

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]
				62.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 6	5.5 m Pl	eza de p umín	lumín				
18.9	78.0	129.0	21.0												
20.0	77.1	128.8	21.0												
22.0	75.2	128.2	19.8												
24.0	73.4	127.7	18.2												
26.0	71.6	127.0	16.4												
28.0	69.7	126.3	15.1												
29.9				73.0	127.0	18.6									
30.0	67.8	125.5	14.0	72.9	127.0	18.6									
32.0	65.9	124.6	13.0	71.1	126.3	18.3									
34.0	64.0	123.7	12.1	69.2	125.6	17.7									
36.0	62.0	122.6	11.4	67.3	124.8	17.1									
38.0	60.0	121.5	10.7	65.4	123.9	16.1									
40.0	58.0 55.9	120.3 118.9	10.0 9.4	63.5 61.5	122.9 121.8	15.3 14.6									
42.0 44.0	53.7	117.5	8.9	59.5	121.6	13.7									
46.0	51.5	116.0	8.4	57.4	119.4	12.7									
46.0	31.5	110.0	0.4	37.4	119.4	12.7	65.0	121.9	12.7						
48.0	49.2	114.3	8.0	55.3	118.1	11.9	64.0	121.4	13.0						
50.0	46.8	112.4	7.5	53.1	116.6	11.1	62.0	120.3	12.7						
55.0	40.4	107.1	6.5	47.4	112.4	9.6	56.9	117.3	11.3						
60.0	33.0	100.3	5.7	41.0	107.1	8.3	51.5	113.7	10.1						
65.0	23.7	90.8	5.1	33.8	100.5	7.2	45.6	109.2	9.2						
66.9										55.0	112.2	7.0			
68.0	15.7	82.2	4.6												
70.0				24.6	91.3	6.4	39.1	103.6	8.3	51.6	109.8	6.4			
73.0				17.1	83.3	5.8									
75.0							31.4	96.4	7.6	46.3	105.8	5.4			
80.0							21.4	86.1	7.0	39.8	100.4	4.5			
82.0							15.7	79.9	6.7						
85.0										32.3	93.4	3.6			
90.0										22.7	83.6	2.9			
92.0										17.4	78.0	2.6			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 i		eza de p	II, Punto Ilumín (2: I Posici	316-1) 6	8.5 m Pli	eza de p umín	lumín				
19.6	78.0	131.9	19.5												
20.0	77.6	131.8	19.5												
22.0	75.9	131.3	19.2												
24.0	74.2	130.8	17.4												
26.0	72.4	130.2	16.0												
28.0	70.7	129.5	14.7												
30.0	68.9	128.7	13.8												
30.8				73.0	129.9	17.5									
32.0	67.1	127.9	12.8	71.9	129.5	17.4									
34.0	65.2	127.0	11.9	70.2	128.8	17.0									
36.0	63.4	126.0	11.1	68.4	128.0	16.4									
38.0	61.5	125.0	10.5	66.5	127.2	15.8									
40.0	59.5	123.8	9.8	64.7	126.2	14.9									
42.0	57.6	122.6	9.2	62.8	125.2	14.2									
44.0	55.5	121.2	8.6	60.9	124.1	13.6									
46.0	53.5	119.8	8.1	59.0	123.0	12.7									
48.0	51.3	118.2	7.7	57.0	121.7	11.8									
48.2							65.0	124.6	12.3						
50.0	49.2	116.5	7.3	55.0	120.3	11.0	63.4	123.7	12.2						
55.0	43.3	111.6	6.3	49.7	116.4	9.5	58.6	120.9	11.0						
60.0	36.8	105.6	5.5	43.9	111.6	8.2	53.5	117.5	9.8						
65.0	28.9	97.7	4.9	37.4	105.7	7.1	48.0	113.3	8.9						
68.6										55.0	114.7	6.5			
70.0	18.3	86.0	4.3	29.7	98.0	6.3	42.1	108.2	8.1	53.6	113.6	6.2			
71.0	15.3	82.6	4.1	40.5	20.0		25.0	101.0	7.1	40.7	100.0	5.0			
75.0				19.5	86.8	5.4	35.3	101.9	7.4	48.7	109.9	5.2			
76.0				16.7	83.7	5.3	07.0	00.5		40.0	405.0	4.0			
80.0							27.2	93.5	6.8	42.8	105.0	4.3			
85.0							15.3	80.3	6.2	36.1	98.8	3.4			
90.0										28.1	90.7	2.7			
95.0										17.0	78.4	2.0			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 ı	m Pluma Cab	eza de p	ıl, Punto llumín (2 ı] Posici	316-1) 7	1.5 m Plı	eza de p umín	lumín				
20.2	78.0	134.9	17.7												
22.0	76.5	134.5	17.7												
24.0	74.9	133.9	16.4												
26.0	73.2	133.3	15.2												
28.0	71.5	132.7	13.9												
30.0	69.8	131.9	12.9												
31.7				73.0	132.7	15.9									
32.0	68.1	131.2	12.0	72.7	132.6	15.9									
34.0	66.3	130.3	11.1	71.0	132.0	15.7									
36.0	64.5	129.3	10.4	69.3	131.2	15.2									
38.0	62.7	128.3	9.8	67.6	130.4	14.7									
40.0	60.9	127.2	9.2	65.8	129.5	14.0									
42.0	59.0	126.0	8.6	64.0	128.6	13.3									
44.0	57.1	124.8	8.1	62.2	127.5	12.7									
46.0	55.1	123.4	7.6	60.4	126.4	12.1									
48.0	53.1	121.9	7.1	58.5	125.2	11.3									
49.5							65.0	127.3	11.3						
50.0	51.1	120.3	6.8	56.5	123.9	10.5	64.5	127.1	11.3						
55.0	45.6	115.8	5.8	51.5	120.2	9.0	59.9	124.4	10.4						
60.0	39.6	110.2	5.0	46.1	115.7	7.7	55.1	121.1	9.3						
65.0	32.7	103.2	4.4	40.2	110.3	6.6	50.0	117.2	8.4						
70.0	24.1	93.7	3.8	33.4	103.4	5.8	44.5	112.5	7.6						
70.4										55.0	117.1	5.7			
74.0	16.0	84.2	3.2												
75.0				25.0	94.2	5.0	38.3	106.7	6.9	50.8	113.9	4.8			
79.0				15.4	83.0	4.4									
80.0							31.2	99.3	6.3	45.3	109.3	3.9			
85.0							22.0	89.0	5.7	39.3	103.7	3.1			
88.0							16.0	81.9	5.1	00.4	00.7	0.0			
90.0										32.4	96.7	2.3			
92.0										29.2	93.3	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]
				62.0 ı						eza de p	lumín				
					Cab		lumín (2 1] Posici			umin					
20.9	78.0	137.8	16.4												
22.0	77.1	137.5	16.4												
24.0	75.5	137.0	15.8												
26.0	73.9	136.5	14.6												
28.0	72.3	135.8	13.4												
30.0	70.6	135.1	12.5												
32.0	69.0	134.4	11.7												
32.6				73.0	135.6	14.9									
34.0	67.3	133.6	10.9	71.8	135.1	14.8									
36.0	65.6	132.7	10.1	70.2	134.4	14.5									
38.0	63.9	131.7	9.4	68.5	133.7	14.0									
40.0	62.2	130.7	8.9	66.8	132.8	13.6									
42.0	60.4	129.5	8.4	65.1	131.9	12.9									
44.0	58.6	128.3	7.8	63.4	130.9	12.3									
46.0	56.7	127.0	7.3	61.7	129.9	11.8									
48.0	54.9	125.6	6.9	59.9	128.7	11.2									
50.0	52.9	124.2	6.5	58.1	127.5	10.4									
50.7							65.0	130.0	10.6						
55.0	47.9	119.9	5.6	53.4	124.0	8.8	61.3	127.8	10.2						
60.0	42.4	114.8	4.8	48.3	119.8	7.6	56.8	124.7	9.1						
65.0	36.2	108.6	4.2	42.9	114.8	6.5	52.0	121.1	8.1						
70.0	28.9	100.6	3.6	36.8	108.7	5.6	46.8	116.7	7.4						
72.1										55.0	119.6	5.0			
75.0	19.3	89.1	3.1	29.6	100.9	4.9	41.2	111.4	6.6	52.6	117.7	4.5			
77.0	15.7	84.6	2.8												
80.0				20.3	89.9	4.2	34.9	104.9	6.0	47.6	113.5	3.6			
82.0				15.1	83.4	3.9				40.4	400.4				
85.0							27.3	96.4	5.5	42.1	108.4	2.8			
90.0							16.7	83.7	5.0	35.9	102.1	2.1			
91.0							15.7	82.4	4.6						



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 ı	m Pluma Cab	eza de p	al, Punto Ilumín (2: n l Posici	316-1) 7	7.5 m Pl	eza de p umín	lumín		_		
21.5	78.0	140.7	15.0				1		(/				I		
22.0	77.6	140.6	15.0									İ	İ		
24.0	76.1	140.1	14.8												
26.0	74.5	139.6	13.9									İ	İ		
28.0	73.0	139.0	13.1												
30.0	71.4	138.3	12.1												
32.0	69.8	137.6	11.3												
33.4				73.0	138.5	13.8									
34.0	68.2	136.8	10.6	72.6	138.3	13.8									
36.0	66.6	136.0	9.8	71.0	137.6	13.6									
38.0	65.0	135.0	9.1	69.4	136.9	13.2									
40.0	63.3	134.1	8.6	67.8	136.1	12.9									
42.0	61.7	133.0	8.1	66.2	135.2	12.4									
44.0	59.9	131.8	7.6	64.5	134.3	11.8									
46.0	58.2	130.6	7.1	62.9	133.3	11.3									
48.0	56.4	129.3	6.6	61.2	132.2	10.9									
50.0	54.6	127.9	6.2	59.5	131.0	10.3									
52.0							65.0	132.7	10.0						
55.0	49.9	123.9	5.4	55.0	127.7	8.6	62.5	131.2	9.9						
60.0	44.8	119.2	4.6	50.3	123.8	7.4	58.2	128.3	8.8						
65.0	39.2	113.6	3.9	45.3	119.2	6.3	53.7	124.9	7.9						
70.0	32.8	106.5	3.4	39.7	113.6	5.4	48.9	120.8	7.2						
73.8										55.0	122.0	4.2			
75.0	25.0	97.3	2.9	33.4	106.7	4.6	43.7	115.9	6.4	54.3	121.5	4.1			
80.0	15.3	85.0	2.3	25.8	97.7	4.0	38.0	110.0	5.8	49.6	117.5	3.2			
85.0				16.6	86.1	3.2	31.4	102.6	5.3	44.5	112.8	2.4			
87.0										42.3	110.6	2.1			
90.0							23.1	92.7	4.7						
94.0							15.4	82.8	4.0						



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

	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 ı			ıl, Punto lumín (2:			eza de p umín	lumín				
] Posici								
22.1	78.0	143.7	13.8												
24.0	76.6	143.2	13.8												
26.0	75.1	142.7	13.2												
28.0	73.6	142.1	12.7												
30.0	72.1	141.5	11.8												
32.0	70.6	140.8	10.9												
34.0	69.1	140.0	10.3												
34.3				73.0	141.4	12.8									
36.0	67.6	139.2	9.6	71.7	140.8	12.7									
38.0	66.0	138.4	8.9	70.2	140.1	12.5									
40.0	64.4 62.8	137.4 136.4	8.3 7.8	68.7 67.1	139.3 138.5	12.1 11.8									
42.0 44.0	61.2	135.4	7.8	65.6	138.5	11.8									
46.0	59.5	134.1	6.9	64.0	136.6	10.9									
48.0	57.8	132.9	6.4	62.4	135.6	10.5									
50.0	56.1	131.6	6.0	60.7	134.5	10.3									
53.3	30.1	151.0	0.0	00.7	104.0	10.2	65.0	135.5	9.5						
55.0	51.7	127.9	5.1	56.5	131.4	8.5	63.6	134.6	9.4				i		
60.0	46.9	123.5	4.4	52.1	127.7	7.2	59.5	131.8	8.5				İ		
65.0	41.8	118.2	3.7	47.4	123.4	6.2	55.3	128.6	7.6						
70.0	36.0	111.9	3.1	42.2	118.2	5.2	50.8	124.7	6.9						
75.0	29.3	104.0	2.7	36.6	112.0	4.4	45.9	120.2	6.2						
75.5										55.0	124.5	3.8			
80.0	20.7	93.0	2.2	30.0	104.3	3.8	40.7	114.8	5.5	51.4	121.4	3.0			
85.0				21.6	93.7	3.2	34.8	108.2	5.0	46.7	117.0	2.2			
86.0										45.7	116.0	2.1			
88.0				16.3	86.5	2.7									
90.0							27.8	99.8	4.6						
95.0							19.9	89.6	3.8						
97.0							15.1	83.1	3.5						



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Color Colo			gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (2316-1) 83.5 m Plumín 37.0 [m] Posición midfall (2316) 22.7	ce	o de plumín	de rolda- nas		o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]
24.0					62.0		eza de p	lumín (2	316-1) 8	3.5 m Pli		lumín				
26.0 75.7 145.8 12.6 28.0 74.3 145.8 12.1 30.0 72.8 144.6 11.5 32.0 71.4 144.0 10.6 34.0 69.9 143.3 9.9 35.2 36.0 68.4 142.5 9.3 72.4 144.0 11.9 38.0 66.9 141.6 8.6 71.0 143.3 11.8 40.0 65.4 140.7 8.0 69.5 142.5 11.5 42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 138.7 7.0 66.5 140.9 10.9 44.0 62.3 138.7 7.0 66.5 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 <	22.7	78.0	146.6	12.8				Ī								
28.0 74.3 145.3 12.1 30.0 72.8 144.6 11.5 32.0 71.4 144.0 10.6 34.0 69.9 143.3 9.9 35.2 73.0 144.2 12.0 36.0 68.4 142.5 9.3 72.4 144.0 11.9 38.0 66.9 141.6 8.6 71.0 143.3 11.8 40.0 65.4 140.7 8.0 69.5 142.5 11.5 42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 138.7 7.0 66.5 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 55.0 53.3<	24.0	77.1	146.3	12.8												
30.0	26.0	75.7	145.8	12.6												
32.0	28.0	74.3	145.3	12.1												
34.0 69.9 143.3 9.9 73.0 144.2 12.0 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.9 144.0 11.8 144.0 11.8 144.0 11.8 144.0	30.0	72.8	144.6	11.5												
35.2 36.0 68.4 142.5 9.3 72.4 144.0 11.9 11.8	32.0	71.4	144.0	10.6												
36.0 68.4 142.5 9.3 72.4 144.0 11.9 38.0 66.9 141.6 8.6 71.0 143.3 11.8 40.0 65.4 140.7 8.0 69.5 142.5 11.5 42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 138.7 7.0 66.5 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 50.0 57.5 135.2 5.7 61.9 137.9 9.7 65.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 <td< td=""><td>34.0</td><td>69.9</td><td>143.3</td><td>9.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	34.0	69.9	143.3	9.9												
38.0 66.9 141.6 8.6 71.0 143.3 11.8 40.0 65.4 140.7 8.0 69.5 142.5 11.5 42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 137.6 6.6 65.0 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 50.0 57.5 135.2 5.7 61.9 137.9 9.7 54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9	35.2				73.0	144.2	12.0									
40.0 65.4 140.7 8.0 69.5 142.5 11.5 42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 138.7 7.0 66.5 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 55.1 136.2 5.7 61.9 137.9 9.7 54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 85.0 90.0 16.9 88.3 2	36.0	68.4	142.5	9.3	72.4	144.0	11.9									
42.0 63.9 139.8 7.5 68.0 141.7 11.2 44.0 62.3 138.7 7.0 66.5 140.9 10.9 46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 10.0 50.0 57.5 135.2 5.7 61.9 137.9 9.7 54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 7.4 7.0 60.8 135.3 8.3 6.0 6.0 6.0 6.0 6.0 6.0 7.4	38.0	66.9	141.6	8.6	71.0	143.3	11.8									
44.0 62.3 138.7 7.0 66.5 140.9 10.9 10.9 10.9 10.9 10.4	40.0															
46.0 60.7 137.6 6.6 65.0 140.0 10.4 48.0 59.1 136.4 6.1 63.4 139.0 10.0 50.0 57.5 135.2 5.7 61.9 137.9 9.7 54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 16.9 88.3 2.4 31.5 106.0 4.2 49.5 122.0 2.	42.0	63.9		7.5	68.0	141.7										
48.0 59.1 136.4 6.1 63.4 139.0 10.0 50.0 57.5 135.2 5.7 61.9 137.9 9.7 54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 126.9 88.3 2.4 31.5 106.0 4.2 49.5 122.0 2.0																
50.0 57.5 135.2 5.7 61.9 137.9 9.7 65.0 138.2 8.9 <																
54.5 55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2 31.5 106.0 4.2	48.0															
55.0 53.3 131.7 4.8 57.9 135.0 8.4 64.6 138.0 8.9 60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2 106.0 4.2		57.5	135.2	5.7	61.9	137.9	9.7									
60.0 48.8 127.5 4.1 53.7 131.5 7.0 60.8 135.3 8.3 65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2																
65.0 44.0 122.7 3.4 49.3 127.4 6.0 56.7 132.2 7.4 70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2 31.5 106.0 4.2																
70.0 38.8 116.9 2.8 44.5 122.7 5.0 52.4 128.6 6.6 75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2							-									
75.0 32.8 109.9 2.4 39.3 117.0 4.2 47.9 124.3 6.0 55.0 126.9 3.0 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 85.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2 2.2 2.2																
77.2 80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 84.0 84.0 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2				-	_			-								
80.0 33.4 110.0 3.6 43.0 119.3 5.3 53.0 125.2 2.6 85.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2		32.8	109.9	2.4	39.3	117.0	4.2	47.9	124.3	6.0						
84.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2																
85.0 26.4 101.2 3.0 37.7 113.3 4.8 90.0 16.9 88.3 2.4 31.5 106.0 4.2 91.0 16.0 86.9 2.2					33.4	110.0	3.6	43.0	119.3	5.3						
90.0 91.0 16.9 86.9 2.2 16.0 86.9 2.2					00.4	101.0	0.0		110.0	4.0	49.5	122.0	2.0			
91.0																
								31.5	106.0	4.2						
	91.0 95.0				16.0	86.9	2.2	25.1	97.6	3.5						
95.0 99.0 17.3 87.1 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 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]
				62.0 ı	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 8	6.5 m Pl	eza de p umín	lumín				
23.4	78.0	149.5	12.0												
24.0	77.6	149.4	12.0												
26.0	76.2	148.9	11.9												
28.0	74.8	148.4	11.5												
30.0	73.4	147.8	11.2												
32.0	72.0	147.2	10.3												
34.0	70.6	146.5	9.5												
36.0	69.2	145.7	9.0	72.0	1471	11.3									
36.1 38.0	67.8	144.9	8.4	73.0 71.6	147.1 146.5	11.3									
40.0	66.3	144.9	7.7	70.2	145.8	10.9									
42.0	64.9	143.1	7.7	68.8	145.0	10.9									
44.0	63.4	143.1	6.7	67.4	144.2	10.6									
46.0	61.9	141.1	6.3	65.9	143.3	10.4				i			i		
48.0	60.3	139.9	5.9	64.4	142.3	9.6									
50.0	58.8	138.7	5.5	63.0	141.3	9.3									
55.0	54.8	135.4	4.6	59.1	138.5	8.3									
55.8							65.0	140.9	8.3	i			i		
60.0	50.6	131.5	3.9	55.1	135.2	6.8	61.9	138.8	8.0						
65.0	46.1	127.0	3.2	51.0	131.4	5.8	58.0	135.8	7.1						
70.0	41.2	121.6	2.6	46.5	126.9	4.9	54.0	132.4	6.3						
75.0	35.8	115.2	2.1	41.7	121.6	4.1	49.7	128.4	5.7						
79.0										55.0	129.4	2.5			
80.0				36.4	115.4	3.4	45.2	123.7	5.1	54.5	129.0	2.3			
82.0										52.9	127.5	2.0			
85.0				30.2	107.6	2.8	40.2	118.2	4.5						
90.0				22.6	97.3	2.3	34.7	111.5	4.0						
95.0							29.1	104.3	3.2						
100.0							21.1	93.4	2.5						
102.0							17.0	87.5	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]
				62.0 ı		eza de p	ıl, Punto ılumín (2: ı] Posici	316-1) 8	9.5 m Pli	eza de p umín	lumín				
24.0	78.0	152.5	10.9												
26.0	76.7	152.0	10.9												
28.0	75.3	151.5	10.7												
30.0	74.0	150.9	10.4												
32.0	72.7	150.3	9.9												
34.0	71.3	149.6	9.1												
36.0	69.9	148.9	8.6												
36.9				73.0	150.0	10.3									
38.0	68.6 67.2	148.1 147.3	8.1	72.3	149.6	10.2				ł					
40.0 42.0	65.8	147.3	7.5 6.9	70.9 69.6	148.9 148.2	10.1 9.8									
44.0	64.3	145.5	6.4	68.2	146.2	9.6									
46.0	62.9	145.5	6.0	66.8	147.4	9.6									
48.0	61.4	143.4	5.6	65.4	145.7	9.4				i					
50.0	59.9	142.2	5.3	63.9	144.7	8.7									
55.0	56.1	139.1	4.3	60.3	142.0	8.1									
57.1	00	100		00.0		0.1	65.0	143.6	7.8	i					
60.0	52.2	135.4	3.6	56.5	138.9	6.7	62.9	142.2	7.8	i					
65.0	47.9	131.1	3.0	52.5	135.2	5.5	59.2	139.3	6.9	İ		İ	İ		
70.0	43.4	126.1	2.4	48.3	131.0	4.7	55.4	136.1	6.1						
75.0				43.8	126.1	3.9	51.3	132.3	5.4						
80.0				38.9	120.3	3.1	47.1	127.9	4.9						
85.0				33.4	113.4	2.6	42.5	122.8	4.3						
90.0							38.0	117.4	3.6						
95.0							32.4	110.2	2.9						
100.0							25.7	101.1	2.2						
101.0							24.2	98.9	2.0						



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

		gulo de principa			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]
				62.0	m Pluma Cab	eza de p	il, Punto lumín (2 n] Posici	316-1) 9	2.5 m Pl	eza de p umín	lumín				
24.6	78.0	155.4	10.0												
26.0	77.1	155.1	10.0												
28.0	75.8	154.6	9.9												
30.0	74.5	154.0	9.7												
32.0	73.2	153.5	9.5												
34.0	71.9	152.8	8.8												
36.0	70.6	152.1	8.2												
37.8				73.0	152.8	9.4									
38.0	69.3	151.4	7.7	72.9	152.8	9.4									
40.0	68.0	150.6	7.2	71.6	152.1	9.3									
42.0	66.6	149.7	6.7	70.3	151.4	9.1									
44.0	65.2	148.8	6.2	68.9	150.6	8.9									
46.0	63.8	147.8	5.7	67.6	149.8	8.7									
48.0	62.4	146.8	5.4	66.2	149.0	8.5									
50.0	61.0	145.7	5.0	64.8	148.0	8.2									
55.0	57.4	142.7	4.1	61.3	145.4	7.7									
58.3							65.0	146.3	7.3						
60.0	53.6	139.2	3.4	57.7	142.4	6.5	63.9	145.5	7.3						
65.0	49.6	135.1	2.8	53.9	139.0	5.4	60.3	142.8	6.7						
70.0	45.4	130.5	2.2	50.0	135.0	4.5	56.7	139.7	5.9						
75.0				45.7	130.4	3.7	52.8	136.1	5.2						
80.0				41.2	125.0	3.0	48.8	132.0	4.7						
85.0				36.2	118.7	2.4	44.5	127.2	4.1						
90.0							40.3	122.2	3.4						
95.0							35.2	115.7	2.7						
99.0							30.6	109.4	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 principa		83° Án	gulo de orincipa	pluma I	75° Án	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]
				62.0 ı		eza de p	ıl, Punto lumín (1 ı l Posici	916-1) 3:	2.5 m Pli		lumín				
12.1 13.0 14.0	78.0 76.3 74.5	96.7 96.5 96.2	35.0 34.7 33.7			•	•								
16.0 18.0	70.8 67.0	95.5 94.7	31.8 29.8												
20.0 20.3 22.0	63.1 59.0	93.8 92.6	27.8	73.0 69.7	95.5 94.8	30.4 29.8									
24.0 26.0	54.7 50.2	91.3 89.7	23.1 21.3	65.9 62.0	94.0 93.0	28.5 27.3									
28.0 30.0 32.0	45.4 40.1 34.1	87.8 85.6 82.8	19.8 18.5 17.4	57.8 53.5 48.9	91.8 90.3 88.7	25.9 24.7 23.5									
33.0 34.0 36.0	27.0 17.2	79.3 74.1	16.5 15.6	44.0 38.5	86.7 84.3	21.9	65.0 63.1 59.0	92.0 91.5 90.3	24.9 24.8 23.5						
38.0 40.0			10.0	32.3 24.7	81.4 77.6	19.5 18.3	54.8 50.3	89.0 87.4	22.3 21.2						
42.0 44.0 46.0				15.7	72.8	13.6	45.4 40.1 34.2	85.5 83.3 80.5	20.3 19.4 18.7						
48.0 50.0 55.0							27.0 17.2	77.0 71.8	18.0 17.3	55.0 50.8 37.9	85.2 83.7 78.4	15.2 15.5 14.1			
60.0 73.4 75.0										18.6	68.7	12.9	35.0 31.5	64.3 62.6	5.4 5.2
78.0													18.5	55.9	4.7



