.9	140.6	8.5									
40.0	69.6	139.0	8.1	71.7	139.9	8.5									
42.0	68.3	138.2	7.8	70.5	139.2	8.4									
44.0	67.1	137.4	7.2	69.3	138.5	8.2									
46.0	65.9	136.5	6.6	68.1	137.7	8.0									
48.0	64.6	135.5	6.1	66.9	136.8	7.9									
50.0	63.4	134.5	5.7	65.6	135.9	7.7									
55.0	60.1	131.8	4.7	62.5	133.4	7.3									
56.7							65.0	134.2	7.4						
60.0	56.8	128.7	3.7	59.2	130.6	6.7	62.9	132.6	7.4						
65.0	53.3	125.1	2.9	55.8	127.4	5.8	59.7	129.8	7.1						
70.0	49.7	121.1	2.3	52.3	123.7	5.1	56.3	126.6	6.7						
75.0				48.6	119.5	4.3	52.8	123.0	6.3						
78.7										55.0	122.7	4.0			
80.0				44.7	114.7	3.3	49.2	118.9	6.0	54.4	122.0	3.8			
85.0				40.5	109.2	2.5	45.7	114.7	5.0	50.8	118.2	2.9			
90.0							41.6	109.4	4.0	47.1	113.8	2.0			
95.0							37.1	103.2	3.2						
100.0							32.1	95.9	2.4						
102.0							29.8	92.5	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 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]
				41.0 ו	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 10	14.5 m P	eza de p lumín	lumín				
26.4	78.0	146.2	8.7												
28.0	77.1	145.8	8.7												
30.0	75.9	145.3	8.5												
32.0	74.8	144.8	8.3												
34.0	73.7	144.2	8.2												
36.0	72.5	143.6	8.0												
38.0	71.3	142.9	7.8												
38.8				73.0	143.5	7.9									
40.0	70.2	142.2	7.6	72.3	143.1	7.9									
42.0	69.0	141.4	7.5	71.1	142.4	7.8									
44.0	67.8	140.6	7.0	70.0	141.7	7.7									
46.0	66.6	139.8	6.4	68.8	140.9	7.5									
48.0 50.0	65.4 64.2	138.8 137.9	5.9 5.5	67.6 66.4	140.1 139.2	7.4 7.2									
55.0	61.1	135.3	5.5 4.6	63.3	136.8	6.8									
58.0	01.1	135.3	4.0	03.3	130.6	0.0	65.0	136.9	6.8						
60.0	57.9	132.3	3.6	60.2	134.1	6.4	63.8	135.9	6.8						
65.0	54.5	128.9	2.7	57.0	134.1	5.6	60.6	133.3	6.6						
70.0	51.1	125.9	2.7	53.6	127.5	4.9	57.4	130.2	6.3						
75.0	31.1	125.0	2.1	50.1	123.5	4.3	54.1	126.8	5.9						
80.0				46.4	119.0	3.3	50.6	122.8	5.6						
80.4				70.7	110.0	0.0	30.0	122.0	0.0	55.0	125.1	3.5			
85.0				42.4	113.8	2.4	47.3	118.8	4.8	52.2	122.0	2.7			
87.0				40.7	111.5	2.1			0	02.2	0	,			
89.0										49.3	118.7	2.1			
90.0							43.4	113.9	3.9						
95.0							39.2	108.1	3.0						
100.0							34.6	101.4	2.3						
101.0							33.6	99.9	2.1						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eża de pl	ıl, Punto umín (23 ı] Posici	316-1) ĬC	7.5 m P	eza de p lumín	lumín				
27.0	78.0	149.1	7.8												
28.0	77.5	148.9	7.8												
30.0	76.4	148.4	7.7												
32.0	75.2	147.9	7.5												
34.0	74.1	147.3	7.3												
36.0	73.0	146.7	7.2												
38.0	71.9	146.1	7.0												
39.6				73.0	146.3	7.0									
40.0	70.8	145.4	6.8	72.8	146.2	7.0									
42.0	69.6 68.5	144.6 143.9	6.7	71.7 70.5	145.6 144.9	7.0 6.9									
44.0 46.0	67.3	143.9	6.4 5.9	70.5 69.4	144.9	6.7									
48.0	66.1	143.0	5.9	68.3	144.1	6.6									
50.0	65.0	141.2	5.0	67.1	143.5	6.4									
55.0	62.0	138.7	4.2	64.1	140.2	6.0									
59.2	02.0	130.7	7.2	04.1	140.2	0.0	65.0	139.7	6.0						
60.0	58.9	135.8	3.3	61.1	137.6	5.8	64.6	139.3	6.0						
65.0	55.7	132.5	2.5	58.0	134.6	5.1	61.5	136.7	5.8				i		
70.0				54.8	131.2	4.5	58.4	133.8	5.6				i		
75.0				51.4	127.4	4.0	55.2	130.5	5.3						
80.0				47.9	123.1	3.1	51.9	126.7	5.0						
82.1										55.0	127.6	2.8			
85.0				44.2	118.2	2.3	48.7	122.9	4.4	53.4	125.8	2.4			
87.0										52.1	124.3	2.0			
90.0							45.1	118.2	3.6						
95.0							41.1	112.8	2.7						
99.0							37.8	107.9	2.1						