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín				
12.7	78.0	99.7	31.6												
13.0	77.5	99.6	31.6												
14.0	75.8	99.3	31.0												
16.0	72.5	98.7	29.2												
18.0	69.0	98.0	27.7												
20.0	65.5	97.1	25.8												
21.1	04.0	00.4	24.0	73.0	98.3	27.4									
22.0	61.9 58.1	96.1	24.3 22.5	71.5 68.1	98.0 97.3	27.4 26.1									
24.0 26.0	54.2	94.9 93.5	22.5	64.5	97.3 96.3	25.0									
28.0	50.1	93.5	19.6	60.9	95.3	24.1									
30.0	45.6	90.0	18.2	57.1	95.5	22.9									
32.0	40.9	87.8	17.1	53.1	92.6	22.9									
34.0	35.5	85.2	16.1	48.9	90.9	21.0									
34.3							65.0	94.7	23.3						
36.0	29.4	82.0	15.3	44.4	89.0	19.8	61.9	93.8	22.9						
38.0	21.6	77.6	14.5	39.4	86.7	18.8	58.1	92.6	22.0						
39.0	16.4	74.5	14.1												
40.0				33.9	83.9	17.9	54.2	91.2	20.9						
42.0				27.4	80.4	17.0	50.1	89.6	20.0						
44.0				18.9	75.5	16.0	45.7	87.7	19.1						
46.0							40.9	85.6	18.3						
48.0							35.6	82.9	17.6						
49.7										55.0	87.6	14.4			
50.0							29.4	79.7	17.0	54.7	87.5	15.1			
53.0							16.4	72.3	16.0						
55.0										43.8	83.0	13.8			
60.0										30.1	76.2	12.8			
63.0 75.8										17.7	69.1	12.1	35.0	66.0	4.7
80.0													22.5	59.2	4.7
81.0													22.5 17.6	59.2 56.3	4.1



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

		gulo de 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]
				62.0 ı		eza de p	II, Punto Iumín (1 I Posici	916-1) 3	8.5 m Pli	eza de p umín	lumín				
13.3	78.0	102.6	28.7												
14.0	77.0	102.4	28.7												
16.0	73.9	101.9	27.2												
18.0	70.7	101.2	25.5												
20.0	67.5	100.4	24.0												
22.0	64.3	99.5	22.6	73.0	101.2	24.8									
24.0	60.9	98.4	21.4	69.9	100.5	24.1									
26.0	57.4	97.2	20.0	66.6	99.7	23.0									
28.0	53.7	95.8	18.9	63.3	98.7	22.1									
30.0	49.9	94.1	18.0	59.9	97.6	21.4									
32.0	45.8	92.3	16.9	56.4	96.3	20.4									
34.0	41.5	90.1	15.8	52.7	94.8	19.7									
35.5							65.0	97.4	21.2						
36.0	36.7	87.6	15.0	48.8	93.1	18.9	64.3	97.2	21.9						
38.0	31.2	84.5	14.3	44.7	91.2	18.0	60.9	96.1	21.3						
40.0	24.7	80.6	13.6	40.2	89.0	17.2	57.4	94.9	20.5						
42.0	15.7	74.9	12.9	35.2	86.3	16.5	53.8	93.5	19.5						
44.0				29.5	83.0 78.8	15.8	49.9	91.9	18.8						
46.0 47.0				22.6 18.1	78.8 76.0	15.0 14.5	45.9	90.0	17.9						
48.0				10.1	76.0	14.5	41.5	87.8	17.2						
50.0							36.7	85.3	16.6						
51.4							30.7	05.3	0.01	55.0	90.1	13.6			
55.0							20.7	75.9	15.2	48.4	87.3	13.5			
56.0							15.8	72.7	14.8	70.4	01.3	13.3			
60.0							10.0	12.1	17.0	37.2	81.7	12.4			
65.0										21.7	72.5	11.6			
66.0										17.0	69.6	11.4			
78.3											00.0		35.0	67.7	4.3
80.0													31.8	65.9	4.1
84.0													16.9	56.8	3.5



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

		gulo de orincipal		83° Án	gulo de orincipa	pluma I		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]
				62.0 ı		eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín				
14.0 16.0 18.0 20.0 22.0	78.0 75.1 72.2 69.3 66.3	105.5 105.0 104.4 103.7 102.8	25.6 24.5 23.1 21.8 20.5												
22.9 24.0 26.0 28.0 30.0	63.2 60.0 56.8 53.4	101.8 100.7 99.4 98.0	19.4 18.4 17.4 16.6	73.0 71.4 68.4 65.4 62.3	104.1 103.7 102.9 102.0 101.0	21.9 21.7 20.8 19.9 19.2									
32.0 34.0 36.0 36.8	49.8 46.0 42.0	96.4 94.5 92.4	16.0 15.1 14.3	59.1 55.8 52.4	99.9 98.6 97.1	18.5 17.7 17.0	65.0	100.1	19.5						
38.0 40.0 42.0 44.0 45.0 46.0	37.6 32.7 27.0 19.9 15.1	89.9 87.0 83.4 78.6 75.3	13.6 13.0 12.4 11.8 11.5	48.8 44.9 40.8 36.3	95.4 93.5 91.2 88.7	16.4 15.6 14.9 14.3	63.2 60.0 56.8 53.4 49.8	99.5 98.4 97.2 95.7	19.5 18.7 18.1 17.3						
48.0 50.0 53.2 55.0 59.0				25.3 17.4	81.7 76.4	13.1 12.4	46.0 42.0 30.0 15.1	92.2 90.1 83.0 73.1	16.0 15.3 13.9 12.7	55.0 52.0	92.5 91.2	12.9 13.1			
60.0 65.0 69.0 80.7 85.0										42.5 30.6 16.3	86.5 79.5 70.0	12.0 11.1 10.4	35.0 24.5 16.2	69.5 62.8 57.2	3.6 3.1 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 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]
				62.0 ı		eza de p	al, Punto Ilumín (1 n] Posici	916-1) 4	4.5 m Pl	eza de p umín	lumín				
14.6	78.0	108.5	23.2												
16.0	76.1	108.1	22.8												
18.0	73.4	107.5	21.5												
20.0	70.7	106.9	20.2												
22.0	68.0	106.1	19.2												
23.8				73.0	106.9	19.9									
24.0	65.1	105.2	18.1	72.7	106.9	19.9									
26.0	62.2	104.2	17.2	70.0	106.2	19.3									
28.0	59.3	103.0	16.4	67.2	105.3	18.7									
30.0	56.2	101.7	15.7	64.3	104.4	17.9									
32.0	53.0	100.3	15.0	61.4	103.4	17.3									
34.0 36.0	49.7 46.2	98.6 96.8	14.5 13.8	58.4 55.3	102.2 100.8	16.5 15.8									
38.0	40.2	96.6	13.6	52.1	99.3	15.6									
38.1	42.4	94.7	13.1	32.1	99.3	15.2	65.0	102.8	17.8						
40.0	38.4	92.3	12.5	48.7	97.6	14.6	62.3	101.9	17.5						
42.0	34.0	89.4	12.0	45.2	95.7	14.0	59.3	100.7	16.9						
44.0	28.9	86.1	11.5	41.4	93.5	13.4	56.2	99.4	16.3				i		
46.0	22.9	81.8	11.0	37.2	91.0	12.8	53.0	98.0	15.7				i		
48.0	16.2	76.9	7.7	32.6	88.1	12.3	49.7	96.3	15.2						
50.0				27.4	84.5	11.8	46.2	94.5	14.6						
53.0				16.8	76.8	10.9									
54.9										55.0	95.0	12.2			
55.0							36.3	88.6	13.2	55.0	95.0	12.5			
60.0							22.9	79.6	11.8	46.6	90.8	11.7			
62.0							16.3	74.7	9.7						
65.0										36.7	85.0	10.7			
70.0										23.6	76.2	10.0			
72.0										15.7	70.4	9.7			
83.2													35.0	71.2	3.1
85.0													32.1	69.3	2.9
90.0													15.6	57.6	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			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]
				62.0 ı		eza de p	II, Punto Iumín (1 I Posici	916-1) 4	7.5 m Pli	eza de p umín	lumín				
15.2	78.0	111.4	21.1												
16.0	77.0	111.2	21.1												
18.0	74.5	110.7	20.1												
20.0	72.0	110.0	19.1												
22.0	69.4	109.3	18.3												
24.0	66.8	108.5	17.5												
24.6				73.0	109.8	18.3									
26.0	64.1	107.5	16.8	71.3	109.3	18.2									
28.0	61.4	106.5	16.3	68.7	108.6	17.7									
30.0	58.6	105.3	15.5	66.1	107.7	17.3									
32.0	55.7	104.0	14.8	63.4	106.8	16.8									
34.0	52.7	102.5	14.2	60.6	105.7	16.4									
36.0	49.6	100.9	13.7	57.8	104.4	15.8									
38.0	46.3	99.0	13.0	54.9	103.1	15.3									
39.3							65.0	105.6	16.1						
40.0	42.8	96.9	12.3	51.9	101.6	15.0	64.2	105.2	16.7						
42.0	39.1	94.6	11.8	48.7	99.9	14.4	61.4	104.2	16.5						
44.0	35.0	91.9	11.2	45.4	97.9	13.8	58.6	103.0	16.2						
46.0	30.5 25.2	88.7	10.8	41.8 38.0	95.8 93.3	13.3 12.8	55.7 52.7	101.7 100.2	15.7 15.3						
48.0	18.5	84.8 79.6	10.3 9.8	33.8	93.3	12.8	49.6		15.3						
50.0 51.0	15.7	79.6	9.8 7.1	33.0	90.5	12.3	49.0	98.6	14.9						
51.0 55.0	15.7	11.3	7.1	20.2	80.4	10.9	41.0	93.5	13.5						
56.0				16.2	77.3	10.9	41.0	93.5	13.5				i		
56.6				10.2	11.3	10.5				55.0	97.4	11.6			
60.0							30.5	86.4	12.3	49.9	94.9	11.5			
65.0							15.7	75.1	9.8	41.4	89.9	10.5			
70.0							10.7	, , , ,	0.0	31.0	82.9	9.8			
75.0										15.2	70.8	9.1			
85.7													35.0	72.9	2.5
90.0													25.8	66.3	2.1



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

		gulo de 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]
				62.0 ı	m Pluma Cab	eza de p	lumín (1	916-1) 5	0.5 m Pl	eza de p umín	lumín				
						19.0[11] Posici	on midia	11 (1916)						
15.8	78.0	114.3	19.4												
16.0	77.8	114.3	19.4												
18.0	75.5	113.8	18.8												
20.0	73.1	113.2	18.1												
22.0	70.7	112.5	17.3												
24.0	68.3	111.7	16.7	70.0	440.7	47.0									
25.5	05.0	440.0	40.0	73.0	112.7	17.0									
26.0	65.8	110.9	16.3	72.4	112.5	17.0				ł					
28.0 30.0	63.3 60.7	109.9 108.8	15.9 15.5	70.0 67.6	111.8 111.0	16.8 16.5									
32.0	58.0	107.6	14.7	65.1	110.1	16.2									
34.0	55.3	107.6	14.7	62.6	100.1	15.9									
34.0 36.0	52.5	106.2	13.5	59.9	109.1	15.9				ł					
38.0	49.5	104.7	13.0	57.3	106.7	15.7				i					
40.0	46.4	101.2	12.3	54.5	105.3	15.0				i					
40.6	70.7	101.2	12.0	01.0	100.0	10.0	65.0	108.3	15.9						
42.0	43.2	99.2	11.7	51.6	103.8	14.7	63.3	107.6	15.9						
44.0	39.7	96.9	11.1	48.7	102.1	14.3	60.7	106.5	15.7	i					
46.0	35.9	94.2	10.6	45.5	100.2	13.7	58.0	105.3	15.5	i					
48.0	31.8	91.2	10.1	42.2	98.1	13.2	55.3	103.9	15.2						
50.0	27.1	87.5	9.7	38.7	95.7	12.7	52.5	102.5	14.8						
54.0	15.2	77.7	5.8												
55.0				28.2	87.9	11.4	44.8	98.0	13.8	l					
58.3										55.0	99.9	11.0			
59.0				15.7	77.7	10.2									
60.0							36.0	91.9	12.6	52.8	98.7	11.3			
65.0							24.4	83.1	11.6	45.2	94.3	10.4			
68.0							15.2	75.5	9.8						
70.0										36.4	88.4	9.6			
75.0										25.0	79.7	9.0			
78.0										16.2	72.4	7.8	25.0		0.0
88.1 90.0										I			35.0	74.6	2.2
90.0	1					l		l	l			l	32.3	72.6	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 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]
				62.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	3.5 m Plı	eza de p umín	lumín				
16.5	78.0	117.3	17.1												
18.0	76.3	116.9	16.9												
20.0	74.1	116.3	16.1												
22.0	71.8	115.7	15.4												
24.0	69.5	115.0	14.8												
26.0	67.2	114.1	14.4												
26.4				73.0	115.5	15.0									
28.0	64.8	113.2	14.1	71.2	115.0	14.9									
30.0	62.4	112.2	13.8	68.9	114.2	14.6									
32.0	59.9	111.1	13.4	66.5	113.4	14.3									
34.0	57.4	109.8	12.9	64.2	112.4	14.1									
36.0	54.7	108.4	12.4	61.7	111.4	13.9									
38.0	52.0	106.9	12.0	59.2	110.2	13.6									
40.0	49.2	105.2	11.6	56.7	108.9	13.3									
41.9							65.0	111.0	13.9						
42.0	46.3	103.3	11.0	54.0	107.5	13.1	64.8	110.9	13.9						
44.0	43.2	101.2	10.5	51.3	105.9	12.9	62.4	109.9	13.8						
46.0	39.9	98.9	9.9	48.4	104.2	12.5	59.9	108.8	13.7						
48.0	36.3	96.3	9.5	45.4	102.3	12.1	57.4	107.5	13.5						
50.0	32.4	93.3	9.1	42.3	100.1	11.8	54.8	106.1	13.3						
55.0	19.9	82.7	8.2	33.3	93.5	10.9	47.8	102.0	12.8						
56.0	16.3	79.5	8.0												
60.0				21.3	83.4	9.6	39.9	96.6	11.9	55.0	102.4	10.4			
62.0				16.6	79.3	6.9									
65.0							30.3	89.3	11.1	48.1	98.3	9.8			
70.0							16.3	77.2	10.0	40.2	93.0	9.0			
75.0										30.8	85.8	8.4			
80.0										17.2	74.1	7.8			
81.0			1				l			15.7	72.8	7.2			



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

		gulo de orincipal			gulo de orincipa			gulo de 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]
				62.0 ı		eza de p	lumín (1	916-1) 5	6.5 m Pl		lumín		-		
						25.0 [m	ı] Posici	ón midfa	II (1916)	_					
17.1	78.0	120.2	15.5												
18.0	77.1	120.0	15.5												
20.0	75.0	119.5	14.9												
22.0	72.8	118.9	14.3												
24.0	70.7	118.2	13.7												
26.0	68.5	117.4	13.3												
27.3		440.5	40.0	73.0	118.4	13.8									
28.0	66.3	116.5	13.0	72.2 70.1	118.2 117.5	13.8									
30.0 32.0	64.0 61.7	115.6 114.5	12.8 12.6	67.9	117.5	13.6 13.3									
34.0	59.3	113.4	12.0	65.6	115.8	13.1									
36.0	56.9	112.1	11.8	63.4	114.8	12.8				i					
38.0	54.4	110.7	11.5	61.0	113.7	12.7				i					
40.0	51.8	109.1	11.2	58.7	112.5	12.4				i					
42.0	49.2	107.4	10.8	56.2	111.2	12.2									
43.1							65.0	113.7	12.7						
44.0	46.4	105.6	10.3	53.7	109.7	12.0	64.0	113.3	12.7	l					
46.0	43.4	103.5	9.8	51.1	108.2	11.8	61.7	112.2	12.6	İ					
48.0	40.3	101.2	9.3	48.4	106.4	11.6	59.3	111.1	12.5						
50.0	37.0	98.6	8.9	45.6	104.5	11.2	56.9	109.8	12.3						
55.0	27.3	90.4	8.0	37.8	98.7	10.6	50.5	106.0	12.0						
59.0	15.8	79.9	7.4							<u> </u>					
60.0				28.3	90.8	9.6	43.5	101.2	11.4						
61.8										55.0	104.8	9.8			
65.0				16.1	79.7	6.3	35.3	94.9	10.9	50.8	102.3	9.5			
70.0							24.9	86.0	9.9	43.8	97.6	8.8			
73.0							15.9	77.6	9.3						
75.0										35.7	91.4	8.2			
80.0										25.4	82.6	7.6			
84.0										15.2	73.2	6.6			



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

		gulo de orincipal			gulo de orincipa			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]
				62.0 ı	n Pluma Cab	eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 5	9.5 m Plı	eza de p umín	lumín				
17.8	78.0	123.1	14.0												
18.0	77.8	123.1	14.0												
20.0	75.8	122.6	13.7												
22.0	73.7	122.0	13.2												
24.0	71.7	121.4	12.6												
26.0	69.6	120.6	12.2												
28.0	67.5	119.8	11.9												
28.2				73.0	121.3	12.5									
30.0	65.4	118.9	11.7	71.1	120.7	12.4									
32.0	63.3	117.9	11.5	69.1	119.9	12.2									
34.0	61.0	116.8	11.3	67.0	119.1	12.0									
36.0 38.0	58.8 56.5	115.6 114.3	11.0 10.7	64.8 62.6	118.1 117.1	11.7 11.5									
40.0	54.1	114.3	10.7	60.4	117.1	11.3									
42.0	51.6	111.4	10.3	58.2	114.8	11.1									
44.0	49.1	109.7	10.0	55.8	113.5	10.9									
44.4	43.1	103.7	10.0	33.0	110.0	10.5	65.0	116.4	11.5						
46.0	46.5	107.8	9.5	53.4	112.0	10.8	63.3	115.6	11.5						
48.0	43.7	105.7	9.0	51.0	110.4	10.6	61.1	114.5	11.3						
50.0	40.8	103.5	8.6	48.4	108.7	10.4	58.8	113.3	11.2						
55.0	32.5	96.6	7.8	41.4	103.5	9.9	52.9	109.9	10.8						
60.0	21.7	86.5	7.0	33.3	96.8	9.4	46.5	105.5	10.5						
62.0	15.4	80.3	6.7												
63.5										55.0	107.3	9.3			
65.0				22.8	87.1	8.4	39.3	100.0	10.2	53.2	106.1	9.3			
68.0				15.7	80.1	5.5									
70.0							30.7	92.6	9.6	46.8	101.8	8.6			
75.0							18.8	81.4	8.7	39.6	96.4	7.9			
76.0							15.4	78.0	8.5						
80.0										31.1	89.1	7.3			
85.0										21.2	79.9	6.4			
86.0	I									18.3	77.0	6.3			



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

		gulo de 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]
	v			62.0 ı		eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 6	2.5 m Pli	eza de p umín	lumín				
L						31.0[11	i j Fusici	I	11 (1910)						
18.4	78.0	126.1	12.9												
20.0	76.5 74.5	125.7	12.7 12.1												
22.0 24.0	74.5	125.1 124.5	12.1 11.7												
26.0	70.7	124.5	11.7												
28.0	68.7	123.6	11.0												
29.1	00.7	123.1	11.0	73.0	124.1	11.4									
30.0	66.7	122.2	10.8	73.0	123.8	11.4									
32.0	64.6	121.3	10.6	70.1	123.6	11.4									
34.0	62.6	120.3	10.4	68.1	122.3	11.0									
36.0	60.5	119.1	10.2	66.1	121.5	10.8									
38.0	58.3	117.9	10.0	64.1	120.5	10.6									
40.0	56.1	116.6	9.8	62.0	119.5	10.4									
42.0	53.8	115.2	9.6	59.9	118.3	10.2									
44.0	51.5	113.6	9.5	57.7	117.1	10.0									
45.7							65.0	119.2	10.4						
46.0	49.1	111.9	9.2	55.5	115.7	9.9	64.7	119.0	10.4						
48.0	46.5	110.0	8.8	53.2	114.2	9.7	62.6	118.0	10.4						
50.0	43.9	108.0	8.4	50.8	112.6	9.6	60.5	116.9	10.2						
55.0	36.7	102.0	7.5	44.5	108.0	9.3	55.0	113.6	9.9						
60.0	27.9	93.8	6.8	37.4	102.1	8.9	49.1	109.6	9.7						
65.0	17.1	82.9	4.3	28.8	94.2	8.2	42.6	104.6	9.5						
65.2										55.0	109.7	8.8			
70.0				16.6	81.8	7.3	35.1	98.3	9.3	49.3	105.9	8.3			
71.0				15.3	80.5	4.9									
75.0							25.9	89.5	8.5	42.9	101.0	7.7			
79.0							15.0	78.4	7.9						
80.0										35.5	94.7	7.2			
85.0										26.3	86.1	6.3			
89.0										17.9	77.5	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			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]
				62.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 6	5.5 m Plı	eza de p umín	lumín				
19.0	78.0	129.0	11.7												
20.0	77.1	128.8	11.7												
22.0	75.3	128.3	11.2												
24.0	73.4	127.7	10.8												
26.0	71.6	127.0	10.5												
28.0	69.7	126.3	10.2												
29.9				73.0	127.0	10.5									
30.0	67.8	125.5	10.0	72.9	127.0	10.5									
32.0	65.9	124.6	9.7	71.1	126.3	10.4									
34.0	63.9	123.6	9.6	69.2	125.6	10.2									
36.0	62.0	122.6	9.4	67.3	124.7	10.0									
38.0	59.9	121.4	9.2	65.4	123.8	9.8									
40.0	57.9 55.7	120.2 118.9	9.0 8.8	63.4 61.4	122.9 121.8	9.6 9.4									
42.0 44.0	53.6	117.4	8.7	59.4	121.6	9.4									
46.0	51.3	117.4	8.5	57.3	119.3	9.3									
46.0	31.3	115.6	0.0	37.3	119.5	9.1	65.0	121.9	9.5						
48.0	49.0	114.1	8.3	55.1	118.0	8.9	64.0	121.3	9.5						
50.0	46.6	112.3	8.0	53.0	116.5	8.8	62.0	120.3	9.4						
55.0	40.2	106.9	7.2	47.2	112.2	8.4	56.8	117.3	9.1						
60.0	32.6	99.9	6.6	40.8	106.9	8.0	51.3	113.5	8.8						
65.0	23.0	90.2	5.9	33.4	100.1	7.6	45.4	109.0	8.5						
66.9										55.0	112.2	8.1			
68.0	16.7	83.4	4.1												
70.0				24.0	90.7	7.0	38.8	103.3	8.3	51.6	109.8	8.0			
73.0				16.2	82.2	6.6									
75.0							31.0	96.0	7.9	45.7	105.3	7.5			
80.0							20.6	85.3	7.4	39.1	99.7	6.9			
82.0							16.8	81.1	6.1						
85.0										31.3	92.4	6.1			
90.0										22.7	83.6	5.3			
92.0										17.4	78.0	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 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]
				62.0 i		eza de p	II, Punto Ilumín (19 Il Posicio	916-1) 6	8.5 m Pli	eza de p umín	lumín				
19.6	78.0	131.9	10.7												
20.0	77.7	131.8	10.7												
22.0	75.9	131.4	10.5												
24.0	74.2	130.8	10.1												
26.0	72.4	130.2	9.8												
28.0	70.7	129.5	9.5												
30.0	68.9	128.7	9.3												
30.8				73.0	129.9	9.6									
32.0	67.0	127.9	9.1	71.9	129.5	9.6									
34.0	65.2	127.0	8.9	70.2	128.8	9.5									
36.0	63.3	126.0	8.7	68.3	128.0	9.3									
38.0	61.4	124.9	8.6	66.5	127.1	9.1									
40.0	59.4	123.7	8.4	64.7	126.2	8.9									
42.0	57.5	122.5	8.2	62.8	125.2	8.8									
44.0	55.4	121.1	8.0	60.9	124.1	8.6									
46.0	53.3	119.7	7.8	58.9	122.9	8.4									
48.0	51.2	118.1	7.7	56.9	121.6	8.3									
48.2							65.0	124.6	8.7						
50.0	49.0	116.4	7.5	54.9	120.2	8.1	63.3	123.7	8.7						
55.0	43.1	111.4	6.9	49.5	116.3	7.8	58.5	120.8	8.4						
60.0	36.4	105.3	6.3	43.6	111.4	7.3	53.3	117.4	8.1						
65.0	28.5	97.2	5.8	37.1	105.4	7.0	47.9	113.2	7.8						
68.6										55.0	114.7	7.5			
70.0	17.5	85.1	5.2	29.3	97.5	6.6	41.8	108.0	7.5	53.6	113.6	7.5			
71.0	16.4	83.8	3.8	40.7		0.0	05.0	101.0	7.0	40.4	100.5	7.0			
75.0				18.7	86.0	6.2	35.0	101.6	7.2	48.1	109.5	7.2			
76.0				15.8	82.6	6.1	00.0	00.0	0.0	40.4	404.4	0.7			
80.0							26.6	93.0	6.9	42.1	104.4	6.7			
85.0							16.4	81.5	5.8	35.3	98.0	5.9			
90.0										28.1	90.7	5.2			
95.0										17.0	78.4	4.5			



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

		gulo de orincipa			gulo de orincipa			gulo de 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]
				62.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 7	1.5 m Pli	eza de p umín	lumín				
20.2	78.0	134.9	9.7												
22.0	76.5	134.5	9.6												
24.0	74.9	133.9	9.2												
26.0	73.2	133.3	8.9												
28.0	71.5	132.7	8.7												
30.0	69.8	131.9	8.5												
31.7				73.0	132.7	8.7									
32.0	68.1	131.2	8.3	72.7	132.6	8.7									
34.0	66.3	130.3	8.1	71.0	132.0	8.6									
36.0	64.5	129.3	8.0	69.3	131.2	8.5									
38.0	62.7	128.3	7.8	67.6	130.4	8.3									
40.0	60.9	127.2	7.7	65.8	129.5	8.1									
42.0	59.0 57.1	126.0	7.5 7.4	64.0	128.6 127.5	8.0 7.9									
44.0 46.0	55.1	124.8 123.4	7.4	62.2 60.4	127.5	7.9									
48.0	53.1	123.4	7.1	58.5	125.2	7.7									
49.5	33.1	121.9	/.1	36.5	123.2	7.0	65.0	127.3	7.8						
50.0	51.1	120.3	7.0	56.5	123.9	7.5	64.5	127.3	7.8						
55.0	45.6	115.8	6.5	51.5	120.2	7.2	59.9	124.4	7.6						
60.0	39.6	110.2	6.0	46.1	115.7	6.9	55.1	121.1	7.4						
65.0	32.7	103.2	5.5	40.2	110.3	6.6	50.0	117.2	7.2						
70.0	24.1	93.7	5.0	33.4	103.4	6.3	44.5	112.5	6.9						
70.4										55.0	117.1	6.9			
74.0	16.0	84.2	3.6												
75.0				25.0	94.2	5.9	38.3	106.7	6.7	50.3	113.5	6.7			
79.0				15.4	83.0	5.5									
80.0							31.2	99.3	6.5	44.7	108.8	6.4			
85.0							22.0	89.0	6.3	38.6	103.1	5.6			
88.0							16.0	81.9	5.2						
90.0										32.4	96.7	4.9			
95.0										23.8	87.2	4.2			
98.0										16.7	78.8	3.8			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				62.0 ı		eza de p	al, Punto dumín (1 n] Posici	916-1) 7	4.5 m Pli	eza de p umín	lumín				
20.9 22.0 24.0 26.0 28.0 30.0 32.0	78.0 77.1 75.5 73.9 72.3 70.6 69.0	137.8 137.5 137.0 136.5 135.8 135.1	8.9 8.9 8.5 8.2 8.0 7.8 7.7												
32.6 34.0 36.0 38.0 40.0	67.3 65.6 63.9 62.2	133.6 132.7 131.7 130.7	7.5 7.4 7.2 7.1	73.0 71.8 70.2 68.5 66.8	135.6 135.1 134.4 133.7 132.8	8.0 8.0 7.8 7.6 7.5									
42.0 44.0 46.0 48.0 50.0	60.4 58.6 56.7 54.9 52.9	129.5 128.3 127.0 125.6 124.2	7.0 6.8 6.7 6.6 6.5	65.1 63.4 61.7 59.9 58.1	131.9 130.9 129.9 128.7 127.5	7.4 7.2 7.1 7.0 6.9	05.0	400.0							
50.7 55.0 60.0 65.0 70.0	47.9 42.4 36.2 28.9	119.9 114.8 108.6 100.6	6.2 5.7 5.3 4.8	53.4 48.3 42.9 36.8	124.0 119.8 114.8 108.7	6.6 6.4 6.2 6.0	65.0 61.3 56.8 52.0 46.8	130.0 127.8 124.7 121.1 116.7	7.1 7.0 6.8 6.6 6.4						
72.1 75.0 77.0 80.0 82.0	19.3 15.7	89.1 84.6	4.3 3.5	29.6 20.3 15.1	100.9 89.9 83.4	5.7 5.3 5.1	41.2 34.9	111.4 104.9	6.3	55.0 52.2 47.1	119.6 117.4 113.0	6.3 6.2 6.0			
85.0 90.0 91.0 95.0 100.0				-			27.3 16.7 15.7	96.4 83.7 82.4	5.9 5.7 4.7	41.5 35.9 28.6 18.9	107.8 102.1 94.1 82.5	5.6 4.9 4.2 3.5			
101.0										16.3	79.2	3.4			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 7	7.5 m Plı	eza de p umín	lumín				
21.5	78.0	140.7	8.0												
22.0	77.6	140.6	8.0												
24.0	76.1	140.1	7.8												
26.0	74.5	139.6	7.5												
28.0	73.0	139.0	7.3												
30.0	71.4	138.3	7.1												
32.0	69.8	137.6	7.0												
33.4				73.0	138.5	7.2									
34.0	68.2	136.8	6.8	72.6	138.3	7.2									
36.0	66.6	136.0	6.7	71.0	137.6	7.1									
38.0	65.0	135.0	6.5	69.4	136.9	6.9									
40.0	63.3	134.1	6.4	67.8	136.1	6.8									
42.0	61.7	133.0	6.3	66.2	135.2	6.7									
44.0	59.9	131.8	6.2	64.5	134.3	6.5									
46.0	58.2	130.6	6.0	62.9	133.3	6.4									
48.0	56.4	129.3	5.9	61.2	132.2	6.3									
50.0	54.6	127.9	5.8	59.5	131.0	6.2									
52.0							65.0	132.7	6.4						
55.0	49.9	123.9	5.6	55.0	127.7	5.9	62.5	131.2	6.3						
60.0	44.8	119.2	5.2	50.3	123.8	5.7	58.2	128.3	6.1						
65.0	39.2	113.6	4.9	45.3	119.2	5.5	53.7	124.9	5.8						
70.0	32.8	106.5	4.6	39.7	113.6	5.3	48.9	120.8	5.7						
73.8										55.0	122.0	5.5			
75.0	25.0	97.3	4.1	33.4	106.7	5.2	43.7	115.9	5.5	53.9	121.1	5.5			
80.0	15.3	85.0	3.2	25.8	97.7	4.9	38.0	110.0	5.4	49.1	117.1	5.4			
85.0				16.6	86.1	3.7	31.4	102.6	5.3	44.0	112.3	5.2			
90.0							23.1	92.7	5.2	38.9	107.1	4.6			
94.0							15.4	82.8	4.4						
95.0										32.5	100.0	3.9			
100.0										24.7	90.7	3.3			
104.0	l									16.0	79.7	2.8			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				62.0 ı		eza de p	al, Punto llumín (1 n] Posici	916-1) 8	0.5 m Plı	eza de p umín	lumín				
22.1 24.0 26.0 28.0 30.0 32.0 34.0 34.3 36.0 38.0	78.0 76.6 75.1 73.6 72.1 70.6 69.1 67.6 66.0	143.7 143.2 142.7 142.1 141.5 140.8 140.0	7.3 7.2 6.9 6.7 6.5 6.4 6.3	73.0 71.7 70.2	141.4 140.8 140.1	6.5 6.5 6.4									
40.0 42.0 44.0 46.0 48.0 50.0 53.3	64.4 62.8 61.2 59.5 57.8	137.4 136.4 135.3 134.1 132.9	5.8 5.7 5.6 5.5 5.4 5.3	68.7 67.1 65.6 64.0 62.4 60.7	139.3 138.5 137.6 136.6 135.6	6.2 6.1 5.9 5.8 5.7	65.0	135.5	5.7						
55.0 60.0 65.0 70.0 75.0 75.5	51.7 46.9 41.8 36.0 29.3	127.9 123.5 118.2 111.9 104.0	5.0 4.8 4.5 4.3 4.0	56.5 52.1 47.4 42.2 36.6	131.4 127.7 123.4 118.2 112.0	5.3 5.1 4.9 4.7 4.6	63.6 59.5 55.3 50.8 45.9	134.6 131.8 128.6 124.7 120.2	5.7 5.5 5.3 5.1 4.9	55.0	124.5	4.9			
80.0 83.0 85.0 88.0 90.0 95.0	20.7 15.0	93.0 85.4	3.5 2.9	30.0 21.6 16.3	93.7 86.5	4.5 4.3 3.3	40.7 34.8 27.8 18.5	114.8 108.2 99.8 87.8	4.8 4.7 4.7 4.7	46.2 40.9 35.7	121.0 116.5 111.2 105.4	4.9 4.7 4.4 3.7			
97.0 100.0 105.0 107.0							15.1	83.1	4.1	29.0 20.4 15.7	97.4 86.4 80.1	3.1 2.6 2.3			



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

		gulo de 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]
				62.0 ı	m Pluma Cab	eza de p	il, Punto lumín (1: i] Posici	916-1) 8:	3.5 m Plı	eza de p umín	lumín				
22.7	78.0	146.6	6.5												
24.0	77.1	146.3	6.5												
26.0	75.7	145.8	6.3												
28.0	74.3	145.3	6.1												
30.0	72.8	144.6	6.0												
32.0	71.4	144.0	5.8												
34.0	69.9	143.3	5.7												
35.2		440.5	5.0	73.0	144.2	5.9									
36.0	68.4	142.5	5.6	72.4	144.0	5.9									
38.0	66.9	141.6 140.7	5.4	71.0	143.3 142.5	5.8 5.6									
40.0	65.4		5.3	69.5	_										
42.0 44.0	63.9 62.3	139.8 138.7	5.2 5.1	68.0 66.5	141.7 140.9	5.5 5.4									
46.0	60.7	137.6	5.0	65.0	140.9	5.3									
48.0	59.1	136.4	4.9	63.4	139.0	5.2									
50.0	57.5	135.2	4.8	61.9	137.9	5.1									
54.5	07.0	100.2	7.0	01.0	107.0	0.1	65.0	138.2	5.1						
55.0	53.3	131.7	4.6	57.9	135.0	4.8	64.6	138.0	5.1						
60.0	48.8	127.5	4.4	53.7	131.5	4.6	60.8	135.3	4.9						
65.0	44.0	122.7	4.1	49.3	127.4	4.4	56.7	132.2	4.7						
70.0	38.8	116.9	3.9	44.5	122.7	4.3	52.4	128.6	4.6						
75.0	32.8	109.9	3.7	39.3	117.0	4.1	47.9	124.3	4.4						
77.2										55.0	126.9	4.3			
80.0	25.7	100.7	3.3	33.4	110.0	4.0	43.0	119.3	4.3	52.6	124.9	4.3			
85.0	15.8	87.2	2.9	26.4	101.2	3.8	37.7	113.3	4.2	48.1	120.7	4.2			
90.0				16.9	88.3	3.6	31.5	106.0	4.1	43.3	115.7	4.1			
91.0				16.0	86.9	3.0									
95.0							24.0	96.3	4.0	38.5	110.4	3.5			
99.0							15.8	84.9	4.0						
100.0										32.6	103.4	2.9			
105.0										25.4	94.2	2.3			
107.0	l .									21.9	89.5	2.1			



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 i	m Pluma Cab	eza de p	al, Punto dumín (1 n] Posici	916-1) 8	6.5 m Plı	eza de p umín	lumín		-		
23.4 24.0 26.0 28.0 30.0 32.0	78.0 77.6 76.2 74.8 73.4 72.0	149.5 149.4 148.9 148.4 147.8	5.9 5.9 5.8 5.6 5.5												
34.0 36.0 36.1 38.0	70.6 69.2 67.8	146.5 145.7 144.9	5.2 5.1 5.0	73.0 71.6	147.1 146.5	5.3 5.3									
40.0 42.0 44.0 46.0 48.0	66.3 64.9 63.4 61.9 60.3	144.0 143.1 142.1 141.1 139.9	4.9 4.7 4.6 4.6 4.5	70.2 68.8 67.4 65.9 64.4	145.8 145.0 144.2 143.3 142.3	5.2 5.1 5.0 4.8 4.7									
50.0 55.0 55.8 60.0 65.0	58.8 54.8 50.6 46.1	138.7 135.4 131.5 127.0	4.4 4.2 4.0 3.8	63.0 59.1 55.1 51.0	141.3 138.5 135.2 131.4	4.6 4.4 4.2 4.1	65.0 61.9 58.0	140.9 138.8 135.8	4.6 4.5 4.3						
70.0 75.0 79.0 80.0 85.0	41.2 35.8 29.6 21.8	121.6 115.2 107.3 96.7	3.6 3.4 3.1 2.8	46.5 41.7 36.4 30.2	126.9 121.6 115.4 107.6	3.9 3.7 3.5 3.4	54.0 49.7 45.2 40.2	132.4 128.4 123.7 118.2	4.1 4.0 3.8 3.7	55.0 54.1 49.9	129.4 128.6 124.7	3.9 3.9 3.8			
88.0 90.0 94.0 95.0	15.5	87.6	2.6	22.6 15.7	97.3 87.4	3.2 2.7	34.7 28.2	111.5 103.2	3.6	45.4 40.4	120.0 114.5	3.7			
100.0 102.0 105.0 106.0							20.0 15.5	91.8 85.3	3.4	35.6 29.4 28.0	108.8 100.8 98.9	2.7 2.2 2.1			



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

	88° Án I	gulo de principa	pluma I		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				62.0 ı			II, Punto Iumín (1			eza de p	lumín				
					Cab		n] Posici			ullilli					
24.0	78.0	152.5	5.2												
26.0	76.7	152.0	5.2												
28.0	75.3	151.5	5.0												
30.0	74.0	150.9	4.9												
32.0	72.7	150.3	4.7												
34.0	71.3	149.6	4.6												
36.0	69.9	148.9	4.5												
36.9				73.0	150.0	4.6									
38.0	68.6	148.1	4.4	72.3	149.6	4.6									
40.0	67.2	147.3	4.3	70.9	148.9	4.6									
42.0	65.8	146.4	4.1	69.6	148.2	4.4									
44.0	64.3	145.5	4.0	68.2	147.4	4.3									
46.0	62.9	144.5	4.0	66.8	146.6	4.2									
48.0	61.4	143.4	3.9	65.4	145.7	4.1									
50.0	59.9	142.2	3.8	63.9	144.7	4.0									
55.0	56.1	139.1	3.6	60.3	142.0	3.8									
57.1							65.0	143.6	3.9						
60.0	52.2	135.4	3.4	56.5	138.9	3.6	62.9	142.2	3.9						
65.0	47.9	131.1	3.2	52.5	135.2	3.4	59.2	139.3	3.7						
70.0	43.4	126.1	3.0	48.3	131.0	3.3	55.4	136.1	3.5						
75.0	38.5	120.3	2.9	43.8	126.1	3.1	51.3	132.3	3.4						
80.0	32.9	113.2	2.7	38.9	120.3	3.0	47.1	127.9	3.3						
80.7										55.0	131.9	3.3			
85.0	26.3	104.2	2.5	33.4	113.4	2.9	42.5	122.8	3.1	51.5	128.6	3.2			
90.0	17.5	91.5	2.2	26.9	104.6	2.7	37.4	116.7	3.0	47.3	124.2	3.1			
95.0				18.5	92.4	2.6	31.7	109.3	2.9	42.7	119.1	3.0			
97.0				15.4	87.8	2.2									
100.0							24.8	99.8	2.8	38.2	113.8	2.5			
104.0										33.8	108.2	2.0			
105.0							15.2	85.7	2.7						



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

		gulo de 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]
				62.0	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 9:	2.5 m Pl	eza de p umín	lumín				
24.6	78.0	155.4	4.7												
26.0	77.1	155.1	4.7												
28.0	75.8	154.6	4.5												
30.0	74.5	154.0	4.4												
32.0	73.2	153.5	4.2												
34.0	71.9	152.8	4.1												
36.0	70.6	152.1	4.0												
37.8				73.0	152.8	4.1									
38.0	69.3	151.4	3.9	72.9	152.8	4.1									
40.0	68.0	150.6	3.8	71.6	152.1	4.1									
42.0	66.6	149.7	3.6	70.3	151.4	4.0									
44.0	65.2	148.8	3.5	68.9	150.6	3.8									
46.0	63.8	147.8	3.5	67.6	149.8	3.8									
48.0	62.4	146.8	3.4	66.2	149.0	3.6									
50.0	61.0	145.7	3.3	64.8	148.0	3.5									
55.0	57.4	142.7	3.1	61.3	145.4	3.3									
58.3							65.0	146.3	3.4						
60.0	53.6	139.2	2.9	57.7	142.4	3.1	63.9	145.5	3.4						
65.0	49.6	135.1	2.8	53.9	139.0	2.9	60.3	142.8	3.2						
70.0	45.4	130.5	2.6	50.0	135.0	2.8	56.7	139.7 136.1	3.1						
75.0	40.8	125.0	2.5	45.7	130.4	2.7	52.8		2.9						
80.0 82.4	35.7	118.6	2.3	41.2	125.0	2.5	48.8	132.0	2.8	55.0	134.3	2.7			
82.4 85.0				36.2	118.7	2.4	44.5	127.2	2.7	53.0	134.3	2.7			
90.0				30.5	110.7	2.4	39.8	121.5	2.7	49.0	128.3	2.7			
95.0				30.3	110.9	2.3	34.6	114.8	2.5	44.7	123.5	2.5			
100.0							28.6	106.6	2.5	44.7	118.6	2.5			
100.0							20.0	100.0	2.7	38.6	116.0	2.1			



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

		gulo de 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]
				62.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín				
25.2	78.0	158.3	4.3												
26.0	77.5	158.2	4.3												
28.0	76.3	157.7	4.2												
30.0	75.0	157.2	4.1												
32.0	73.8	156.6	4.0												
34.0	72.5	156.0	3.8												
36.0	71.3	155.3	3.7												
38.0	70.0	154.6	3.6												
38.7				73.0	155.7	3.8									
40.0	68.7	153.8	3.5	72.2	155.3	3.8									
42.0	67.4	153.0	3.4	70.9	154.6	3.7									
44.0	66.1	152.1	3.3	69.6	153.9	3.6									
46.0	64.7	151.2	3.2	68.3	153.1	3.5									
48.0	63.4	150.2	3.1	67.0	152.2	3.4									
50.0	62.0	149.1	3.1	65.7	151.3	3.3									
55.0	58.5	146.2	2.8	62.3	148.9	3.1									
59.6							65.0	149.1	3.1						
60.0	54.9	142.9	2.6	58.9	146.0	2.9	64.7	148.9	3.1						
65.0	51.1	139.1	2.4	55.3	142.7	2.7	61.3	146.3	3.0						
70.0				51.5	138.9	2.5	57.8	143.3	2.8						
75.0				47.5	134.6	2.3	54.2	139.9	2.6						
80.0							50.4	135.9	2.5						
84.1										55.0	136.8	2.4			
85.0										54.3	136.1	2.4			
90.0										50.5	132.2	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 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]
				65.0 ı		eza de p	ıl, Punto lumín (2 ı l Posici	316-1) 3	8.5 m Pl	eza de p umín	lumín				
L						10.0 [11	i j Fusici	I	11 (2310)						
13.4 14.0	78.0 77.1	105.6 105.4	38.6 38.6												
16.0	74.1	105.4	35.2												
18.0	70.9	104.9	31.0												
20.0	67.7	103.5	27.7												
22.0	64.4	102.5	24.4												
22.4	04.4	102.0	2-11	73.0	104.2	31.4									
24.0	61.1	101.5	22.0	70.5	103.6	30.5									
26.0	57.6	100.2	20.1	67.2	102.8	28.5									
28.0	53.9	98.8	18.6	64.0	101.9	26.7									
30.0	50.1	97.2	17.4	60.6	100.8	25.3									
32.0	46.1	95.4	16.3	57.1	99.5	23.2									
34.0	41.7	93.2	15.2	53.4	98.1	21.5									
36.0	36.9	90.7	14.4	49.5	96.4	20.1									
36.3							65.0	100.3	20.9						
38.0	31.5	87.7	13.7	45.5	94.6	18.7	62.2	99.4	20.6						
40.0	25.1	83.9	13.0	41.0	92.4	17.5	58.8	98.3	19.5						
42.0	16.3	78.3	12.3	36.2	89.8	16.5	55.2	96.9	18.5						
44.0				30.7	86.7	15.6	51.4	95.4	17.6						
46.0				24.0	82.7	14.7	47.5	93.6	16.9						
48.0				16.5	77.9	9.2	43.2	91.6	16.1						
50.0 52.7							38.6	89.2	15.4	55.0	92.8	11.8			
52.7 55.0							23.9	80.7	14.0	50.9	92.6	12.2			
57.0							16.4	76.0	12.5	30.3	31.1	12.2			
60.0							10.7	70.0	12.0	40.3	86.1	11.0			
65.0										26.4	78.2	10.0			
67.0										18.3	73.2	9.4			



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

		gulo de 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]
				65.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín				
14.1	78.0	108.5	35.5												
16.0	75.2	108.0	33.7												
18.0	72.3	107.4	30.1												
20.0	69.4	106.7	26.9												
22.0	66.4	105.9	23.8												
23.3				73.0	107.0	29.0									
24.0	63.3	104.9	21.3	71.9	106.8	28.9									
26.0	60.2	103.8	19.5	69.0	106.1	27.4									
28.0	56.9	102.5	18.0	66.0	105.2	25.8									
30.0	53.5	101.1	16.8	62.9	104.2	24.3									
32.0	50.0	99.5	15.8	59.7	103.1	22.8									
34.0	46.2	97.6	14.8	56.4	101.8	21.0									
36.0 37.6	42.2	95.5	13.9	53.0	100.3	19.6	65.0	103.0	19.6						
38.0	37.8	93.1	13.1	49.4	98.7	18.4	64.4	103.0	19.6						
40.0	33.0	90.2	12.5	45.7	96.8	17.2	61.3	102.8	18.9						
42.0	27.4	86.6	11.9	41.6	94.7	16.1	58.1	100.6	18.0						
44.0	20.3	81.9	11.3	37.2	92.1	15.2	54.7	99.2	17.1						
45.0	15.7	78.7	11.0	37.2	32.1	15.2	54.7	33.2	17.1				i		
46.0				32.2	89.2	14.4	51.2	97.6	16.3						
48.0				26.5	85.5	13.6	47.5	95.9	15.6						
50.0				19.1	80.6	12.8	43.6	93.9	14.9						
51.0				15.9	78.3	8.3									
54.4										55.0	95.3	11.0			
55.0							32.2	87.3	13.6	54.2	94.9	11.6			
60.0							15.7	76.4	11.4	45.0	90.5	10.6			
65.0				I						34.0	84.3	9.6			
70.0										17.6	73.6	8.3			