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.6	78.0	152.0	7.1												
28.0	77.8	151.9	7.1												
30.0	76.7	151.5	7.0												
32.0	75.7	151.0	6.8												
34.0	74.6	150.4	6.6												
36.0	73.5	149.8	6.5												
38.0	72.4	149.2	6.3												
40.0	71.3	148.5	6.1												
40.5				73.0	149.2	6.3									
42.0	70.2	147.8	6.0	72.2	148.7	6.3									
44.0	69.1	147.1	5.9	71.1	148.1	6.2									
46.0	68.0	146.3	5.5	70.0	147.3	6.1									
48.0	66.8	145.4	5.1	68.9	146.6	5.9									
50.0	65.7	144.5	4.7	67.8	145.8	5.8									
55.0	62.8	142.1	3.9	64.9	143.5	5.4									
60.0	59.8	139.3	3.1	62.0	141.0	5.1									
60.5							65.0	142.4	5.2						
65.0	56.7	136.2	2.3	59.0	138.1	4.6	62.4	140.1	5.2						
70.0				55.9	134.9	4.1	59.4	137.3	4.9						
75.0				52.7	131.2	3.7	56.3	134.1	4.7						
80.0				49.3	127.1	3.1	53.1	130.5	4.5						
83.9										55.0	130.0	2.2			
85.0				45.7	122.5	2.2	49.8	126.5	4.2	54.6	129.5	2.1			
90.0							46.6	122.4	3.3						
95.0							42.9	117.3	2.5						
97.0							41.4	115.1	2.1						



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	88° Ángulo de pluma 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]
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)															
11.3	78.0	75.7	42.3												
12.0	76.8	75.6	42.0												
13.0	75.0	75.3	40.2												
14.0	73.2	75.0	38.7												
16.0	69.4	74.3	35.9												
17.7	05.0	70.4	00.0	73.0	74.6	36.6									
18.0	65.6 61.6	73.4 72.4	32.9	72.4 68.7	74.5 73.8	36.6 34.3									
20.0 22.0	57.5	71.2	30.8 28.3	64.8	73.6	31.8									
24.0	53.1	69.7	26.3	60.8	71.8	30.0									
26.0	48.5	68.0	24.6	56.7	70.5	28.2									
27.6	40.0	00.0	24.0	00.7	70.0	20.2	65.0	71.7	31.3						
28.0	43.5	66.0	22.7	52.3	69.1	26.9	64.2	71.5	31.3						
30.0	38.0	63.6	21.1	47.6	67.3	25.4	60.2	70.4	30.0						
32.0	31.7	60.7	19.8	42.5	65.3	24.0	56.0	69.1	28.7						
34.0	23.9	56.7	18.6	36.9	62.8	22.8	51.6	67.6	27.5						
35.0	18.8	54.0	17.9												
36.0				30.3	59.6	21.2	46.8	65.8	26.1						
38.0				22.1 16.5	55.4	19.4	41.7	63.7	24.7						
39.0 39.1				16.5	52.4	18.5				55.0	66.1	23.9			
40.0							35.9	61.1	23.5	53.3	65.6	23.9			
42.0							29.2	57.8	21.9	48.7	63.9	23.4			
44.0				Ī			20.5	53.3	20.3	43.7	61.9	22.4	i		
45.0							16.6	51.2	15.1				1		
46.0										38.3	59.5	21.3			
48.0										32.0	56.6	20.5			
50.0										24.2	52.7	19.8			
52.0										15.0	47.7	15.1			
58.5													35.0	49.5	13.4
60.0													30.9	47.5	13.7
63.0													17.4	40.5	12.7



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 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]		
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)																	
12.0 78.0 78.7 37.2																	
13.0	76.3	78.4	36.4														
14.0	74.6	78.1	34.9														
16.0	71.2	77.5	32.1														
18.0	67.8	76.7	29.8														
18.6				73.0	77.5	31.8											
20.0	64.2	75.8	27.7	70.6	77.0	30.8											
22.0	60.5	74.7	26.0	67.1	76.2	28.9											
24.0	56.7	73.4	24.3	63.5	75.2	27.0											
26.0	52.7	72.0	22.9	59.8	74.1	25.6											
28.0	48.5	70.3	21.7	56.0	72.8	24.3											
28.8							65.0	74.4	26.0								
30.0	43.9	68.3	20.3	51.9	71.3	23.3	62.9	73.8	27.0								
32.0	39.0	66.0	19.0	47.6	69.6	22.0	59.2	72.7	25.9								
34.0	33.4 26.8	63.1 59.5	18.0 17.0	43.0 38.0	67.5 65.1	20.8	55.3 51.3	71.3 69.8	24.7								
36.0					62.2	19.8			-								
38.0 40.0	17.9	54.5	15.9	32.2 25.3	58.4	18.8 17.6	46.9 42.3	68.0 65.9	22.6 21.4								
40.0				25.5	30.4	17.0	42.3	05.9	21.4	55.0	68.6	22.0	i				
42.0				15.7	52.8	16.3	37.1	63.4	20.4	52.9	67.8	22.6					
44.0				13.7	32.0	10.5	31.2	60.4	19.3	48.7	66.1	21.6					
46.0							24.1	56.4	18.2	44.1	64.1	20.7					
48.0							15.8	51.6	15.0	39.2	61.8	19.8					
50.0							. 5.0	00	. 5.0	33.6	59.0	19.0					
54.0										18.4	50.5	17.6					
61.0											13.0	0	35.0	51.2	12.6		
65.0													23.2	44.7	11.8		
66.0													18.5	42.0	11.6		