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

		gulo de 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]
				65.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 4	4.5 m Pl	eza de p umín	lumín				
14.7	78.0	111.5	33.3												
16.0	76.3	111.1	32.9												
18.0	73.6	110.6	29.8												
20.0	70.9	109.9	26.2												
22.0	68.1	109.1	23.6												
24.0	65.3	108.2	21.1												
24.1				73.0	109.9	27.2									
26.0	62.4 59.4	107.2 106.1	19.2 17.7	70.5 67.7	109.3	26.6 25.2									
28.0	59.4	106.1	16.5	67.7 64.9	108.5 107.6	25.2									
30.0 32.0	53.2	104.8	15.4	62.0	107.6	23.7									
34.0	49.9	103.3	14.6	59.0	105.5	21.0									
36.0	49.9	99.9	13.7	59.0 55.9	105.4	19.4									
38.0	42.6	97.8	12.9	52.7	102.6	18.2									
38.8	72.0	37.0	12.5	52.7	102.0	10.2	65.0	105.7	18.2						
40.0	38.6	95.4	12.2	49.4	100.9	17.1	63.4	105.2	18.6						
42.0	34.2	92.6	11.6	45.8	99.0	16.0	60.4	104.1	17.6						
44.0	29.2	89.3	11.1	42.1	96.9	15.0	57.4	102.8	16.9				i		
46.0	23.2	85.1	10.5	38.0	94.5	14.2	54.3	101.4	16.0				i		
48.0	15.1	79.1	10.0	33.5	91.6	13.4	51.0	99.9	15.4						
50.0				28.4	88.2	12.8	47.6	98.1	14.7						
54.0				15.3	78.7	7.5									
55.0							38.0	92.6	13.3						
56.1										55.0	97.7	10.4			
60.0							25.4	84.2	12.2	48.8	94.7	10.4			
63.0							15.1	76.7	10.4						
65.0										39.4	89.4	9.4			
70.0										27.5	81.6	8.2			
73.0										17.0	74.1	7.5			



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

		gulo de 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]
				65.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	7.5 m Pl	eza de p umín	lumín				
15.3	78.0	114.4	31.0												
16.0	77.1	114.2	31.0												
18.0	74.6	113.7	28.6												
20.0	72.1	113.1	25.5												
22.0	69.6	112.4	22.9												
24.0	66.9	111.5	20.6												
25.0				73.0	112.8	25.6									
26.0	64.3	110.6	18.7	71.7	112.4	25.4									
28.0	61.6	109.5	17.3	69.2	111.7	24.2									
30.0	58.8	108.4	16.1	66.6	110.9	23.1									
32.0	55.9	107.0	15.0	63.9	109.9	21.7									
34.0	52.9 49.8	105.6	14.1	61.2	108.9 107.7	20.7 19.2									
36.0 38.0	49.8	103.9 102.1	13.3 12.5	58.3 55.4	107.7	19.2									
40.0	43.0	100.0	11.8	53.4 52.4	100.3	16.7									
40.0	43.0	100.0	11.0	32.4	104.6	10.7	65.0	108.5	17.6						
42.0	39.3	97.7	11.2	49.3	103.2	15.8	62.5	100.5	17.0						
44.0	35.3	95.0	10.6	46.0	101.3	14.8	59.7	107.5	16.4						
46.0	30.7	91.8	10.1	42.5	99.2	13.9	56.9	105.1	15.7						
48.0	25.5	88.0	9.7	38.7	96.8	13.1	53.9	103.7	14.9						
50.0	18.9	82.9	9.2	34.6	94.0	12.4	50.8	102.1	14.3						
51.0	16.1	80.7	6.2												
55.0				21.5	84.4	10.9	42.4	97.3	12.9						
56.0				17.8	81.5	10.6									
57.9										55.0	100.2	9.6			
60.0							32.3	90.6	11.8	51.9	98.6	10.0			
65.0							17.7	79.5	10.8	43.7	94.0	9.0			
70.0										33.9	87.6	7.8			
75.0										21.5	78.5	6.7			
76.0										17.8	75.6	6.5			



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]
				65.0 ı		eza de p	II, Punto Iumín (2: I Posicio	316-1) 5	0.5 m Pli		lumín				
15.9	78.0	117.3	29.1				Ī								
16.0	77.9	117.3	29.1												
18.0	75.6	116.8	28.0												
20.0	73.2	116.2	25.2												
22.0	70.8	115.6	22.2												
24.0	68.4	114.8	20.2												
25.9				73.0	115.6	24.3									
26.0	65.9	113.9	18.4	72.9	115.6	24.3									
28.0	63.4	112.9	17.0	70.5	114.9	23.6									
30.0	60.8	111.9	15.8	68.0	114.1	22.4									
32.0	58.2	110.6	14.7	65.6	113.3	21.2									
34.0	55.4	109.3	13.8	63.0	112.3	20.1									
36.0	52.6	107.8	13.0	60.4	111.2	19.2									
38.0	49.7	106.2	12.3	57.8	109.9	17.8									
40.0	46.6	104.3	11.6	55.0	108.6	16.5									
41.4							65.0	111.2	16.7						
42.0	43.3	102.3	10.9	52.2	107.1	15.5	64.3	110.9	16.7						
44.0	39.9	100.0	10.3	49.2	105.4	14.7	61.7	109.8	16.2						
46.0	36.1	97.4	9.8	46.1	103.5	13.8	59.1	108.7 107.4	15.4						
48.0	32.0 27.3	94.3 90.8	9.4 9.0	42.8 39.3	101.4 99.1	13.0 12.2	56.4 53.6	107.4	14.7 14.0						
50.0 54.0	15.6	90.6 81.1	5.3	39.3	99.1	12.2	55.0	105.9	14.0						
55.0	15.6	01.1	5.3	29.1	91.6	10.8	46.1	101.6	12.6						
55.0 59.0				17.2	81.9	9.7	40.1	101.0	12.0						
59.6				17.2	01.8	9.1				55.0	102.6	9.1			
60.0							37.4	95.9	11.4	54.6	102.4	9.6			
65.0							26.5	87.7	10.5	47.2	98.3	8.7			
68.0							17.1	80.0	10.0	77.2	00.0	0.1			
70.0								00.0		38.4	92.5	7.5			
75.0										29.1	85.7	6.4			
79.0										17.3	76.0	5.6			



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

		gulo de principal			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı		eza de p	lumín (2	316-1) 5	3.5 m Pli	eza de p umín	lumín				
ļ						31.0 [m	Posici	ón midta	II (2316)						
16.6	78.0	120.3	26.8												
18.0	76.4	119.9	26.6												
20.0 22.0	74.2 71.9	119.4 118.7	24.1 21.5												
24.0	69.7	118.0	19.3												
26.0	67.4	117.2	17.7												
26.8	07.4	1117.2	17.7	73.0	118.5	22.6									
28.0	65.0	116.3	16.3	71.6	118.1	22.3									
30.0	62.6	115.3	15.2	69.3	117.4	21.4									
32.0	60.1	114.2	14.2	67.0	116.5	20.5									
34.0	57.6	112.9	13.3	64.7	115.6	19.3									
36.0	55.0	111.6	12.4	62.2	114.6	18.4									
38.0	52.4	110.1	11.7	59.8	113.5	17.4									
40.0	49.6	108.4	11.1	57.3	112.2	16.2									
42.0	46.7	106.6	10.5	54.7	110.8	15.1									
42.6							65.0	113.9	15.1						
44.0	43.6	104.6	9.9	52.0	109.3	14.2	63.4	113.2	15.6						
46.0	40.4	102.3	9.4	49.2	107.6	13.4	61.0	112.2 111.0	14.9						
48.0 50.0	36.9 33.1	99.7 96.8	8.9 8.5	46.2 43.2	105.8 103.7	12.6 11.9	58.5 55.9	111.0	14.2 13.6						
55.0	21.1	86.8	7.6	34.5	97.4	10.4	49.1	105.7	12.2						
57.0	15.2	81.5	5.0	34.3	31.4	10.4	43.1	103.7	12.2						
60.0	10.2	01.5	3.0	23.2	88.1	9.1	41.5	100.7	11.0						
61.3				20.2	00.1	0				55.0	105.1	8.4			
62.0				16.7	82.4	8.6									
65.0							32.5	93.9	10.1	50.1	102.3	8.3			
70.0							20.1	83.5	9.2	42.7	97.4	7.1			
71.0							16.6	80.4	9.1						
75.0										34.5	91.4	6.0			
80.0										23.2	82.1	5.1			
82.0										16.7	76.5	4.7			



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

		gulo de 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]
				65.0 i		eza de p	II, Punto Ilumín (2: Il Posici	316-1) 5	6.5 m Pli	eza de p umín	lumín				
17.2	78.0	123.2	25.2												
18.0	77.1	123.0	25.2												
20.0	75.0	122.5	23.5												
22.0	72.9	121.9	21.3												
24.0	70.8	121.2	18.9												
26.0	68.6	120.5	17.3												
27.6				73.0	121.4	21.4									
28.0	66.4	119.6	16.0	72.6	121.3	21.3									
30.0	64.2	118.7	14.9	70.5	120.6	20.7									
32.0	61.9	117.6	14.0	68.3	119.8	19.8									
34.0	59.5	116.5	13.1	66.1	118.9	18.9									
36.0	57.2	115.2	12.2	63.8	118.0	17.9									
38.0	54.7	113.8	11.5	61.5	116.9	17.2									
40.0	52.1	112.3	10.8	59.2	115.8	16.1									
42.0	49.5	110.6	10.3	56.8	114.5	15.0									
43.9							65.0	116.6	14.3						
44.0	46.8	108.8	9.7	54.3	113.1	14.0	65.0	116.6	14.8						
46.0	43.9	106.8	9.2	51.8	111.5	13.2	62.7	115.6	14.6						
48.0	40.8	104.6	8.7	49.1	109.9	12.5	60.4	114.5	13.9						
50.0	37.6	102.1	8.3	46.3	108.0	11.8	58.0	113.2	13.4						
55.0	28.1 17.3	94.1	7.4	38.8	102.5	10.2	51.7	109.7	11.9						
59.0 60.0	17.3	84.3	6.7	29.6	94.9	9.0	44.9	105.1	10.8						
63.0				29.6	94.9	9.0	44.9	105.1	10.8	55.0	107.5	7.9			
65.0				16.2	82.8	7.9	37.0	99.2	9.8	55.0 52.6	107.5	8.1			
70.0				10.2	02.0	1.9	27.4	91.1	9.6	45.9	100.2	7.0			
74.0							16.1	80.8	8.4	40.5	101.0	7.0			
75.0							10.1	00.0	0.4	38.8	96.5	5.9			
80.0										29.6	89.0	5.0			
85.0										16.3	76.9	4.2			



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

		gulo de orincipa			gulo de orincipa			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]
				65.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	9.5 m Pli	eza de p umín	lumín				
17.8	78.0	126.1	23.5												
18.0	77.8	126.1	23.5												
20.0	75.8	125.6	22.8												
22.0	73.8	125.0	20.6												
24.0	71.8	124.4	18.5												
26.0	69.8	123.7	16.8												
28.0	67.7	122.9	15.6												
28.5				73.0	124.2	20.1									
30.0	65.6	122.0	14.4	71.5	123.8	19.8									
32.0	63.4	121.0	13.5	69.5	123.0	19.0									
34.0	61.2	119.9	12.8	67.4	122.2	18.3									
36.0	59.0	118.8	11.9	65.3	121.3	17.4									
38.0	56.7	117.5	11.2 10.5	63.1	120.3 119.2	16.5 15.9									
40.0 42.0	54.4 51.9	116.1 114.6	9.9	60.9 58.7	118.1	14.8									
44.0	49.4	112.9	9.9	56.4	116.8	13.8									
45.2	49.4	112.9	9.4	30.4	110.0	13.0	65.0	119.3	14.0						
46.0	46.8	111.1	8.9	54.0	115.3	12.9	64.2	119.0	13.9						
48.0	44.1	109.1	8.4	51.6	113.8	12.3	62.0	117.9	13.6				i		
50.0	41.2	106.8	7.9	49.1	112.1	11.5	59.8	116.8	12.9						
55.0	33.2	100.1	7.0	42.3	107.1	9.9	54.0	113.4	11.6						
60.0	22.7	90.5	6.2	34.4	100.7	8.7	47.7	109.3	10.5						
62.0	16.8	84.7	5.9	•									i		
64.7										55.0	110.0	7.3			
65.0				24.4	91.6	7.7	40.8	104.1	9.5	54.8	109.9	7.7			
68.0				15.8	83.2	7.0									
70.0							32.6	97.2	8.7	48.4	105.7	6.5			
75.0							21.9	87.3	8.0	42.3	101.2	5.5			
77.0							15.7	81.2	7.7						
80.0										34.4	94.8	4.6			
85.0										24.5	85.7	3.8			
88.0										15.8	77.3	3.3			



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa		45° Án	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	2.5 m Pli	eza de p umín	lumín				
18.4	78.0	129.1	22.1												
20.0	76.5	128.7	22.0												
22.0	74.6	128.2	20.0												
24.0	72.7 70.8	127.5 126.9	18.2												
26.0 28.0	68.8	126.9	16.5 15.3												
29.4	00.0	120.1	15.3	73.0	127.1	19.0									
30.0	66.8	125.3	14.2	72.4	127.1	18.9									
32.0	64.8	123.3	13.2	70.5	126.2	18.4									
34.0	62.7	123.3	12.4	68.5	125.5	17.7									
36.0	60.7	122.2	11.7	66.5	124.6	17.0									
38.0	58.5	121.1	10.9	64.5	123.7	16.1									
40.0	56.3	119.7	10.3	62.4	122.7	15.4									
42.0	54.1	118.3	9.7	60.3	121.6	14.8									
44.0	51.8	116.8	9.2	58.2	120.3	13.8									
46.0	49.4	115.1	8.7	56.0	119.0	12.8									
46.4							65.0	122.1	12.8						
48.0	46.9	113.3	8.2	53.8	117.6	12.0	63.5	121.3	13.2						
50.0	44.3	111.3	7.8	51.4	116.0	11.4	61.4	120.2	12.7						
55.0	37.2	105.4	6.8	45.2	111.5	9.8	56.0	117.1	11.4						
60.0	28.7	97.5	6.0	38.3	105.8	8.5	50.2	113.3	10.3						
65.0	16.4	85.2	5.3	30.0	98.3	7.5	43.9	108.6	9.3	55.0	112.5	6.8			
66.5 70.0				18.6	87.0	6.6	36.7	102.6	8.4	55.0 51.4	112.5	6.2			
71.0				15.4	83.6	6.4	30.7	102.0	0.4	31.4	110.1	0.2			
75.0				13.4	00.0	0.4	28.0	94.5	7.8	45.3	105.6	5.2			
80.0							15.3	81.6	7.1	38.3	99.9	4.3			
85.0							. 5.0	0		30.0	92.4	3.5			
90.0										18.7	81.1	2.8			
91.0										15.4	77.7	2.7			



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

		gulo de 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]
				65.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 6	5.5 m Pl		lumín				
19.0 20.0 22.0 24.0 26.0	78.0 77.1 75.3 73.5 71.7	132.0 131.8 131.3 130.7 130.0	20.1 20.1 19.1 17.4 15.8												
28.0 30.0 30.3 32.0 34.0	69.8 67.9 66.0 64.1	129.3 128.5 127.7 126.7	14.6 13.6 12.6 11.8	73.0 71.4 69.6	130.0 129.4 128.7	17.5 17.3 16.7									
36.0 38.0 40.0 42.0 44.0	62.1 60.1 58.1 56.0 53.8	126.7 125.7 124.6 123.3 122.0 120.6	11.8 11.1 10.4 9.8 9.2 8.6	69.6 67.7 65.8 63.8 61.8 59.8	127.9 127.0 126.0 125.0 123.9	16.7 16.1 15.4 14.6 14.0 13.3									
46.0 47.7 48.0 50.0 55.0	51.6 49.3 47.0 40.6	119.0 117.4 115.5 110.2	7.8 7.3 6.4	57.8 55.7 53.5 47.8	122.6 121.3 119.8 115.7	12.4 11.6 10.9 9.4	65.0 64.8 62.8 57.7	124.8 124.7 123.6 120.7	12.0 12.2 12.2 10.9						
60.0 65.0 68.0 68.2 70.0	33.2 23.9 16.0	103.4 94.1 85.6	5.6 5.0 4.6	41.5 34.3 25.4	110.5 104.0 95.1	8.1 7.1 6.3	52.4 46.6 40.1	117.2 112.8 107.4	9.7 8.8 8.0	55.0 53.5	114.9 113.9	6.2 5.8			
74.0 75.0 80.0 83.0 85.0				15.0	84.0	5.6	32.7 23.2 16.1	100.5 90.9 83.2	7.3 6.7 5.7	47.8 41.5 34.3	109.7 104.6 98.1	4.8 3.9 3.2			
90.0 93.0										25.4 18.2	89.2 81.5	2.4 2.0			



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı		eza de p	II, Punto Ilumín (2 1] Posici	316-1) 6	8.5 m Pl	eza de p umín	lumín				
19.7	78.0	134.9	18.9												
20.0	77.7	134.9	18.9												
22.0	76.0	134.4	18.6												
24.0	74.3	133.8	16.8												
26.0	72.5	133.2	15.5												
28.0	70.7	132.5	14.2												
30.0	69.0	131.8	13.4												
31.2				73.0	132.9	16.6									
32.0	67.1	130.9	12.4	72.3	132.6	16.5									
34.0	65.3	130.0	11.5	70.5	131.9	16.1									
36.0	63.5	129.1	10.8	68.7	131.1	15.5									
38.0	61.6	128.0	10.2	66.9	130.3	15.0									
40.0	59.6 57.7	126.9	9.6 9.0	65.0 63.2	129.4 128.4	14.3 13.6									
42.0 44.0	55.6	125.6 124.3	8.4	61.3	120.4	13.0									
46.0	53.6	124.3	7.9	59.3	126.2	12.3									
48.0	51.5	121.3	7.5	59.3 57.4	124.9	11.5									
49.0	31.3	121.5	1.5	37.4	124.5	11.5	65.0	127.5	11.6						
50.0	49.3	119.6	7.1	55.3	123.5	10.8	64.1	127.0	11.6				i		
55.0	43.4	114.7	6.2	50.1	119.7	9.3	59.3	124.3	10.6						
60.0	36.9	108.7	5.4	44.3	115.0	8.0	54.3	120.9	9.5						
65.0	29.1	100.9	4.8	37.9	109.1	7.0	48.9	116.9	8.7						
69.9										55.0	117.4	5.6	İ		
70.0	18.6	89.3	4.2	30.3	101.6	6.2	43.1	112.0	7.8	54.9	117.3	5.6			
71.0	15.7	86.0	4.0												
75.0				20.4	90.9	5.4	36.5	105.9	7.1	50.1	113.7	4.6			
77.0				15.8	85.6	4.6									
80.0							28.6	97.9	6.5	44.3	109.0	3.8			
85.0							17.7	85.9	6.0	37.9	103.2	3.0			
86.0							15.7	83.6	5.3						
90.0										30.4	95.7	2.3			
91.0										28.6	93.9	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]
				65.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	1.5 m Pli	eza de p umín	lumín				
20.4	78.0	137.9	16.9												
22.0	76.6	137.5	16.9												
24.0	75.0	136.9	15.7							•					
26.0	73.3	136.4	14.5												
28.0	71.6	135.7	13.3												
30.0	69.9	135.0	12.4												
32.0	68.1	134.2	11.6	73.0	135.7	15.0									
34.0	66.4	133.3	10.8	71.3	135.1	14.8									
36.0	64.6	132.4	10.0	69.6	134.3	14.3									
38.0	62.8	131.4	9.4	67.9	133.5	13.8									
40.0	61.0	130.3	8.9	66.1	132.7	13.3									
42.0	59.1	129.1	8.4	64.3	131.7	12.6									
44.0	57.2	127.8	7.8	62.5	130.7	12.1									
46.0	55.2	126.5	7.3	60.7	129.6	11.7									
48.0	53.2	125.0	6.9	58.8	128.4	10.9									
50.0	51.2	123.4	6.6	56.9	127.1	10.2				ł					
50.2	45.0	4400		54.0	400.4		65.0	130.2	10.6						
55.0	45.8 39.8	118.9 113.3	5.7 4.9	51.9 46.6	123.4 119.0	8.7 7.5	60.7 55.9	127.7 124.5	10.0 9.0						
60.0 65.0	39.8	106.4		40.6	119.0	-	55.9 50.8	124.5	9.0 8.0						
70.0	24.3	97.0	4.3 3.7	33.9	107.0	6.4 5.6	45.4	116.2	7.3						
70.0 71.6	24.3	97.0	3.7	33.9	107.0	5.6	45.4	110.2	7.3	55.0	119.8	4.8			
71.6 74.0	16.3	87.6	3.1							55.0	119.6	4.0			
74.0 75.0	10.5	07.0	3.1	25.7	98.0	4.9	39.4	110.5	6.5	52.1	117.6	4.2			
80.0				15.4	86.0	4.9	39.4	103.5	6.0	46.8	113.3	3.3			
85.0				13.4	00.0	7.0	23.7	93.8	5.5	40.9	108.0	2.6			
89.0							15.3	84.0	4.8	35.7	102.8	2.0			



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

		gulo de 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]
				65.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 7	4.5 m Plı	eza de p umín	lumín				
21.0	78.0	140.8	15.6												
22.0	77.2	140.6	15.6												
24.0	75.6	140.1	15.3												
26.0	74.0	139.5	14.0												
28.0	72.4	138.9	13.0												
30.0	70.7	138.2	12.0												
32.0	69.1	137.4	11.3												
32.9				73.0	138.6	14.1									
34.0	67.4	136.6	10.6	72.1	138.2	14.0									
36.0	65.7	135.7	9.8	70.5	137.5	13.7									
38.0	64.0	134.8	9.2	68.8	136.8	13.3									
40.0	62.3	133.7	8.6	67.2	136.0	12.9									
42.0	60.5	132.6	8.2	65.5	135.1	12.3									
44.0	58.7	131.4	7.6	63.7	134.1	11.7									
46.0	56.8	130.1	7.1	62.0	133.0	11.3									
48.0	55.0	128.7	6.7	60.2	131.9	10.8									
50.0	53.0	127.2	6.3	58.4	130.7	10.1									
51.5							65.0	132.9	10.1						
55.0	48.0	123.0	5.5	53.7	127.2	8.5	62.0	131.1	9.8						
60.0	42.5	118.0	4.7	48.7	123.1	7.4	57.5	128.2	8.8						
65.0	36.3	111.7	4.0	43.3	118.2	6.3	52.7	124.6	7.8						
70.0	29.1	103.8	3.5	37.3	112.2	5.4	47.7	120.3	7.1						
73.3										55.0	122.3	4.2			
75.0	19.5	92.4	3.0	30.2	104.5	4.7	42.1	115.2	6.4	53.9	121.4	3.9			
77.0	16.0	88.0	2.7												
80.0				21.1	93.9	4.1	35.9	108.9	5.8	48.9	117.4	3.1			
83.0				15.1	86.4	3.5									
85.0							28.6	100.8	5.3	43.5	112.5	2.3			
87.0										41.2	110.3	2.0			
90.0							18.8	89.1	4.7						
92.0	l .						15.0	84.4	4.3						



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

		gulo de 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]
				65.0 ı			ıl, Punto lumín (1			eza de p	lumín				
					Cab		n] Posici			ullilli					
12.2	78.0	99.7	34.1												
13.0	76.5	99.5	33.9												
14.0	74.7	99.2	32.9												
16.0	71.0	98.6	31.2												
18.0	67.2	97.8	29.3												
20.0	63.3	96.8	27.1												
20.6	50.0	05.7	05.0	73.0	98.4	29.6									
22.0	59.2 55.0	95.7	25.0	70.4	98.0 97.1	29.2									
24.0 26.0	50.5	94.3 92.8	22.7 20.9	66.6 62.7	97.1 96.1	28.2 27.0									
28.0	45.7	90.9	19.5	58.6	95.0	25.7									
30.0	40.4	88.7	18.2	54.3	93.6	24.5									
32.0	34.5	86.0	17.1	49.8	92.0	23.4									
33.8	0	00.0		10.0	02.0		65.0	94.9	23.7				İ		
34.0	27.4	82.5	16.2	44.9	90.1	21.8	64.6	94.8	23.7				İ		
36.0	17.8	77.5	15.3	39.6	87.8	20.3	60.6	93.7	22.9						
38.0				33.5	85.0	19.2	56.4	92.4	21.8						
40.0				26.2	81.4	18.1	52.0	90.9	20.7						
42.0				16.0	75.9	16.9	47.3	89.2	19.8						
44.0							42.3	87.1	18.9						
46.0							36.6	84.6	18.2						
48.0							30.0	81.4	17.6						
49.3										55.0	87.9	14.3			
50.0							21.6	77.1	16.9	53.6	87.4	15.0			
51.0							15.8	73.9	16.6	44.5	00.7	40.0			
55.0 60.0										41.5 24.9	82.7 74.7	13.6 12.6			
60.0 62.0										24.9 16.0	74.7 70.0	12.6			
75.5										10.0	70.0	11.2	35.0	66.4	4.4
80.0													19.2	58.4	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		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]
				65.0 ı		eza de p	al, Punto dumín (19 n] Posicio	916-1) 3:	5.5 m Plı	eza de p umín	lumín				
12.8 13.0 14.0 16.0 18.0 20.0 21.5 22.0 24.0 26.0 28.0 30.0 32.0 34.0 35.0	78.0 77.7 76.0 72.7 69.2 65.7 62.1 58.3 54.4 50.3 45.9 41.1 35.8	102.6 102.6 102.4 101.8 101.0 100.2 99.1 98.0 96.6 95.0 93.1 91.0 88.4	30.7 30.7 30.3 28.6 27.2 25.3 23.8 22.0 20.4 19.1 17.8 16.7 15.8	73.0 72.2 68.7 65.2 61.5 57.8 53.8 49.7	101.3 101.1 100.4 99.5 98.5 97.2 95.8 94.2	26.7 26.7 25.7 24.7 23.8 22.7 21.8 20.9	65.0	97.6	22.0						
36.0 38.0 39.0 40.0 42.0 44.0 45.0 46.0 48.0 50.0 51.0 55.0 60.0	29.7 22.1 17.0	85.2 80.9 77.9	15.0 14.3 13.9	45.2 40.4 35.0 28.7 20.7 15.2	92.3 90.1 87.4 84.1 79.6 76.3	19.7 18.6 17.7 16.8 15.9 15.4	63.3 59.6 55.8 51.7 47.4 42.8 37.7 31.9	97.1 96.0 94.7 93.2 91.4 89.3 86.9 83.9 74.3	22.3 21.2 20.3 19.3 18.6 17.7 17.0 16.5	55.0 46.8 34.1	90.3 87.1 81.0	13.5 13.2 12.3			
65.0 78.0 80.0 83.0										15.3	70.4	10.4	35.0 30.5 18.3	68.1 65.8 58.9	3.7 3.4 3.0



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

		gulo de 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]
				65.0 ı		eza de p	il, Punto lumín (1 n] Posici	916-1) 3	8.5 m Pli	eza de p umín	lumín				
13.4	78.0	105.6	28.0												
14.0	77.1	105.4	28.0												
16.0	74.1	104.9	26.7												
18.0	70.9	104.2	25.1												
20.0	67.7	103.5	23.7												
22.0	64.4	102.5	22.3												
22.4				73.0	104.2	24.3									
24.0	61.1	101.5	21.2	70.5	103.6	23.9									
26.0	57.6	100.2	19.8	67.2	102.8	22.9									
28.0	53.9	98.8	18.5	64.0	101.9	22.0									
30.0	50.1	97.2	17.6	60.6	100.8	21.3									
32.0	46.1	95.4	16.5	57.1	99.5	20.3									
34.0	41.7	93.2	15.5	53.4	98.1	19.6									
36.0	36.9	90.7	14.7	49.5	96.4	18.9									
36.3							65.0	100.3	21.2						
38.0	31.5	87.7	14.0	45.5	94.6	18.0	62.2	99.4	20.9						
40.0	25.1	83.9	13.3	41.0	92.4	17.2	58.8	98.3	19.9						
42.0	16.3	78.3	12.7	36.2	89.8	16.5	55.2	96.9	19.0						
44.0 46.0				30.7 24.0	86.7 82.7	15.7 14.9	51.4 47.5	95.4 93.6	18.2 17.5						
48.0				16.5	77.9	10.5	43.2	93.6	16.8						
50.0				10.5	77.9	10.5	38.6	89.2	16.6						
50.0 52.7							36.0	09.2	10.1	55.0	92.8	12.8			
55.0							23.9	80.7	14.8	50.9	91.1	13.1			
57.0							16.4	76.0	13.0	50.5	31.1	13.1			
60.0							10.7	70.0	10.0	40.3	86.1	11.9			
65.0										26.4	78.2	11.1			
67.0										18.3	73.2	10.8			
80.4													35.0	69.9	3.3
85.0													22.1	62.2	2.7
86.0													17.5	59.3	2.6



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

		gulo de orincipal			gulo de orincipa			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]
				65.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 4	1.5 m Pl	eza de p umín	lumín				
14.1 16.0 18.0 20.0	78.0 75.2 72.3 69.4	108.5 108.0 107.4 106.7	24.9 24.1 22.7 21.5												
22.0 23.3 24.0	66.4	105.9	20.2	73.0 71.9	107.0 106.8	21.4 21.3									
26.0 28.0 30.0 32.0	60.2 56.9 53.5 50.0	103.8 102.5 101.1 99.5	18.2 17.2 16.4 15.7	69.0 66.0 62.9 59.7	106.1 105.2 104.2 103.1	20.6 19.8 19.1 18.4									
34.0 36.0 37.6	46.2 42.2	97.6 95.5	14.8 14.0	56.4 53.0	101.8 100.3	17.6 16.9	65.0	103.0	19.1						
38.0 40.0 42.0 44.0	37.8 33.0 27.4 20.3	93.1 90.2 86.6 81.9	13.3 12.7 12.2 11.6	49.4 45.7 41.6 37.2	98.7 96.8 94.7 92.1	16.3 15.6 14.9 14.3	64.4 61.3 58.1 54.7	102.8 101.8 100.6 99.2	19.1 18.6 17.9 17.1						
45.0 46.0 48.0 50.0	15.7	78.7	11.3	32.2 26.5 19.1	89.2 85.5 80.6	13.7 13.1 12.5	51.2 47.5 43.6	97.6 95.9 93.9	16.5 15.9 15.2						
51.0 54.4 55.0				15.9	78.3	9.3	32.2	87.3 76.4	13.9	55.0 54.2	95.3 94.9	12.1 12.5			
60.0 65.0 70.0 82.9							15.7	76.4	11.1	45.0 34.0 17.6	90.5 84.3 73.6	11.5 10.6 9.8	35.0	71.6	2.6
85.0 88.0													30.9 21.2	69.1 62.8	2.4



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

l L		gulo de orincipal			gulo de orincipal			gulo de orincipa			gulo de orincipa		45° An	gulo de orincipa	pluma I
ce	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 r		eza de p	ıl, Punto lumín (19 ı] Posicio	916-1) 4	4.5 m Plu	eza de p umín	lumín				
14.7	78.0	111.5	22.7												
16.0	76.3	111.1	22.4												
18.0	73.6	110.6	21.3												
20.0	70.9	109.9	20.0												
22.0	68.1	109.1	19.0												
24.0	65.3	108.2	17.9												
24.1				73.0	109.9	19.5									
26.0	62.4	107.2	17.1	70.5	109.3	19.2									
28.0	59.4	106.1	16.3	67.7	108.5	18.6									
30.0	56.4	104.8	15.6	64.9	107.6	17.8									
32.0	53.2	103.3	15.0	62.0	106.5	17.2									
34.0	49.9	101.7	14.4	59.0	105.4	16.5									
36.0	46.4	99.9	13.7	55.9	104.1	15.8									
38.0	42.6	97.8	13.0	52.7	102.6	15.2									
38.8							65.0	105.7	16.8						
40.0	38.6	95.4	12.4	49.4	100.9	14.6	63.4	105.2	17.5						
42.0	34.2	92.6	11.9	45.8	99.0	14.0	60.4	104.1	16.9						
44.0	29.2	89.3	11.4	42.1	96.9	13.4	57.4	102.8	16.4						
46.0	23.2	85.1	10.9	38.0	94.5	12.9	54.3	101.4	15.8						
48.0	15.1	79.1	10.4	33.5	91.6	12.4	51.0	99.9	15.3						
50.0				28.4	88.2	11.8	47.6	98.1	14.7						
54.0				15.3	78.7	8.3	00.0	00.0	40.0						
55.0							38.0	92.6	13.3	55.0	07.7	11.5			
56.1 60.0							25.4	84.2	12.0	55.0 48.8	97.7 94.7	11.5 11.3			
63.0							25.4 15.1	76.7	9.6	48.8	94.7	11.3			
65.0							15.1	/6./	9.6	39.4	89.4	10.3			
70.0										39.4 27.5	89.4 81.6	9.6			
70.0										27.5 17.0	74.1	9.6			
85.3										17.0	74.1	9.2	35.0	73.3	2.2
87.0													32.4	71.6	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 orincipal			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı			II, Punto Iumín (1			eza de p umín	lumín		_		
						28.0 [m	ı] Posici	ón midfa	II (1916)						
15.3	78.0	114.4	20.6												
16.0	77.1	114.2	20.6												
18.0	74.6	113.7	19.8												
20.0	72.1	113.1	18.8												
22.0	69.6	112.4	18.0												
24.0	66.9	111.5	17.3	70.0	440.0	47.0									
25.0 26.0	64.3	110.6	16.6	73.0 71.7	112.8 112.4	17.9 17.9									
28.0	61.6	109.5	16.6	69.2	112.4	17.9									
30.0	58.8	109.5	15.3	66.6	110.9	17.5									
32.0	55.9	107.0	14.6	63.9	109.9	16.6									
34.0	52.9	105.6	14.0	61.2	108.9	16.3									
36.0	49.8	103.9	13.5	58.3	107.7	15.7									
38.0	46.5	102.1	12.8	55.4	106.3	15.2									
40.0	43.0	100.0	12.1	52.4	104.8	14.8									
40.1							65.0	108.5	16.5						
42.0	39.3	97.7	11.5	49.3	103.2	14.4	62.5	107.5	16.4						
44.0	35.3	95.0	11.0	46.0	101.3	13.7	59.7	106.4	16.0				<u> </u>		
46.0	30.7	91.8	10.6	42.5	99.2	13.2	56.9	105.1	15.7						
48.0	25.5	88.0	10.2	38.7	96.8	12.7	53.9	103.7	15.1						
50.0	18.9	82.9	9.7	34.6	94.0	12.2	50.8	102.1	14.7						
51.0	16.1	80.7	6.8												
55.0				21.5	84.4	10.8	42.4	97.3	13.3						
56.0				17.8	81.5	10.6				55.0	100.0	10.9			
57.9 60.0							32.3	90.6	12.2	55.0 51.9	100.2 98.6	10.9			
65.0							32.3 17.7	90.6 79.5	11.2	43.7	98.6	10.1			
70.0							17.7	18.0	11.2	33.9	94.0 87.6	9.4			
75.0										20.4	77.6	8.6			
76.0										16.4	74.5	8.4			



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

		gulo de 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]
				65.0 ı		eza de p	lumín (19	916-1) 5	0.5 m Pli	eza de p umín	lumín				
						19.0 [m] Posici	ón midfa	II (1916)						
15.9	78.0	117.3	19.0												
16.0	77.9	117.3	19.0												
18.0 20.0	75.6 73.2	116.8 116.2	18.5 17.8												
20.0	70.8	115.6	17.0												
24.0	68.4	114.8	16.5												
25.9	00.4	114.0	10.5	73.0	115.6	16.7									
26.0	65.9	113.9	16.1	72.9	115.6	16.7									
28.0	63.4	112.9	15.7	70.5	114.9	16.6									
30.0	60.8	111.9	15.3	68.0	114.1	16.3									
32.0	58.2	110.6	14.5	65.6	113.3	16.0									
34.0	55.4	109.3	13.8	63.0	112.3	15.8									
36.0	52.6	107.8	13.2	60.4	111.2	15.5									
38.0	49.7	106.2	12.7	57.8	109.9	15.1									
40.0	46.6	104.3	12.0	55.0	108.6	14.8									
41.4							65.0	111.2	15.7						
42.0	43.3	102.3	11.4	52.2	107.1	14.6	64.3	110.9	15.6						
44.0	39.9	100.0	10.8	49.2	105.4 103.5	14.2	61.7	109.8 108.7	15.5						
46.0 48.0	36.1 32.0	97.4 94.3	10.4 9.9	46.1 42.8	103.5	13.6 13.0	59.1 56.4	108.7	15.4 15.1						
50.0	27.3	90.8	9.9	39.3	99.1	12.5	53.6	107.4	14.6						
54.0	15.6	81.1	5.4	39.3	33.1	12.5	33.0	103.9	14.0						
55.0	10.0	01.1	0.4	29.1	91.6	11.3	46.1	101.6	13.4						
59.0				17.2	81.9	10.2									
59.6										55.0	102.6	10.4			
60.0							37.4	95.9	12.2	54.6	102.4	10.6			
65.0							26.5	87.7	11.4	47.2	98.3	10.0			
68.0							17.1	80.0	10.9						
70.0										38.8	92.8	9.2			
75.0										28.3	85.0	8.6			
79.0										15.9	74.9	7.8			



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

	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]
				65.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 5	3.5 m Pli	eza de p umín	lumín				
16.6	78.0	120.3	16.7												
18.0	76.5	119.9	16.5												
20.0	74.2	119.4	15.8												
22.0	72.0	118.7	15.1												
24.0	69.7	118.0	14.6												
26.0	67.3	117.2	14.2												
26.8				73.0	118.5	14.7									
28.0	64.9	116.3	13.9	71.6	118.1	14.7									
30.0	62.5	115.3	13.6	69.3	117.4	14.4									
32.0	60.0	114.1	13.2	67.0	116.5	14.2									
34.0	57.5	112.9	12.7	64.6	115.6	13.9									
36.0	54.9	111.5	12.2 11.8	62.2	114.6	13.7 13.5									
38.0 40.0	52.2 49.4	110.0 108.3	11.8	59.7 57.1	113.4 112.1	13.5									
40.0	49.4	106.3	10.8	54.5	112.1	12.9									
42.6	40.4	100.4	10.6	34.5	110.7	12.9	65.0	113.9	13.6						
44.0	43.3	104.3	10.2	51.8	109.2	12.7	63.4	113.9	13.6						
46.0	40.0	102.0	9.7	48.9	103.2	12.7	60.9	112.1	13.5						
48.0	36.5	99.4	9.3	46.0	107.5	12.0	58.4	110.9	13.4						
50.0	32.6	96.4	8.9	42.9	103.5	11.6	55.8	109.6	13.2						
55.0	20.2	86.0	8.1	34.0	97.0	10.7	48.9	105.6	12.6						
57.0	15.2	81.5	5.1												
60.0				22.4	87.4	9.6	41.2	100.5	11.6						
61.3										55.0	105.1	9.8			
62.0		<u></u>		15.5	81.3	9.1									
65.0							32.0	93.5	10.8	49.9	102.2	9.4			
70.0							19.2	82.7	10.0	42.3	97.2	8.6			
71.0							15.4	79.3	9.8						
75.0										33.4	90.6	8.0			
80.0										21.4	80.6	7.3			
82.0	1									16.7	76.5	6.7			



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

	88° Án I	gulo de orincipa	pluma I		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]
				65.0 ı		eza de p	lumín (1	916-1) 5	6.5 m Pl		lumín		-		
						25.0 [m	ı] Posici	ón midfa	II (1916)	_					
17.2	78.0	123.2	15.2												
18.0	77.2	123.0	15.2												
20.0	75.1	122.5	14.6												
22.0	73.0	121.9	14.1												
24.0	70.8	121.2	13.6												
26.0	68.6	120.4	13.2												
27.7		440.0	40.0	73.0	121.4	13.6									
28.0	66.4	119.6	12.9	72.6 70.5	121.3 120.6	13.6									
30.0 32.0	64.1 61.8	118.6 117.6	12.6 12.4	68.3	120.6	13.4 13.2									
34.0	59.4	116.4	12.4	66.1	118.9	13.2									
36.0	57.0	115.1	11.6	63.8	118.0	12.7				i					
38.0	54.5	113.7	11.2	61.5	116.0	12.7				i					
40.0	52.0	112.2	10.9	59.1	115.7	12.3				i					
42.0	49.3	110.5	10.6	56.7	114.4	12.1									
43.9							65.0	116.6	12.5						
44.0	46.5	108.7	10.1	54.2	113.0	11.9	64.9	116.6	12.5	l					
46.0	43.6	106.6	9.6	51.6	111.4	11.7	62.6	115.5	12.5	İ					
48.0	40.5	104.3	9.1	48.9	109.7	11.5	60.3	114.4	12.4						
50.0	37.2	101.8	8.7	46.1	107.8	11.1	57.9	113.2	12.2						
55.0	27.5	93.6	7.9	38.4	102.2	10.4	51.5	109.5	11.9						
59.0	16.2	83.3	7.3												
60.0				29.1	94.5	9.5	44.6	104.9	11.3						
63.0										55.0	107.5	9.3			
65.0				15.1	81.7	8.4	36.7	98.9	10.6	52.5	106.0	9.2			
70.0							26.8	90.6	9.8	45.6	101.6	8.5			
74.0							17.3	81.9	6.7						
75.0 80.0										37.9 28.4	95.8 87.9	7.8 7.2			
80.0 85.0										28.4 16.3	87.9 76.9	6.2			
85.0										10.3	76.9	0.2			



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 5	9.5 m Pl	eza de p umín	lumín				
17.9	78.0	126.1	13.8												
18.0	77.9	126.1	13.8												
20.0	75.9	125.6	13.5												
22.0	73.8	125.0	13.0												
24.0	71.8	124.4	12.5												
26.0	69.7	123.7	12.1												
28.0	67.7	122.9	11.8												
28.5				73.0	124.2	12.3									
30.0	65.5	122.0	11.5	71.5	123.8	12.3									
32.0	63.4	121.0	11.3	69.4	123.0	12.1									
34.0	61.2	119.9	11.2	67.3	122.2	11.8									
36.0 38.0	58.9 56.6	118.7 117.4	10.8 10.5	65.2 63.0	121.3 120.3	11.6 11.4									
40.0	54.2	117.4	10.5	60.8	119.2	11.4									
42.0	51.8	114.4	10.3	58.6	118.0	11.0									
44.0	49.2	112.7	9.8	56.3	116.7	10.8									
45.2	43.2	112.7	3.0	30.3	110.7	10.0	65.0	119.3	11.3						
46.0	46.6	110.9	9.3	53.9	115.2	10.7	64.1	118.9	11.3						
48.0	43.8	108.9	8.9	51.4	113.7	10.5	61.9	117.9	11.2						
50.0	40.9	106.6	8.4	48.9	112.0	10.3	59.7	116.7	11.1						
55.0	32.7	99.7	7.6	42.0	106.9	9.8	53.8	113.4	10.8						
60.0	22.0	89.8	6.9	34.0	100.3	9.3	47.5	109.1	10.5						
62.0	15.8	83.7	6.6												
64.7										55.0	110.0	8.7			
65.0				23.8	91.0	8.3	40.5	103.8	10.0	54.7	109.8	8.7			
68.0				17.0	84.3	5.0									
70.0							32.1	96.8	9.5	48.4	105.7	8.2			
75.0							21.1	86.5	8.8	41.5	100.6	7.6			
77.0							16.9	82.4	6.5						
80.0										33.4	93.9	6.9			
85.0										24.5	85.7	6.1			
88.0										15.8	77.3	5.6			



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

		gulo de 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]
				65.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 6:	2.5 m Pli	eza de p umín	lumín				
18.5	78.0	129.1	12.6												
20.0	76.6	128.7	12.6												
22.0	74.6	128.2	12.0												
24.0	72.7	127.6	11.6												
26.0	70.8	126.9	11.2												
28.0	68.8	126.1	10.9												
29.4				73.0	127.1	11.3									
30.0	66.8	125.3	10.7	72.4	126.9	11.3									
32.0	64.8	124.3	10.5	70.5	126.2	11.2									
34.0	62.7	123.3	10.3	68.5	125.5	10.9									
36.0	60.6	122.2	10.1	66.5	124.6	10.7									
38.0	58.4	121.0	9.9	64.5	123.7	10.5									
40.0 42.0	56.2 53.9	119.7 118.2	9.7 9.5	62.4 60.3	122.6 121.5	10.3 10.2									
44.0	51.6	116.2	9.5	58.1	121.5	10.2									
46.0	49.2	115.0	9.3	55.9	118.9	9.8									
46.4	49.2	113.0	9.1	33.9	110.9	9.0	65.0	122.1	10.3						
48.0	46.7	113.1	8.7	53.6	117.5	9.7	63.4	121.3	10.3						
50.0	44.1	111.1	8.3	51.3	117.5	9.5	61.3	120.2	10.3						
55.0	36.9	105.1	7.4	45.0	111.3	9.2	55.9	117.1	9.9						
60.0	28.1	97.0	6.7	38.0	105.5	8.8	50.0	113.2	9.6						
65.0	15.4	84.1	6.1	29.5	97.8	8.2	43.6	108.4	9.4						
66.5			0	20.0	01.0	0.2	10.0		0	55.0	112.5	8.2			
70.0				17.7	86.0	7.3	36.4	102.3	9.2	50.9	109.7	8.0			
71.0				16.5	84.8	4.7									
75.0							27.5	94.0	8.6	44.6	105.1	7.4			
80.0							16.5	82.8	6.4	37.5	99.2	6.8			
85.0										30.0	92.4	6.0			
90.0										18.7	81.1	5.2			
91.0										15.4	77.7	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 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]
				65.0 ı		eza de p	al, Punto Ilumín (1 n] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
19.1	78.0	132.0	11.5												
20.0	77.2	131.8	11.5												
22.0	75.4	131.3	11.1												
24.0	73.5	130.7	10.7												
26.0	71.7	130.0	10.3												
28.0	69.8	129.3	10.1												
30.0	67.9	128.5	9.9												
30.3		407.7	0.0	73.0	130.0	10.3									
32.0	66.0	127.7	9.6	71.4	129.4	10.3									
34.0	64.0	126.7	9.4	69.5 67.6	128.7 127.9	10.1 9.9									
36.0 38.0	62.1 60.0	125.6 124.5	9.3 9.1	65.7	127.9	9.9									
40.0	58.0	124.5	8.9	63.8	127.0	9.7									
42.0	55.9	121.9	8.7	61.8	125.0	9.3									
44.0	53.7	120.5	8.5	59.7	123.8	9.2									
46.0	51.5	118.9	8.4	57.7	122.6	9.0									
47.7	00	1.0.0	0	0	122.0	0.0	65.0	124.8	9.3						
48.0	49.1	117.2	8.2	55.5	121.2	8.8	64.7	124.6	9.3				i		
50.0	46.8	115.4	7.9	53.4	119.7	8.7	62.7	123.6	9.3			İ	İ		
55.0	40.3	110.0	7.1	47.6	115.5	8.3	57.6	120.7	9.0						
60.0	32.8	103.1	6.4	41.3	110.3	7.9	52.2	117.1	8.7						
65.0	23.3	93.4	5.8	34.0	103.6	7.6	46.4	112.7	8.5						
68.0	15.0	84.5	5.5										<u> </u>		
68.2										55.0	114.9	7.7			
70.0				24.8	94.5	7.0	39.9	107.2	8.2	53.0	113.6	7.7			
74.0				16.1	85.2	4.4									
75.0							32.3	100.2	7.9	47.2	109.3	7.1			
80.0							22.5	90.2	7.5	40.8	104.0	6.5			
83.0							16.1	83.2	6.0						
85.0										34.3	98.1	5.7			
90.0										25.4	89.2	4.9			
94.0										15.1	78.1	4.4			