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	88° Ángulo de pluma 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]
41.0 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)															
12.6	78.0	81.6	33.4												
13.0	77.4	81.5	33.4												
14.0	75.8	81.3	32.1												
16.0	72.7	80.7	29.7												
18.0	69.6	79.9	27.7												
19.5				73.0	80.3	28.4									
20.0	66.4	79.1	25.7	72.2	80.2	28.3									
22.0	63.0	78.1	24.1	69.0	79.4	26.5									
24.0	59.6	77.0	22.7	65.7	78.6	25.0									
26.0	56.1	75.7	21.5	62.4	77.6	23.7									
28.0	52.4 48.5	74.2	20.5	59.0 55.4	76.4 75.1	22.6									
30.0 30.1	48.5	72.5	19.5	55.4	75.1	21.5	65.0	77.1	24.6						
32.0	44.3	70.5	18.4	51.6	73.5	20.8	61.9	76.1	23.9						
34.0	39.8	68.3	17.5	47.7	71.8	19.6	58.4	75.0	23.9						
36.0	34.8	65.5	16.7	43.5	69.8	18.6	54.8	73.6	22.0						
38.0	29.0	62.2	15.8	38.9	67.4	17.7	51.0	72.0	21.1						
40.0	21.8	57.9	14.9	33.7	64.6	16.9	47.0	70.3	20.1						
41.0	17.2	54.9	14.5										İ		
42.0				27.8	61.1	16.1	42.8	68.2	19.0						
42.6										55.0	71.0	20.5			
44.0				20.2	56.5	15.2	38.1	65.8	18.1	52.5	70.0	21.3			
45.0				15.0	53.1	14.7							<u> </u>		
46.0							32.9	62.9	17.4	48.6	68.3	20.4			
48.0							26.7	59.3	16.5	44.5	66.4	19.6			
50.0							18.7	54.3	15.7	40.0	64.1	18.7			
51.0							15.1	52.0	13.1						
55.0										25.9	56.2	16.9			
57.0										17.6	50.9	16.1			10.0
63.4													35.0	52.9	12.0
65.0													31.3	50.8	11.8
69.0	l												17.7	42.4	10.7



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]
41.0 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)															
13.2 14.0 16.0 18.0 20.0	78.0 76.9 74.0 71.1 68.2	84.5 84.3 83.8 83.1 82.4	29.8 29.6 27.6 25.5 23.9												
20.3 22.0 24.0 26.0 28.0	65.1 62.0 58.8 55.5	81.5 80.5 79.3 78.0	22.2 21.0 19.8 18.8	73.0 70.6 67.6 64.6 61.4	83.2 82.6 81.8 80.9 79.9	25.4 24.6 23.1 21.8 20.9									
30.0 31.4 32.0 34.0 36.0	52.1 48.4 44.6 40.4	76.4 74.7 72.8 70.5	18.0 17.1 16.2 15.4	58.2 54.9 51.4 47.7	78.7 77.3 75.8 74.0	19.8 18.9 18.2 17.3	65.0 64.1 60.9 57.7	79.8 79.5 78.5 77.2	22.0 21.9 21.0 20.2						
38.0 40.0 42.0 44.0 44.3	35.9 30.8 24.7 16.5	67.9 64.8 60.9 55.3	14.7 14.0 13.3 12.5	43.8 39.6 35.0 29.7	72.0 69.7 67.0 63.8	16.4 15.6 14.9 14.2	54.3 50.8 47.1 43.2	75.9 74.3 72.5 70.5	19.3 18.5 17.7 16.7	55.0	73.5	18.0			
46.0 48.0 50.0 53.0 55.0				23.3 16.3	59.6 54.8	13.4 10.8	38.9 34.2 28.8 18.0	68.1 65.3 62.0 54.8	16.0 15.3 14.6 13.5	52.2 48.6 44.7 33.6	72.3 70.6 68.6 62.3	18.8 18.0 17.3			
60.0 65.9 70.0 72.0										16.9	51.4	13.8	35.0 25.0 17.0	54.6 48.3 42.9	11.2 10.2 9.7