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 6	8.5 m Plı	eza de p umín	lumín				
19.7 20.0 22.0 24.0 26.0	78.0 77.8 76.0 74.3 72.5	134.9 134.9 134.4 133.8 133.2	10.5 10.5 10.4 9.9 9.6												
28.0 30.0 31.2 32.0	70.7 68.9 67.1	132.5 131.8 130.9	9.4 9.2 9.0	73.0 72.3	132.9 132.6	9.5 9.5									
34.0 36.0 38.0 40.0 42.0	65.3 63.4 61.5 59.5 57.6	130.0 129.0 128.0 126.8 125.6	8.8 8.6 8.5 8.3 8.1	70.5 68.7 66.9 65.0 63.1	131.9 131.1 130.3 129.4 128.4	9.4 9.2 9.0 8.8 8.7									
44.0 46.0 48.0 49.0 50.0	55.5 53.5 51.3 49.1	124.2 122.7 121.2	7.9 7.8 7.6	61.2 59.3 57.3	127.3 126.1 124.8 123.5	8.6 8.4 8.2	65.0 64.0	127.5 127.0	8.6 8.6						
55.0 60.0 65.0 69.9	36.6 28.7	114.5 108.4 100.4	6.8 6.2 5.6	49.9 44.1 37.6	119.5 114.8 108.9	7.7 7.3 6.9	59.2 54.2 48.7	124.2 120.9 116.8	8.3 8.0 7.8	55.0	117.4	7.3			
70.0 71.0 75.0 77.0 80.0	17.8 16.7	88.4 87.2	5.1 3.7	29.9 19.7 15.8	90.0 85.6	6.6 6.1 4.1	36.1 28.1	111.8 105.6 97.4	7.5 7.2 7.0	54.9 49.5 43.7	117.3 113.3 108.5	7.3 7.0 6.3			
85.0 86.0 90.0 95.0 96.0							16.8 15.7	85.0 83.6	6.7 5.7	37.9 30.4 20.4 17.8	95.7 85.0 82.0	5.5 5.5 4.8 4.1 3.9			



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

		gulo de 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]
				65.0 ı						eza de p	lumín				
					Cab		lumín (1 1] Posici			umm					
20.4	78.0	137.9	9.6												
22.0	76.6	137.5	9.5												
24.0	75.0	136.9	9.1												
26.0	73.3	136.4	8.8												
28.0	71.6	135.7	8.6												
30.0	69.9	135.0	8.4												
32.0	68.1	134.2	8.2	73.0	135.7	8.6									
34.0	66.4	133.3	8.0	71.3	135.1	8.6									
36.0	64.6	132.4	7.9	69.6	134.3	8.4									
38.0	62.8	131.4	7.7	67.9	133.5	8.2									
40.0	61.0	130.3	7.6	66.1	132.7	8.1									
42.0	59.1	129.1	7.5	64.3	131.7	7.9									
44.0	57.2	127.8	7.3	62.5	130.7	7.8									
46.0	55.2	126.5	7.2	60.7	129.6	7.7									
48.0	53.2	125.0	7.1	58.8	128.4	7.5									
50.0	51.2	123.4	6.9	56.9	127.1	7.4									
50.2							65.0	130.2	7.7						
55.0	45.8	118.9	6.4	51.9	123.4	7.1	60.7	127.7	7.6						
60.0	39.8	113.3	5.8	46.6	119.0	6.8	55.9	124.5	7.3						
65.0	32.9	106.4	5.4	40.7	113.7	6.5	50.8	120.7	7.1						
70.0	24.3	97.0	4.9	33.9	107.0	6.3	45.4	116.2	6.9						
71.6										55.0	119.8	6.7			
74.0	16.3	87.6	3.6												
75.0				25.7	98.0	5.8	39.4	110.5	6.7	51.6	117.3	6.6			
80.0				15.4	86.0	4.2	32.4	103.5	6.5	46.2	112.8	6.0			
85.0							23.7	93.8	6.3	40.9	108.0	5.2			
89.0							15.3	84.0	5.0	24.0	404.4	4.5			
90.0										34.3	101.4	4.5			
95.0										26.2	92.7	3.8			
99.0										17.4	82.4	3.3			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				65.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 7	4.5 m Pli	eza de p umín	lumín				
21.0 22.0 24.0 26.0 28.0 30.0 32.0	78.0 77.2 75.6 74.0 72.4 70.7 69.1	140.8 140.6 140.1 139.5 138.9 138.2 137.4	8.8 8.8 8.4 8.1 7.9 7.8 7.6												
32.9 34.0 36.0 38.0 40.0	67.4 65.7 64.0 62.3	136.6 135.7 134.8 133.7	7.5 7.3 7.2 7.0	73.0 72.1 70.5 68.8 67.2	138.6 138.2 137.5 136.8 136.0	7.9 7.9 7.7 7.6 7.5									
42.0 44.0 46.0 48.0 50.0	60.5 58.7 56.8 55.0 53.0	132.6 131.4 130.1 128.7 127.2	6.9 6.8 6.7 6.6 6.5	65.5 63.7 62.0 60.2 58.4	135.1 134.1 133.0 131.9 130.7	7.3 7.2 7.1 7.0 6.8									
51.5 55.0 60.0 65.0 70.0	48.0 42.5 36.3 29.1	123.0 118.0 111.7 103.8	6.1 5.6 5.1 4.7	53.7 48.7 43.3 37.3	127.2 123.1 118.2 112.2	6.6 6.4 6.2 6.0	65.0 62.0 57.5 52.7 47.7	132.9 131.1 128.2 124.6 120.3	7.0 7.0 6.7 6.5 6.4						
73.3 75.0 77.0 80.0	19.5 16.0	92.4 88.0	4.2 3.6	30.2	104.5	5.7	42.1 35.9	115.2	6.3	55.0 53.4 48.4	122.3 121.1 116.9	6.2 6.2			
83.0 85.0 90.0 92.0				15.1	86.4	3.7	28.6 18.8 15.0	100.8 89.1 84.4	6.0 5.7 4.3	43.5 37.6	112.5 106.6	5.2 4.4			
95.0 100.0 102.0										30.6 21.8 17.0	99.1 88.7 82.9	3.8 3.2 2.9			



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 7	7.5 m Plı	eza de p umín	lumín				
21.6	78.0	143.7	7.9												
22.0	77.7	143.6	7.9												
24.0	76.2	143.2	7.7												
26.0	74.6	142.6	7.4												
28.0	73.1	142.0	7.2												
30.0	71.5	141.4	7.0												
32.0	69.9	140.6	6.9												
33.8				73.0	141.5	7.1									
34.0	68.3	139.9	6.8	72.8	141.4	7.1									
36.0	66.7	139.0	6.6	71.3	140.7	7.0									
38.0	65.1	138.1	6.5	69.7	140.0	6.9									
40.0	63.4 61.7	137.1	6.3	68.1	139.2	6.8 6.6									
42.0 44.0	60.0	136.0 134.9	6.2 6.1	66.5 64.8	138.4 137.4	6.5									
44.0	58.3	134.9	6.0	63.2	136.4	6.3									
48.0	56.5	132.4	5.9	61.5	135.4	6.2									
50.0	54.7	131.0	5.8	59.8	134.2	6.1									
52.8	34.7	131.0	3.6	39.0	134.2	0.1	65.0	135.6	6.3						
55.0	50.0	127.0	5.6	55.4	131.0	5.9	63.2	134.5	6.3						
60.0	44.9	122.4	5.2	50.7	127.1	5.7	58.9	131.7	6.0						
65.0	39.3	116.7	4.8	45.6	122.5	5.5	54.4	128.3	5.8						
70.0	32.9	109.7	4.5	40.1	117.0	5.3	49.7	124.4	5.7						
75.0	25.2	100.5	4.0	33.9	110.3	5.1	44.6	119.6	5.5						
75.1										55.0	124.7	5.4			
80.0	15.6	88.4	3.2	26.4	101.5	4.8	38.9	113.9	5.4	50.4	120.9	5.4			
85.0				15.9	88.2	4.6	32.5	106.8	5.3	45.3	116.3	4.8			
90.0							24.6	97.4	5.2	40.4	111.4	4.2			
94.0							15.8	86.2	5.1						
95.0										34.2	104.7	3.5			
100.0										26.9	96.1	2.9			
105.0										16.7	83.3	2.4			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa		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]
				65.0 ı		eza de p	al, Punto llumín (1 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
22.2 24.0 26.0 28.0 30.0 34.0 34.7 36.0 38.0 40.0 44.0 46.0 48.0	78.0 76.7 75.2 73.7 72.2 70.7 69.2 67.6 66.1 64.5 62.9 61.3 59.6 57.9	146.7 146.3 145.7 145.2 144.5 143.8 143.1 142.3 141.4 140.5 139.4 138.4 137.2 136.0	7.2 7.1 6.9 6.7 6.5 6.3 6.2 6.1 5.9 5.8 5.7 5.6 5.5 5.3	73.0 72.0 70.5 69.0 67.4 65.8 64.3 62.7	144.3 143.9 143.2 142.4 141.6 140.7 139.8 138.8	6.4 6.4 6.3 6.2 6.1 5.9 5.8 5.7									
50.0 54.0 55.0 60.0 65.0 70.0 75.0 76.8 80.0 83.0	56.2 51.8 47.0 41.9 36.1 29.5 20.9 15.3	134.6 130.9 126.6 121.4 115.1 107.1 96.3 88.8	5.2 5.0 4.8 4.5 4.2 3.9 3.4 2.8	56.8 52.4 47.7 42.6 37.0 30.5	137.7 134.6 131.0 126.7 121.6 115.5	5.6 5.3 5.1 4.9 4.7 4.6	65.0 64.2 60.2 55.9 51.5 46.7 41.5	138.4 137.9 135.2 132.0 128.3 123.9 118.6	5.6 5.6 5.4 5.2 5.1 4.9	55.0 52.1	127.2 124.8	4.8 4.8			
85.0 88.0 90.0 95.0 97.0 100.0 105.0 106.0				22.3 15.6	97.6 88.6	4.3 4.1	35.7 29.0 20.3 15.5	112.2 104.2 93.0 86.6	4.7 4.7 4.6 4.6	47.4 42.9 37.3 30.9 22.9 20.9	120.5 115.9 109.9 102.4 92.3 89.8	4.7 4.0 3.3 2.7 2.2 2.1			



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

		gulo de 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]
				65.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 8	3.5 m Pli	eza de p umín	lumín				
22.8	78.0	149.6	6.4												
24.0	77.2	149.3	6.4												
26.0	75.8	148.8	6.2												
28.0	74.3	148.3	6.1												
30.0	72.9	147.7	5.9												
32.0	71.4	147.0	5.8												
34.0	70.0	146.3	5.6												
35.6				73.0	147.2	5.8									
36.0	68.5	145.5	5.5	72.7	147.1	5.8									
38.0	67.0	144.7	5.4	71.2	146.4	5.7									
40.0	65.5	143.8	5.3	69.8	145.7	5.6									
42.0	64.0	142.8	5.1	68.3	144.9	5.5									
44.0	62.4	141.8	5.0	66.8	144.0	5.4									
46.0	60.8	140.7	5.0	65.3	143.1	5.2									
48.0	59.2	139.5	4.8	63.7	142.1	5.1									
50.0	57.6	138.2	4.7	62.2	141.1	5.0									
55.0	53.4	134.7	4.5	58.2	138.2	4.8									
55.3							65.0	141.1	5.0						
60.0	48.9	130.6	4.3	54.0	134.7	4.6	61.4	138.7	4.9						
65.0	44.2	125.8	4.1	49.6	130.7	4.4	57.3	135.6	4.7						
70.0	38.9	120.1	3.8	44.9	126.0	4.2	53.1	132.1	4.6						
75.0	33.0	113.0	3.6	39.7	120.4	4.1	48.6	128.0	4.4						
78.5										55.0	129.7	4.3			
80.0	25.9	104.0	3.2	33.9	113.6	3.9	43.8	123.1	4.3	53.7	128.6	4.3			
85.0	16.0	90.6	2.8	27.0	104.9	3.8	38.6	117.2	4.1	49.3	124.5	4.2			
86.0	15.1	89.2	2.5												
90.0				17.7	92.4	3.6	32.6	110.1	4.0	45.0	120.3	3.7			
91.0				15.3	89.0	3.5									
95.0							25.3	100.9	4.0	39.9	114.7	3.1			
100.0							15.2	87.0	4.0	34.2	108.0	2.5			
104.0										28.9	101.4	2.0			



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı		eza de p	lumín (1	916-1) 8	6.5 m Pl	eza de p umín	lumín				
ļ						43.0 [m	n] Posici	on midta	II (1916)						
23.5	78.0	152.5	5.8												
24.0	77.6	152.4	5.8 5.7												
26.0 28.0	76.3 74.9	151.9 151.4	5.7												
30.0	73.5	150.8	5.4												
32.0	72.1	150.8	5.3												
34.0	70.7	149.5	5.2										i		
36.0	69.3	148.7	5.1										i		
36.4	00.0	1	0	73.0	150.1	5.2									
38.0	67.8	147.9	5.0	71.9	149.6	5.2							İ		
40.0	66.4	147.1	4.8	70.5	148.9	5.1									
42.0	64.9	146.2	4.7	69.1	148.1	5.0									
44.0	63.4	145.2	4.6	67.6	147.3	4.9									
46.0	61.9	144.1	4.5	66.2	146.4	4.8									
48.0	60.4	143.0	4.5	64.7	145.5	4.7									
50.0	58.9	141.8	4.4	63.2	144.5	4.6									
55.0	54.9	138.5	4.1	59.4	141.7	4.4									
56.6							65.0	143.8	4.5						
60.0	50.7	134.6	4.0	55.4	138.4	4.2	62.5	142.1	4.5						
65.0 70.0	46.2	130.1 124.8	3.8	51.3 46.8	134.7 130.2	4.0 3.9	58.6 54.6	139.2 135.8	4.3						
70.0 75.0	41.3 36.0	124.8	3.5	46.8 42.1	130.2	3.9	54.6	135.8	4.1 4.0						
80.0	29.8	110.4	3.4	36.8	118.8	3.7	45.9	127.4	3.8				ł		
80.2	29.0	110.5	J. I	30.0	110.0	0.0	45.5	127.4	3.0	55.0	132.1	3.8	i		
85.0	22.0	100.0	2.7	30.7	111.2	3.4	41.0	122.0	3.7	51.0	128.5	3.8			
88.0	15.7	91.0	2.5			U. .			- U.	00		0.0			
90.0				23.3	101.2	3.2	35.6	115.5	3.6	46.5	124.0	3.5	ĺ		
94.0				16.6	91.6	2.6							j		
95.0							29.3	107.5	3.5	42.3	119.3	2.9			
100.0							21.4	96.8	3.4	37.0	113.2	2.3			
103.0							16.5	89.7	2.9	33.6	108.9	2.0			



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

	88° Án I	gulo de principa	pluma l		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				65.0 ı						eza de p	lumín				
					Cab		lumín (1 1] Posici			umin					
24.1	78.0	155.5	5.2												
26.0	76.7	155.0	5.1												
28.0	75.4	154.5	4.9												
30.0	74.1	154.0	4.8												
32.0	72.7	153.3	4.7												
34.0	71.4	152.7	4.6												
36.0	70.0	152.0	4.5												
37.3				73.0	152.9	4.6									
38.0	68.6	151.2	4.4	72.5	152.7	4.6									
40.0	67.2	150.4	4.2	71.2	152.0	4.5									
42.0	65.8	149.5	4.1	69.8	151.3	4.4									
44.0	64.4	148.5	4.0	68.4	150.5	4.3									
46.0	63.0	147.5	3.9	67.0	149.7	4.2									
48.0	61.5	146.4	3.8	65.6	148.8	4.1									
50.0	60.0	145.3	3.8	64.2	147.8	4.0									
55.0	56.2	142.1	3.6	60.6	145.2	3.8									
57.9							65.0	146.5	3.9						
60.0	52.2	138.5	3.4	56.8	142.1	3.6	63.5	145.5	3.9						
65.0	48.0	134.2	3.2	52.8	138.5	3.4	59.8	142.7	3.7						
70.0	43.5	129.3	3.0	48.6	134.3	3.3	56.0	139.5	3.5						
75.0	38.6	123.4	2.9	44.2	129.5	3.1	52.0	135.8	3.4						
80.0	33.0	116.3	2.7	39.3	123.8	3.0	47.7	131.5	3.3						
82.0										55.0	134.6	3.2			
85.0	26.5	107.4	2.4	33.8	116.9	2.8	43.2	126.5	3.1	52.6	132.3	3.2			
90.0				27.5	108.3	2.7	38.2	120.6	3.0	48.4	128.1	3.1			
95.0				19.2	96.5	2.5	32.6	113.4	2.9	44.3	123.7	2.7			
97.0				16.3	92.1	2.2									
100.0							26.0	104.4	2.8	39.5	118.1	2.1			
105.0							17.1	91.4	2.7						
106.0							16.2	90.1	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 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]
				65.0		eza de p	lumín (1	916-1) 9:	2.5 m Pl		lumín				
						49.0 [m	ı] Posici	ón midta	II (1916)						
24.7	78.0	158.4	4.6												
26.0	77.2	158.1	4.6												
28.0	75.9	157.6	4.5	•						•			<u> </u>		
30.0	74.6	157.1	4.3												
32.0	73.3	156.5	4.2												
34.0	72.0	155.8	4.1												
36.0	70.7	155.2	3.9												
38.0	69.4	154.4	3.9												
38.2				73.0	155.8	4.1									
40.0	68.0	153.6	3.7	71.8	155.2	4.0									
42.0	66.7	152.8	3.6	70.5	154.5	3.9									
44.0	65.3	151.8	3.5	69.2	153.8	3.8									
46.0	63.9	150.9	3.4	67.8	153.0	3.7									
48.0	62.5	149.8	3.4	66.5	152.1	3.6									
50.0	61.1	148.8	3.3	65.1	151.2	3.5									
55.0	57.5	145.7	3.1	61.6	148.6	3.3									
59.1							65.0	149.2	3.3						
60.0	53.7	142.2	2.9	58.0	145.7	3.1	64.4	148.8	3.3						
65.0	49.7	138.2	2.8	54.2	142.2	2.9	60.9	146.2	3.2						
70.0	45.4	133.6	2.6	50.3	138.3	2.8	57.2	143.1	3.1						
75.0	40.9	128.1	2.4	46.1	133.7	2.7	53.4	139.6	2.9						
80.0	35.8	121.7	2.3	41.5	128.4	2.5	49.4	135.5	2.8						
83.7				l						55.0	137.0	2.7			
85.0				36.6	122.2	2.4	45.2	130.8	2.7	54.0	136.1	2.7			
90.0				30.9	114.5	2.3	40.6	125.4	2.5	50.0	132.1	2.6			
95.0							35.5	118.9	2.5	45.8	127.5	2.4			
99.0							00.0		0.4	42.7	123.9	2.0			
100.0							29.6	110.9	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 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]
				65.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín				
25.3	78.0	161.3	4.2												
26.0	77.6	161.2	4.2												
28.0	76.4	160.7	4.2												
30.0	75.1	160.2	4.0												
32.0	73.9	159.6	3.9												
34.0	72.6	159.0	3.8												
36.0	71.3	158.3	3.7												
38.0	70.0	157.6	3.6												
39.1				73.0	158.7	3.7									
40.0	68.8	156.8	3.5	72.4	158.4	3.7									
42.0	67.4	156.0	3.4	71.1	157.7	3.7									
44.0	66.1	155.1	3.3	69.9	157.0	3.6									
46.0	64.8	154.2	3.2	68.6	156.2	3.5									
48.0	63.5	153.2	3.1	67.3	155.4	3.4									
50.0	62.1	152.2	3.1	65.9	154.5	3.3									
55.0	58.6	149.3	2.8	62.6	152.0	3.1									
60.0	55.0	146.0	2.6	59.1	149.2	2.9									
60.4							65.0	152.0	3.1						
65.0	51.2	142.1	2.4	55.5	145.9	2.7	61.9	149.6	3.0						
70.0				51.8	142.2	2.5	58.4	146.7	2.8						
75.0				47.8	137.9	2.3	54.8	143.3	2.6						
80.0							51.0	139.5	2.5						
85.0							46.9	135.0	2.3						
85.4										55.0	139.5	2.4			
90.0										51.5	136.0	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 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]
				68.0		eza de p	lumín (2	de carga 316-1) 3 ón midfa	8.5 m Pl		lumín				
13.5	78.0	108.6	36.3	1		10.0[11	l 1 00101		(2010)	ı					
14.0	77.3	108.5	36.3							i					
16.0	74.2	107.9	33.6												
18.0	71.1	107.3	29.9	i						i					
20.0	67.9	106.5	26.8	i						İ					
22.0	64.6	105.6	23.6												
22.7				73.0	107.1	29.3				İ					
24.0	61.2	104.5	21.4	71.0	106.7	28.8			İ	İ					
26.0	57.8	103.3	19.6	67.8	105.9	27.0									
28.0	54.1	101.9	18.1	64.6	105.0	25.4									
30.0	50.3	100.3	16.9	61.2	104.0	24.2									
32.0	46.3	98.5	15.8	57.7	102.7	22.4									
34.0	41.9	96.4	14.9	54.1	101.3	20.8				•					
36.0	37.2	93.9	14.0	50.3	99.7	19.6									
37.1							65.0	103.2	19.7						
38.0	31.8	90.9	13.3	46.2	97.9	18.3	63.5	102.8	19.7						
40.0	25.4	87.1	12.7	41.9	95.8	17.1	60.1	101.6	18.8						
42.0	16.9	81.7	12.0	37.1	93.3	16.1	56.6	100.4	17.9						
44.0				31.7	90.3	15.3	52.9	98.9	17.0						
46.0				25.3	86.5	14.5	49.0	97.3	16.3						
48.0				16.7	81.0	13.6	44.9	95.3	15.5						
50.0							40.5	93.1	14.9						
54.0										55.0	95.5	10.9			
55.0							26.7	85.3	13.6	53.3	94.8	11.6			
58.0							15.1	78.0	11.6						
60.0										43.2	90.2	10.4			
65.0										30.5	83.4	9.3			
69.0										16.2	74.5	7.9			



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0		eza de p	al, Punto Ilumín (2 n l Posici	316-1) 4	1.5 m Pl	eza de p umín	lumín		_		
14.2 16.0 18.0 20.0 22.0	78.0 75.4 72.5 69.6 66.6	111.5 111.1 110.5 109.7 108.9	33.5 32.1 28.9 25.8 23.0			13.0 [11	T T OSIGI		(2310)						
23.6 24.0 26.0 28.0 30.0	63.5 60.4 57.1 53.7	107.9 106.8 105.6 104.2	20.7 19.0 17.5 16.3	73.0 72.5 69.5 66.5 63.5	110.0 109.9 109.2 108.3 107.4	27.0 26.9 25.9 24.5 23.1									
32.0 34.0 36.0 38.0 38.3	50.2 46.4 42.4 38.1	102.6 100.7 98.6 96.2	15.4 14.4 13.6 12.8	60.3 57.0 53.7 50.1	106.3 105.0 103.6 102.0	22.0 20.4 19.0 17.9	65.0	105.9	18.0						
40.0 42.0 44.0 45.0 46.0	33.3 27.7 20.8 16.2	93.3 89.8 85.2 82.1	12.2 11.6 11.1 10.8	46.4 42.4 38.0 33.2	100.1 98.0 95.6 92.7	16.8 15.7 14.8	62.5 59.3 56.0 52.6	105.1 103.9 102.6 101.2	18.2 17.3 16.5						
48.0 50.0 51.0 55.0 55.7				27.6 20.6 16.1	89.2 84.6 81.4	13.3 12.6 12.2	49.0 45.2 34.2	99.5 97.6 91.4	15.1 14.4 13.1	55.0	98.0	10.2			
60.0 65.0 70.0 72.0							17.9	80.8	11.9	47.5 37.1 22.9 15.6	94.5 88.9 79.9 74.9	10.0 8.9 7.7 7.1			



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0	m Pluma Cab	principa eza de p	al, Punto olumín (2	de carga 316-1) 4	1 - Cab 4.5 m Pli	eza de p umín	lumín			-	
						22.0 [m	n] Posici	ón midfa	II (2316)						
14.8	78.0	114.4	31.5												
16.0	76.4	114.2	31.2												
18.0	73.7	113.6	28.5												
20.0	71.0	112.9	25.2												
22.0	68.2	112.2	22.8												
24.0	65.4	111.3	20.4												
24.5				73.0	112.9	25.4									
26.0	62.5	110.3	18.6	71.0	112.4	25.1									
28.0	59.6	109.1	17.2	68.2	111.6	23.8									
30.0	56.5	107.9	16.0	65.4	110.7	22.6	-								
32.0	53.4	106.4	15.0	62.5	109.7	21.5									
34.0 36.0	50.0 46.5	104.8 103.0	14.2 13.3	59.5 56.5	108.6 107.3	20.3 18.8									
38.0	42.8	100.0	12.6	53.3	107.3	17.6									
39.6	42.0	100.9	12.0	55.5	100.6	17.0	65.0	108.6	17.1						
40.0	38.8	98.5	11.9	50.0	104.2	16.7	64.5	108.5	17.6						
42.0	34.5	95.8	11.3	46.5	104.2	15.6	61.6	107.4	17.0						
44.0	29.5	92.5	10.8	42.8	100.3	14.7	58.6	106.2	16.3						
46.0	23.6	88.3	10.3	38.8	97.9	13.8	55.5	104.9	15.5				i		
48.0	15.6	82.5	9.8	34.4	95.2	13.1	52.3	103.4	14.8						
50.0				29.4	91.9	12.5	48.9	101.7	14.2						
54.0				15.5	81.8	11.2									
55.0							39.6	96.5	12.8						
57.4										55.0	100.4	9.6			
60.0							27.7	88.7	11.7	51.0	98.5	9.9			
63.0							17.3	81.2	11.0						
65.0										42.0	93.6	8.7			
70.0										30.3	86.3	7.5			
75.0										15.0	75.3	6.5			



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]
				68.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (2: I Posici	316-1) 4	7.5 m Plı	eza de p umín	lumín				
15.4	78.0	117.4	29.0												
16.0	77.3	117.2	29.0												
18.0	74.8	116.7	27.0												
20.0	72.3	116.1	24.3												
22.0	69.7	115.4	21.7												
24.0	67.1	114.6	19.7												
25.4				73.0	115.8	23.7									
26.0	64.4	113.6	18.0	72.2	115.5	23.6									
28.0	61.7	112.6	16.6	69.6	114.8	22.7									
30.0	58.9	111.4	15.5	67.0	114.0	21.7									
32.0	56.0	110.1	14.4	64.4	113.1	20.6									
34.0	53.0	108.7	13.5	61.7	112.0	19.7									
36.0	49.9	107.0	12.8	58.9	110.9	18.5									
38.0	46.7	105.2	12.1	56.0	109.5	17.2									
40.0	43.2	103.2	11.4	53.0	108.1	16.1									
40.9		400.0	40.0	40.0	400 5	45.0	65.0	111.4	16.4						
42.0	39.5 35.5	100.8 98.2	10.8	49.9 46.6	106.5 104.6	15.2	63.5	110.8 109.7	16.4						
44.0	35.5	98.2 95.0	10.3 9.8	46.6	104.6	14.3 13.4	60.8 58.0	109.7	15.7 15.0						
46.0 48.0	25.8	95.0	9.6	39.4	102.6	12.7	56.0 55.1	106.5	14.3						
50.0	19.3	86.2	8.9	35.4	97.6	12.7	52.0	107.2	13.6						
51.0	15.1	82.9	8.6	55.4	37.0	12.0	32.0	100.7	13.0						
55.0	15.1	02.3	0.0	22.7	88.3	10.6	43.8	101.0	12.2						
57.0				16.5	83.4	6.8	40.0	101.0	12.2						
59.1				. 5.0		2.0				55.0	102.9	8.9			
60.0							34.1	94.7	11.1	53.9	102.3	9.3			
65.0							20.6	84.8	10.2	45.9	98.0	8.3			
66.0							16.7	81.7	10.1						
70.0										36.2	91.9	7.1			
75.0										25.5	84.2	6.1			
77.0										18.9	79.1	5.7			



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

		gulo de orincipal			gulo de orincipa			gulo de 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]
				68.0 ı		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 5	0.5 m Pli	eza de p umín	lumín				
16.0	78.0	120.3	27.2												
18.0	75.7	119.8	26.3												
20.0	73.3	119.3	24.0												
22.0	70.9	118.6	21.2												
24.0	68.5	117.8	19.3												
26.0	66.0	117.0	17.7												
26.3				73.0	118.6	22.4									
28.0	63.5	116.0	16.3	70.9	118.0	22.0									
30.0	60.9	114.9	15.3	68.5	117.3	21.0									
32.0	58.3	113.7	14.2	66.0	116.4	20.1									
34.0	55.6	112.4	13.3	63.5	115.4	19.1									
36.0	52.8	110.9	12.5	60.9	114.3	18.4									
38.0	49.8	109.3	11.8	58.3	113.1	17.1									
40.0	46.7	107.4	11.2	55.5	111.8	15.9									
42.0	43.5	105.4	10.5	52.7	110.3	15.0	25.0	4444	44.0						
42.1	40.4	400.4	40.0	40.0	400 7		65.0	114.1	14.9 15.4						
44.0	40.1 36.3	103.1 100.5	10.0 9.5	49.8 46.7	108.7 106.9	14.1 13.3	62.7 60.1	113.2 112.0	15.4 14.7						
46.0 48.0	30.3	97.5	9.5	43.5	106.9	13.3	57.4	112.0	14.7						
50.0	27.6	94.0	8.7	40.0	104.6	11.8	54.7	10.8	13.3						
54.0	16.1	84.5	5.0	40.0	102.3	11.0	34.7	109.4	13.3						
55.0	10.1	04.5	3.0	29.9	95.2	10.4	47.3	105.3	12.0						
60.0				16.0	83.8	6.0	38.9	99.8	10.8						
60.8				10.0	00.0	0.0	50.9	33.0	10.0	55.0	105.3	8.4			
65.0							28.5	92.1	10.0	49.1	103.3	8.0			
69.0							16.2	82.1	9.3	.5.1		0.0			
70.0								J	0.0	40.7	96.8	6.8			
75.0										32.0	90.6	5.8			
80.0										18.3	79.6	4.9			



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

		gulo de 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]
				68.0 ı	m Pluma Cab	eza de p	II, Punto Iumín (2: I Posici	316-1) 5	3.5 m Plı	eza de p umín	lumín				
16.7	78.0	123.3	25.3												
18.0	76.5	122.9	25.2												
20.0	74.3	122.4	23.0												
22.0	72.1	121.8	20.7												
24.0	69.8	121.1	18.7												
26.0	67.5	120.2	17.1												
27.1				73.0	121.5	21.1									
28.0	65.1	119.3	15.8	72.0	121.2	21.0									
30.0	62.7	118.3	14.8	69.7	120.5	20.1									
32.0	60.3	117.2	13.9	67.4	119.7	19.3									
34.0	57.8	116.0	12.9	65.1	118.8	18.4									
36.0	55.2	114.6	12.1	62.7	117.8	17.7									
38.0	52.5	113.1	11.4	60.2	116.7	16.9									
40.0	49.7	111.5	10.8	57.7	115.4	15.7									
42.0	46.8	109.7	10.2	55.1	114.1	14.7									
43.4							65.0	116.8	14.1						
44.0	43.8	107.7	9.7	52.5	112.6	13.8	64.4	116.5	14.7						
46.0	40.6	105.4	9.1	49.7	110.9	13.1	61.9	115.5	14.4						
48.0	37.1 33.3	102.9	8.7	46.8 43.7	109.1 107.1	12.3	59.5 56.9	114.3 113.1	13.6						
50.0 55.0	21.4	100.0 90.1	8.3 7.4	35.2	107.1	11.6 10.1	50.9	109.3	13.1 11.7						
57.0	15.6	84.9	4.7	35.2	100.9	10.1	50.2	109.3	11.7						
60.0	15.6	04.9	4.7	24.2	91.9	9.0	42.8	104.5	10.5						
62.6				24.2	91.9	9.0	42.0	104.5	10.5	55.0	107.8	7.8			
63.0				15.5	84.2	6.5				33.0	107.0	7.0			
65.0				13.3	04.2	0.5	34.0	98.0	9.6	51.7	105.9	7.5			
70.0							22.5	88.5	8.9	45.1	103.9	6.4			
72.0							15.7	82.5	8.6	40.1	101.0	0.4			
75.0							l	02.0	0.0	36.9	96.0	5.4			
80.0										26.5	87.7	4.5			
83.0										17.7	80.1	4.0			



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

Altura Carga Car			gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (2316-1) 56.5 m Plumín 22.0 [m] Posición midfall (2316) 17.3	ce	o de plumín	de rolda- nas		o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]
18.0 77.3 126.0 23.8 20.0 75.2 125.5 22.4 20.5 22.0 73.0 124.9 20.5 24.0 70.9 124.2 18.3 28.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 64.3 121.7 14.4 70.9 123.7 19.6 32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 17.0 38.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 57.3 118.3 10.0 50.2 117.7 14.6 44.0 49.6 113.7 10.0 57.2 117.7 14.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.0 14.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0					68.0 i	m Pluma Cab	eza de p	lumín (2	316-1) 5	6.5 m Pl	eza de p umín	lumín		_		
20.0	17.3	78.0	126.2	23.8												
22.0 73.0 124.9 20.5 24.0 70.9 124.2 18.3 26.0 68.7 123.5 16.8 28.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 64.3 121.7 14.4 70.9 123.7 19.6 32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 55.0 28.3 97.3 7.2	18.0	77.3	126.0	23.8												
24.0 70.9 124.2 18.3 26.0 68.7 123.5 16.8 28.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 64.3 121.7 14.4 70.9 123.7 19.6 32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 48.6 113.7 10.0 57.2 117.7 14.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5	20.0	75.2	125.5	22.4												
26.0 68.7 123.5 16.8 28.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 66.5 122.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 38.0 57.3 118.3 11.9 64.3 121.1 17.1 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4	22.0															
28.0 66.5 122.6 15.5 73.0 124.4 20.1 30.0 64.3 121.7 14.4 70.9 123.7 19.6 32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 119.5 14.0 48.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 44.0 109.9 8.5 49.6 113.2 12.2 61.3 117.8 13.9 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 <td>24.0</td> <td>70.9</td> <td>124.2</td> <td>18.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	24.0	70.9	124.2	18.3												
30.0 64.3 121.7 14.4 70.9 123.7 19.6 32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 55.0 110.3 7.3 65.0 66.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 70.0 17.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 70.0 75.0 84.6 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 82.9 7.9 40.8 100.8 5.3 82.9 7.9 40.8 100.8 5.3 82.9 7.9 40.8 100.8 5.3 82.9 7.9 40.8 100.8 5.3 82.9 7.9 40.8 100.8 5.3 82.9 9.9 40.8 100.8 5.3 82.9 93.9 4.4	26.0	68.7	123.5	16.8												
32.0 62.0 120.7 13.5 68.7 122.9 18.7 34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.7 46.9 111.9 9.5 54.8 116.3 13.6 48.0 41.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 65.0 15.0 84.6																
34.0 59.7 119.5 12.7 66.5 122.1 17.9 36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 65.0 15.0 84.6 6.3 7.7 38.4 103.2 9.4 54.3 109.8																
36.0 57.3 118.3 11.9 64.3 121.1 17.1 38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 65.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 70.0 15.0 84.6 6.3 7.9 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							-									
38.0 54.8 116.9 11.2 62.0 120.1 16.4 40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 66.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0																
40.0 52.3 115.4 10.5 59.6 119.0 15.6 42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 65.0 15.0 84.6 6.3 9.4 54.3 109.8 7.4 66.0 70.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
42.0 49.6 113.7 10.0 57.2 117.7 14.6 44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 66.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 55.0 110.3 7.3 65.0 66.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 70.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 80.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
44.0 46.9 111.9 9.5 54.8 116.3 13.6 44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 15.3 32.2 93.9 4.4																
44.7 46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.9 48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 15.3 32.2 93.9 4.4					-											
46.0 44.0 109.9 8.9 52.2 114.8 12.9 63.6 118.9 13.4 13.4 13.4 13.4 13.4 13.6 13.8		46.9	111.9	9.5	54.8	116.3	13.6									
48.0 41.0 107.7 8.5 49.6 113.2 12.2 61.3 117.8 13.4 50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 55.0 110.3 7.3 65.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4																
50.0 37.8 105.2 8.0 46.9 111.3 11.5 58.9 116.6 12.8 55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 64.3 55.0 110.3 7.3 65.0 15.0 84.6 6.3 70.0 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4																
55.0 28.3 97.3 7.2 39.4 105.9 10.0 52.7 113.2 11.4 11.3 11.4 11.3 11.4 11.3 11.4 11.3 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
60.0 15.2 85.3 4.4 30.4 98.6 8.8 46.0 108.8 10.3 55.0 110.3 7.3 64.3 65.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4										-						
64.3 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4																
65.0 17.6 87.0 7.7 38.4 103.2 9.4 54.3 109.8 7.4 66.0 15.0 84.6 6.3 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4		15.2	85.3	4.4	30.4	98.6	8.8	46.0	108.8	10.3						
66.0 15.0 84.6 6.3 70.0 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4																
70.0 29.1 95.5 8.7 47.4 105.5 6.3 75.0 15.3 82.9 7.9 40.8 100.8 5.3 80.0 32.2 93.9 4.4								38.4	103.2	9.4	54.3	109.8	7.4			
75.0 80.0 15.3 82.9 7.9 40.8 100.8 5.3 32.2 93.9 4.4					15.0	84.6	6.3	00.4	05.5	0.7	47.4	405.5	0.0			
80.0 32.2 93.9 4.4																
								15.3	82.9	7.9						
86.0 17.3 80.5 3.5																



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

		gulo de orincipal		83° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0 r	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	2.5 m Plı	eza de p umín	lumín				
12.3	78.0	102.7	32.8												
13.0	76.7	102.5	32.7												
14.0	74.9	102.3	31.8												
16.0	71.2	101.6	30.2												
18.0	67.4	100.8	28.5												
20.0	63.5	99.9	26.3												
21.0				73.0	101.4	28.6									
22.0	59.4	98.7	24.3	71.1	101.1	28.4									
24.0 26.0	55.2 50.7	97.4 95.8	22.1 20.3	67.3 63.4	100.3 99.3	27.4 26.3									
28.0	45.9	94.0	19.0	59.4	98.2	25.2									
30.0	40.7	91.8	17.7	55.1	96.8	23.2									
32.0	34.8	89.1	16.7	50.6	95.3	22.9									
34.0	27.8	85.7	15.9	45.8	93.4	21.3									
34.5							65.0	97.8	22.2						
36.0	18.5	80.8	15.0	40.6	91.2	19.9	62.2	97.0	22.1						
38.0				34.7	88.5	18.8	58.1	95.8	21.0						
40.0				27.7	85.1	17.8	53.8	94.4	20.0						
42.0				18.3	80.2	16.7	49.2	92.8	19.2						
44.0							44.3	90.8	18.3						
46.0							38.9	88.5	17.5						
48.0							32.7	85.6	16.9						
50.0							25.2	81.9	16.3						
50.5										55.0	90.6	13.3			
52.0							16.5	77.2	14.3	44.0	20.0	10.0			
55.0										44.8	86.8	12.9			
60.0 63.0										29.9 15.6	80.0 72.5	11.9 11.3			
77.6										0.01	12.5	11.3	35.0	68.5	3.2
80.0													28.8	65.5	2.9
82.0													19.8	60.9	2.7



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

		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]
				68.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín				
12.9	78.0	105.6	29.7												
13.0	77.9	105.6	29.7												
14.0	76.2	105.4	29.5												
16.0	72.8	104.8	28.0												
18.0	69.4	104.1	26.6												
20.0	65.9	103.2	24.8												
21.9	00.0	400.0	00.0	73.0	104.3	25.9									
22.0	62.3 58.5	102.2 101.0	23.3 21.6	72.8 69.3	104.2 103.5	25.9 25.2									
24.0 26.0	56.5 54.6	99.7	19.9	65.8	103.5	25.2									
28.0	50.5	98.1	18.6	62.2	102.7	23.4									
30.0	46.1	96.1	17.4	58.5	101.6	22.4									
32.0	41.4	94.1	16.4	54.6	99.1	21.4									
34.0	36.1	91.5	15.5	50.4	97.5	20.6									
35.8							65.0	100.5	20.9						
36.0	30.1	88.3	14.7	46.0	95.7	19.4	64.7	100.4	21.2						
38.0	22.5	84.1	14.0	41.3	93.5	18.3	61.1	99.3	20.6						
39.0	17.6	81.3	13.6												
40.0				36.0	90.9	17.4	57.3	98.1	19.7						
42.0				29.9	87.7	16.5	53.3	96.7	18.7						
44.0				22.4	83.5	15.7	49.1	95.0	18.0						
45.0				17.4	80.6	15.2									
46.0							44.6	93.1	17.2						
48.0							39.7	90.8	16.5						
50.0							34.3	88.1	15.9			10.0			
52.2							45.5		40.0	55.0	93.1	12.6			
55.0							15.7	77.6	12.8	49.5	91.0 85.5	12.7			
60.0 65.0										37.6 20.5	85.5 76.2	11.6 10.8			
66.0										20.5 16.9	76.2	9.7			
80.1										10.8	74.1	9.1	35.0	70.3	2.5
85.0													18.9	61.4	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]
				68.0 r	m Pluma Cab	eza de p	lumin (1	916-1) 3	8.5 m Pli	eza de p umín	lumín				
L						19.0 [m	Posici	on midta	II (1916)						
13.5	78.0	108.6	27.2												
14.0	77.3	108.5	27.2												
16.0	74.2	107.9	26.0												
18.0	71.1	107.3	24.5												
20.0	67.9	106.5	23.3												
22.0	64.6	105.6	21.9	70.0	407.4	00.5									
22.7 24.0	61.2	104.5	20.9	73.0 71.0	107.1 106.7	23.5 23.3									
24.0 26.0	57.8	104.5	20.9 19.4	67.8	106.7	23.3									
28.0	54.1	103.3	18.1	64.6	105.9	21.6									
30.0	50.3	100.3	17.2	61.2	103.0	21.0									
32.0	46.3	98.5	16.1	57.7	102.7	20.1									
34.0	41.9	96.4	15.2	54.1	101.3	19.3							i		
36.0	37.2	93.9	14.3	50.3	99.7	18.7							i		
37.1							65.0	103.2	20.0						
38.0	31.8	90.9	13.7	46.2	97.9	17.7	63.5	102.8	20.0						
40.0	25.4	87.1	13.1	41.9	95.8	16.9	60.1	101.6	19.2						
42.0	16.9	81.7	12.4	37.1	93.3	16.2	56.6	100.4	18.4						
44.0				31.7	90.3	15.5	52.9	98.9	17.5						
46.0				25.3	86.5	14.7	49.0	97.3	16.9						
48.0				16.7	81.0	13.9	44.9	95.3	16.2						
50.0							40.5	93.1	15.5						
54.0										55.0	95.5	11.9			
55.0							26.7	85.3	14.3	53.3	94.8	12.5			
58.0							15.1	78.0	11.2						
60.0										43.2	90.2	11.3			
65.0										30.5	83.4	10.5			
69.0 82.5										16.2	74.5	9.0	35.0	72.0	2.2
84.0													32.5	72.0	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]
				68.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	1.5 m Pli	eza de p umín	lumín				
14.2 16.0 18.0 20.0 22.0	78.0 75.4 72.5 69.6 66.6	111.5 111.1 110.5 109.7 108.9	24.2 23.5 22.3 21.1 19.9												
23.6 24.0 26.0 28.0 30.0	63.5 60.4 57.1 53.7	107.9 106.8 105.6 104.2	18.9 18.0 17.0 16.1	73.0 72.5 69.5 66.5 63.5	110.0 109.9 109.2 108.3 107.4	20.9 20.8 20.3 19.6 18.9									
32.0 34.0 36.0 38.0 38.3	50.2 46.4 42.4 38.1	102.6 100.7 98.6 96.2	15.4 14.6 13.8 13.1	60.3 57.0 53.7 50.1	106.3 105.0 103.6 102.0	18.3 17.5 16.8 16.2	65.0	105.9	18.0						
40.0 42.0 44.0 45.0 46.0	33.3 27.7 20.8 16.2	93.3 89.8 85.2 82.1	12.5 11.9 11.4 11.1	46.4 42.4 38.0 33.2	100.1 98.0 95.6 92.7	15.5 14.8 14.2	62.5 59.3 56.0 52.6	105.1 103.9 102.6 101.2	18.2 17.4 16.7						
48.0 50.0 51.0 55.0 55.7				27.6 20.6 16.1	89.2 84.6 81.4	13.0 12.4 12.1	49.0 45.2 34.2	99.5 97.6 91.4	15.5 14.9 13.6	55.0	98.0	11.3			
60.0 65.0 70.0 72.0							17.9	80.8	12.4	47.5 37.1 22.9 15.6	94.5 88.9 79.9 74.9	11.0 10.1 9.4 8.3			



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

		gulo de 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]
				68.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	4.5 m Pl	eza de p umín	lumín		_		
14.8	78.0	114.4	22.1												
16.0	76.4	114.2	21.9												
18.0	73.7	113.6	20.8												
20.0	71.0	112.9	19.6												
22.0	68.2	112.2	18.7												
24.0	65.4	111.3	17.7												
24.5				73.0	112.9	19.0									
26.0	62.5	110.3	16.8	71.0	112.4	18.9									
28.0	59.6	109.1	16.1	68.2	111.6	18.3									
30.0	56.5	107.9	15.4	65.4	110.7	17.6									
32.0	53.4	106.4	14.7	62.5	109.7	17.0									
34.0	50.0	104.8	14.2	59.5	108.6	16.3									
36.0	46.5	103.0	13.5	56.5	107.3	15.6									
38.0	42.8	100.9	12.8	53.3	105.8	15.1	05.0	400.0	40.5						
39.6	38.8	00.5	40.4	50.0	104.2	44.0	65.0	108.6 108.5	16.5 17.1						
40.0	38.8	98.5	12.1 11.6	50.0 46.5	104.2	14.6	64.5	108.5	16.8						
42.0	29.5	95.8	11.6	46.5 42.8	102.4	13.9	61.6	107.4	16.8						
44.0 46.0	29.5	92.5 88.3	10.7	42.8 38.8	97.9	13.3 12.8	58.6 55.5	106.2	15.5						
48.0	15.6	82.5	10.7	34.4	95.2	12.3	52.3	104.9	14.9						
50.0	15.0	02.3	10.2	29.4	91.9	11.8	48.9	103.4	14.5						
54.0				15.5	81.8	10.7	40.9	101.7	14.5						
55.0				15.5	01.0	10.7	39.6	96.5	13.1						
57.4							35.0	90.5	13.1	55.0	100.4	10.7			
60.0							27.7	88.7	12.0	51.0	98.5	10.7			
63.0							17.3	81.2	11.3	31.0	30.0	10.0			
65.0							17.5	01.2	11.0	42.0	93.6	9.8			
70.0										30.9	86.7	9.1			
75.0										15.0	75.3	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 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]
				68.0 ı		eza de p	II, Punto Iumín (19	916-1) 4	7.5 m Pli		lumín				
						28.0 [m	ı] Posici	ón midfa	II (1916)						
15.4	78.0	117.4	20.1												
16.0	77.3	117.2	20.1												
18.0	74.8	116.7	19.3												
20.0	72.3 69.7	116.1 115.4	18.5 17.7												
22.0 24.0	67.1	115.4	17.7												
25.4	07.1	114.0	17.0	73.0	115.8	17.6									
26.0	64.4	113.6	16.4	72.2	115.5	17.5									
28.0	61.7	112.6	15.9	69.6	114.8	17.2									
30.0	58.9	111.4	15.1	67.0	114.0	16.9									
32.0	56.0	110.1	14.4	64.4	113.1	16.4									
34.0	53.0	108.7	13.7	61.7	112.0	16.0									
36.0	49.9	107.0	13.2	58.9	110.9	15.5									
38.0	46.7	105.2	12.5	56.0	109.5	15.1									
40.0	43.2	103.2	11.9	53.0	108.1	14.6									
40.9							65.0	111.4	16.1						
42.0	39.5	100.8	11.3	49.9	106.5	14.3	63.5	110.8	16.1						
44.0	35.5	98.2	10.8	46.6	104.6	13.6	60.8	109.7	15.8						
46.0	31.0	95.0	10.4	43.1	102.6	13.0	58.0	108.5	15.4						
48.0 50.0	25.8 19.3	91.2 86.2	9.9 9.5	39.4 35.4	100.2 97.6	12.5 12.0	55.1 52.0	107.2 105.7	14.8 14.3						
51.0	15.1	82.9	9.5	35.4	97.0	12.0	52.0	105.7	14.3						
55.0	15.1	02.9	9.5	22.7	88.3	10.8	43.8	101.0	13.0						
57.0				16.5	83.4	7.2	43.0	101.0	15.0						
59.1										55.0	102.9	10.2			
60.0							34.1	94.7	12.0	53.9	102.3	10.4			
65.0							20.6	84.8	11.0	45.9	98.0	9.7			
66.0							16.7	81.7	10.8						
70.0										36.6	92.2	8.9			
75.0										23.7	82.8	8.0			
77.0										16.3	77.1	7.6			



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

		gulo de 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]
				68.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín				
16.0	78.0	120.3	18.4												
18.0	75.7	119.8	18.1												
20.0	73.3	119.3	17.4												
22.0	70.9	118.6	16.7												
24.0	68.5	117.8	16.2												
26.0	66.0	117.0	15.7												
26.3				73.0	118.6	16.3									
28.0	63.5	116.0	15.4	70.9	118.0	16.2									
30.0	60.9	114.9	15.1	68.5	117.3	16.0									
32.0	58.3	113.7	14.3	66.0	116.4	15.8									
34.0	55.6	112.4	13.5	63.5	115.4	15.5									
36.0	52.8	110.9	12.9	60.9	114.3	15.3									
38.0	49.8	109.3	12.4	58.3	113.1	14.9									
40.0	46.7	107.4	11.7	55.5	111.8	14.6									
42.0	43.5	105.4	11.1	52.7	110.3	14.3									
42.1							65.0	114.1	14.7						
44.0	40.1	103.1	10.6	49.8	108.7	14.0	62.7	113.2	15.2						
46.0	36.3	100.5	10.1	46.7	106.9	13.3	60.1	112.0	15.0						
48.0 50.0	32.2 27.6	97.5 94.0	9.7	43.5 40.0	104.8 102.5	12.7 12.2	57.4 54.7	110.8 109.4	14.7 14.1						
54.0	16.1	94.0 84.5	9.3 5.5	40.0	102.5	12.2	54.7	109.4	14.1						
	10.1	04.5	5.5	20.0	95.2	11.0	47.3	105.3	12.9						
55.0 60.0				29.9 16.0	95.2 83.8	6.3	47.3 38.9	99.8	12.9						
60.8				10.0	03.0	0.3	36.9	99.6	11.0	55.0	105.3	9.6			
65.0							28.5	92.1	11.0	49.1	103.3	9.6			
69.0							16.2	82.1	10.3	43.1	102.1	J.4			
70.0							10.2	02.1	10.3	41.0	97.0	8.7			
75.0										31.3	90.0	8.0			
80.0										17.0	78.5	7.1			



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

		gulo de orincipal			gulo de orincipa		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]
				68.0 ו		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	3.5 m Pli	eza de p umín	lumín				
16.7	78.0	123.3	16.3												
18.0	76.6	122.9	16.2												
20.0	74.3	122.4	15.5												
22.0	72.1	121.8	14.9												
24.0	69.8	121.0	14.4												
26.0	67.4	120.2	14.0												
27.2				73.0	121.5	14.4									
28.0	65.1	119.3	13.6	72.0	121.2	14.4									
30.0	62.7	118.3	13.4	69.7	120.5	14.2									
32.0 34.0	60.2 57.6	117.2 115.9	13.0 12.4	67.4 65.0	119.7 118.8	14.0 13.7									
34.0 36.0	55.0	115.9	11.9	62.6	117.7	13.7									
38.0	52.3	113.0	11.5	60.1	116.6	13.3									
40.0	49.5	111.4	11.1	57.6	115.4	13.0									
42.0	46.6	109.5	10.5	55.0	114.0	12.7									
43.4	10.0	100.0	10.0	00.0			65.0	116.8	13.4						
44.0	43.5	107.5	10.0	52.3	112.5	12.5	64.3	116.5	13.4						
46.0	40.2	105.2	9.5	49.5	110.8	12.2	61.9	115.5	13.3						
48.0	36.7	102.6	9.1	46.5	108.9	11.8	59.4	114.3	13.1						
50.0	32.8	99.6	8.7	43.4	106.9	11.3	56.8	113.0	12.9						
55.0	20.5	89.3	7.9	34.8	100.5	10.5	50.0	109.2	12.2						
57.0	15.6	84.9	5.2												
60.0				23.4	91.2	9.4	42.5	104.2	11.2						
62.6										55.0	107.8	9.1			
63.0				15.5	84.2	5.7		07.0	10.1	-1-	105.0	0.0			
65.0							33.6	97.6	10.4	51.7	105.9	9.0			
70.0 72.0							21.6 17.0	87.7 83.7	9.7 7.7	44.4	101.3	8.2			
72.0 75.0							17.0	63.7	1.1	35.9	95.2	7.6			
80.0										25.0	95.2 86.4	6.8			
83.0										17.7	80.1	6.3			



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

		gulo de principa			gulo de orincipa			gulo de 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]
				68.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 5	6.5 m Plı	eza de p umín	lumín				
17.3	78.0	126.2	14.8												
18.0	77.3	126.0	14.8												
20.0	75.2	125.5	14.3												
22.0	73.1	124.9	13.8												
24.0	70.9	124.2	13.4												
26.0	68.7	123.5	13.0												
28.0	66.5	122.6	12.7	73.0	124.4	13.3									
30.0	64.2	121.7	12.4	70.9	123.7	13.2									
32.0	61.9	120.6	12.2	68.7	122.9	13.0									
34.0	59.6	119.5	11.8	66.5	122.1	12.8									
36.0	57.2	118.2	11.4	64.2	121.1 120.1	12.5									
38.0 40.0	54.7 52.1	116.8 115.3	11.0 10.6	61.9 59.5	120.1 118.9	12.3 12.1									
40.0 42.0	49.4	115.3	10.6	59.5 57.1	118.9	12.1									
44.0	49.4	111.8	9.8	57.1 54.6	117.6	11.9									
44.7	40.7	111.0	9.0	34.0	110.2	11.7	65.0	119.5	12.3						
46.0	43.8	109.7	9.3	52.1	114.7	11.5	63.5	118.9	12.3						
48.0	40.7	109.7	8.9	49.4	113.0	11.3	61.2	117.8	12.3						
50.0	37.4	107.4	8.5	46.6	111.2	10.9	58.8	116.6	12.2						
55.0	27.7	96.8	7.7	39.0	105.6	10.3	52.6	113.1	11.6						
60.0	15.2	85.3	5.0	29.8	98.1	9.2	45.7	108.6	10.9						
64.3	10.2	00.0	0.0	20.0	00.1	0.2	40.7	100.0	10.0	55.0	110.3	8.6			
65.0				16.5	86.0	8.2	38.0	102.9	10.1	54.1	109.7	8.6			
66.0				15.0	84.6	5.1									
70.0							28.5	95.0	9.5	47.4	105.5	8.0			
75.0							16.5	84.1	6.8	40.0	100.2	7.4			
80.0										31.0	92.9	6.6			
85.0										20.5	83.5	5.8			
86.0										17.3	80.5	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			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]
				68.0 r		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 5	9.5 m Pli	eza de p umín	lumín				
18.0	78.0	129.1	13.5												
20.0	76.0	128.6	13.2												
22.0	74.0	128.1	12.7												
24.0	71.9	127.4	12.3												
26.0	69.9	126.7	11.9												
28.0	67.8	125.9	11.6												
28.9				73.0	127.2	12.1									
30.0	65.6	125.0	11.4	71.9	126.9	12.1									
32.0	63.5 61.3	124.0 123.0	11.2 11.0	69.8	126.1 125.3	11.9 11.7									
34.0 36.0	59.0	123.0	10.7	67.7 65.6	125.3	11.7									
38.0	56.7	121.6	10.7	63.4	123.5	11.3									
40.0	54.4	119.1	10.0	61.2	123.3	11.1									
42.0	51.9	117.5	9.8	59.0	121.2	10.9									
44.0	49.4	115.8	9.5	56.7	119.9	10.7									
45.9							65.0	122.2	11.1						
46.0	46.7	114.0	9.1	54.3	118.5	10.5	64.9	122.2	11.1						
48.0	44.0	112.0	8.6	51.9	117.0	10.4	62.8	121.2	11.1						
50.0	41.1	109.7	8.2	49.3	115.3	10.2	60.6	120.1	10.9						
55.0	32.9	102.9	7.4	42.5	110.3	9.5	54.8	116.8	10.6						
60.0	22.2	93.0	6.7	34.6	103.9	9.0	48.5	112.8	10.3						
62.0	16.2	87.1	6.4												
65.0				24.6	94.8	8.1	41.6	107.6	9.7						
66.0										55.0	112.7	8.1			
68.0				16.0	86.4	7.6		101.0	0.0	50.4	100.0	7.0			
70.0							33.6	101.0	9.2	50.1	109.6	7.8			
75.0 78.0							23.1 16.1	91.4 84.5	8.5 6.5	43.4	104.7	7.2			
78.0 80.0							10.1	04.5	0.5	35.6	98.5	6.3			
85.0										27.3	91.1	5.6			
89.0										16.8	81.0	4.9			



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

		gulo de orincipal			gulo de orincipa		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]
				68.0 ו		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 6	2.5 m Pl	eza de p umín	lumín				
18.6	78.0	132.1	12.3												
20.0	76.7	131.7	12.3												
22.0	74.7	131.2	11.8										•		
24.0	72.8	130.6	11.4												
26.0	70.9	129.9	11.0												
28.0	68.9	129.1	10.8												
29.8				73.0	130.1	11.1									
30.0	66.9	128.3	10.5	72.8	130.0	11.1									
32.0	64.9	127.4	10.3	70.8	129.3	11.0									
34.0 36.0	62.8 60.7	126.4 125.3	10.1 9.9	68.9 66.9	128.6 127.7	10.8 10.6									
38.0	58.5	125.3	9.9	64.8	127.7	10.6									
40.0	56.3	124.1	9.7	62.8	125.8	10.4							ł		
42.0	54.1	121.3	9.2	60.7	123.6	10.2									
44.0	51.7	119.8	9.1	58.5	123.5	9.8									
46.0	49.3	118.1	8.8	56.3	122.2	9.7									
47.2	10.0		0.0	00.0		0.7	65.0	124.9	10.1						
48.0	46.8	116.2	8.4	54.0	120.7	9.5	64.2	124.6	10.1						
50.0	44.2	114.2	8.0	51.7	119.2	9.4	62.1	123.5	10.0				İ		
55.0	37.0	108.2	7.2	45.5	114.7	9.0	56.7	120.5	9.7						
60.0	28.4	100.2	6.5	38.5	109.0	8.6	51.0	116.7	9.5						
65.0	15.8	87.5	5.9	30.2	101.5	8.0	44.7	112.1	9.1						
67.7										55.0	115.2	7.6			
70.0				18.8	90.2	7.1	37.6	106.2	8.8	52.4	113.5	7.6			
71.0				15.6	86.8	7.0									
75.0							29.0	98.4	8.3	46.2	109.1	7.0			
80.0							16.9	86.2	7.7	39.4	103.5	6.2			
81.0							15.7	84.9	6.2			- 1	l		
85.0										32.3	97.2	5.4			
90.0										22.1	87.3	4.7			
92.0										16.4	81.4	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 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]
				68.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
19.2	78.0	135.0	11.3												
20.0	77.3	134.8	11.3												
22.0	75.5	134.3	10.9												
24.0	73.6	133.7	10.5												
26.0	71.8	133.1	10.2												
28.0	69.9	132.4	10.0												
30.0	68.0	131.6	9.7												
30.7				73.0	133.0	10.1									
32.0	66.1	130.7	9.5	71.8	132.5	10.1									
34.0	64.1	129.7	9.3	69.9	131.8	9.9									
36.0	62.2	128.7	9.2	68.0	131.0	9.8									
38.0	60.1	127.6	9.0	66.1	130.1	9.6									
40.0	58.1 56.0	126.3	8.8	64.1	129.2 128.1	9.4 9.2									
42.0 44.0	53.8	125.0 123.6	8.6 8.4	62.1 60.1	126.1	9.2									
46.0	51.6	123.6	8.2	58.0	127.0	8.9									
48.0	49.3	120.3	8.0	55.9	123.6	8.7									
48.5	45.5	120.5	0.0	33.8	124.4	0.7	65.0	127.7	9.2						
50.0	46.9	118.5	7.7	53.8	123.0	8.6	63.5	126.9	9.2						
55.0	40.4	113.1	6.9	48.0	118.8	8.2	58.4	124.1	8.9						
60.0	33.0	106.2	6.2	41.8	113.7	7.8	53.1	120.6	8.6						
65.0	23.5	96.7	5.7	34.5	107.2	7.5	47.3	116.3	8.4						
68.0	15.4	87.9	5.3												
69.5										55.0	117.6	7.2			
70.0				25.6	98.3	6.8	40.9	111.0	8.0	54.4	117.2	7.2			
74.0				15.3	87.2	6.3									
75.0							33.6	104.3	7.8	48.7	113.2	6.8			
80.0							24.3	95.0	7.3	42.5	108.2	5.9			
84.0							15.3	85.3	5.8						
85.0										36.3	102.6	5.2			
90.0										27.9	94.5	4.4			
95.0										16.0	81.8	3.8			



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

		gulo de principa		83° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 6	8.5 m Pli	eza de p umín	lumín				
19.8 20.0 22.0 24.0 26.0 28.0	78.0 77.9 76.1 74.4 72.6 70.8	137.9 137.9 137.4 136.9 136.2	10.3 10.3 10.1 9.8 9.5												
30.0 31.5 32.0 34.0 36.0	69.0 67.2 65.4 63.5	134.8 134.0 133.1 132.1	9.1 8.9 8.7 8.5	73.0 72.6 70.8 69.0	135.8 135.7 135.0 134.2	9.3 9.3 9.2 9.0									
38.0 40.0 42.0 44.0	61.6 59.6 57.7 55.6	131.0 129.9 128.6 127.3	8.3 8.2 8.0 7.8	67.2 65.3 63.5 61.6	133.4 132.5 131.5 130.5	8.9 8.7 8.5 8.4									
46.0 48.0 49.8 50.0 55.0	53.6 51.4 49.2 43.3	125.8 124.2 122.5 117.7	7.7 7.5 7.4 6.6	59.6 57.6 55.6 50.3	129.3 128.1 126.7 122.8	8.3 8.1 7.9 7.6	65.0 64.8 60.0	130.4 130.3 127.6	8.4 8.4 8.2						
60.0 65.0 70.0 71.0 71.2	36.7 28.9 18.1 15.0	111.6 103.6 91.7 88.3	6.0 5.5 4.9 4.8	44.5 38.1 30.5	118.1 112.3 104.8	7.2 6.8 6.4	55.0 49.6 43.8	124.3 120.4 115.5	7.9 7.7 7.4	55.0	120.1	6.7			
75.0 77.0 80.0 85.0 86.0				20.6 16.9	94.1 89.9	6.0 4.1	37.2 29.5 19.0 16.2	109.5 101.8 90.3 87.1	7.1 6.9 6.6 6.5	50.9 45.2 39.6	117.1 112.5 107.5	6.6 5.7 5.0			
90.0 95.0 98.0										32.4 23.3 15.6	100.5 90.9 82.2	4.3 3.6 3.2			



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

Altura Carga Car			gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916) 20.5 78.0 140.9 9.4 9.3 240 75.1 140.0 9.0 260 73.4 139.4 8.7 280 71.7 138.0 8.3 320 68.2 137.2 8.1 33.0 70.0 138.4 73.0 138.7 8.5 33.0 66.5 136.4 8.0 71.7 138.2 8.5 8.3 38.0 66.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 45.0 55.3 129.5 7.1 61.0 132.8 7.6 65.0 133.1 7.6 65.0 51.3 126.5 6.9 57.3 130.3 7.3 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 66.7 128.0 7.3 68.8 7.2 7.2 7.2 7.2 7.3 7.	ce	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]	o de plumín	de rolda- nas	Carga [t]
40.0 [m] Posición midfall (1916) 20.5					68.0 ı							lumín				
22.0 76.7 140.5 9.3 9.3						Cab					umin					
24.0	20.5	78.0	140.9	9.4												
26.0 73.4 139.4 8.7 8.5 8.5 8.0 8.3 8.3 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5																
28.0 71.7 138.7 8.5 8.3 30.0 70.0 138.0 8.3 32.0 68.2 137.2 8.1 34.0 66.5 136.4 8.0 71.7 138.2 8.5 36.0 64.7 135.4 7.8 69.9 137.5 8.3 38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 128.0 7.3 65.0 33.0 109.5 <td>24.0</td> <td>75.1</td> <td>140.0</td> <td>9.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>İ</td> <td></td> <td> </td>	24.0	75.1	140.0	9.0										İ		
30.0	26.0	73.4	139.4	8.7												
32.0 68.2 137.2 8.1 73.0 138.7 8.5 34.0 66.5 136.4 8.0 71.7 138.2 8.5 36.0 64.7 135.4 7.8 69.9 137.5 8.3 38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 65.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 72.9 74.0 <t< td=""><td>28.0</td><td>71.7</td><td>138.7</td><td>8.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	28.0	71.7	138.7	8.5												
32.4 34.0 66.5 136.4 8.0 73.0 138.7 8.5 36.0 64.7 135.4 7.8 69.9 137.5 8.3 38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 126.5 6.9 57.3 130.3 7.3 51.0 51.3 126.5 6.9 57.3 130.3 7.3 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 72.9 74.0 16.6 90.9 3.6 7.0 61.4 119.8 6.8 <td>30.0</td> <td>70.0</td> <td>138.0</td> <td>8.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	30.0	70.0	138.0	8.3												
34.0 66.5 136.4 8.0 71.7 138.2 8.5 36.0 64.7 135.4 7.8 69.9 137.5 8.3 38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4	32.0	68.2	137.2	8.1												
36.0 64.7 135.4 7.8 69.9 137.5 8.3 38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 51.0 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 80.0 80.0 80.0 80.0 80.0 80.0	32.4				73.0	138.7	8.5									
38.0 62.9 134.4 7.7 68.2 136.7 8.1 40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 10.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 85.0 <	34.0	66.5	136.4	8.0	71.7	138.2	8.5									
40.0 61.1 133.3 7.5 66.5 135.8 8.0 42.0 59.2 132.2 7.4 64.7 134.9 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 48.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 61.0 35.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 </td <td>36.0</td> <td>64.7</td> <td>135.4</td> <td>7.8</td> <td>69.9</td> <td>137.5</td> <td>8.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	36.0	64.7	135.4	7.8	69.9	137.5	8.3									
42.0 59.2 132.2 7.4 64.7 134.9 7.8 7.8 44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 7.6 48.0 55.3 128.1 7.0 59.2 131.6 7.4 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 65.0 133.1 7.6 7.6 7.5 7.0 61.4 131.0 7.5 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 7.0 61.4 131.0 7.5 66.0 7.3 66.0 7.3 66.0 7.3 7.0 7.0 61.4 131.0 7.5 7.0 61.4 131.0 7.5 66.0 7.3 66.0 7.3 66.0 7.3 66.0 7.3 66.0 7.3 66.0 7.3 66.2 46.3 119.8 6.8 8.8 7.0 6.8 8.8 7.0 6.8 8.8 7.0 6.3 7.0 6.2 46.3 119.8<	38.0	62.9	134.4	7.7	68.2	136.7	8.1									
44.0 57.3 130.9 7.2 62.9 133.9 7.7 46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 75.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 80.0 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 </td <td>40.0</td> <td></td> <td></td> <td>7.5</td> <td>66.5</td> <td>135.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	40.0			7.5	66.5	135.8										
46.0 55.3 129.5 7.1 61.0 132.8 7.6 48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 51.0 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 80.0 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 89.0 90.0 95.0 15.8 87.5 </td <td>42.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	42.0						7.8									
48.0 53.3 128.1 7.0 59.2 131.6 7.4 50.0 51.3 126.5 6.9 57.3 130.3 7.3 61.0 55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 80.0 85.0 80.0 85.0 48.1 117.2 5.4 89.0 90.0 95.0 15.8 87.5 6.0 36.1 105.9 4.0 95.0 26.5 97.9 3.3 100.0 100.0 18.1 86.0 2.8																
50.0 51.3 126.5 6.9 57.3 130.3 7.3 65.0 133.1 7.6 7.3 7.0 7.3 7.0 7.3 7.0 7.3 7.0 7.3 7.0	46.0															
51.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 55.0 122.5 6.3 75.0 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 54 85.0 85.0 85.0 87.5 6.0 36.1 105.9 4.0 90.0 90.0 26.5 97.9 3.3 100.0 100.0 18.1 86.0 2.8				-												
55.0 45.9 122.0 6.3 52.3 126.7 7.0 61.4 131.0 7.5 7.5 60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 55.0 122.5 6.3 75.0 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 89.0 90.0 36.1 105.9 4.0 99.0 95.0 28.5 97.9 3.3 100.0 100.0 18.1 86.0 2.8		51.3	126.5	6.9	57.3	130.3	7.3									
60.0 39.9 116.5 5.7 47.0 122.4 6.7 56.7 128.0 7.3 65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 89.0 90.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8									i							
65.0 33.0 109.5 5.2 41.1 117.1 6.4 51.7 124.3 7.0 70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 85.0 85.0 85.0 48.1 117.2 5.4 88.0 25.2 98.5 6.2 42.5 112.2 4.7 89.0 90.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8																
70.0 24.5 100.2 4.7 34.5 110.5 6.2 46.3 119.8 6.8 55.0 122.5 6.3 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 85.0 85.0 89.5 6.2 48.1 117.2 5.4 89.0 90.0 96.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8																
72.9 74.0 16.6 90.9 3.6 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 89.0 99.0 15.8 87.5 6.0 112.2 4.7 90.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8			I													
74.0 16.6 90.9 3.6 75.0 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 25.2 98.5 6.2 42.5 112.2 4.7 89.0 90.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8		24.5	100.2	4.7	34.5	110.5	6.2	46.3	119.8	6.8						
75.0 26.4 101.8 5.7 40.3 114.4 6.6 52.9 121.0 6.3 80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 25.2 98.5 6.2 42.5 112.2 4.7 89.0 90.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8											55.0	122.5	6.3			
80.0 16.5 90.3 4.1 33.6 107.6 6.5 48.1 117.2 5.4 85.0 89.0 90.0 95.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8		16.6	90.9	3.6												
85.0 25.2 98.5 6.2 42.5 112.2 4.7 89.0 15.8 87.5 6.0 36.1 105.9 4.0 95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8																
89.0 90.0 95.0 36.1 100.0 15.8 87.5 6.0 36.1 105.9 4.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8					16.5	90.3	4.1		l .							
90.0 95.0 100.0 36.1 105.9 4.0 28.5 97.9 3.3 100.0											42.5	112.2	4./			
95.0 28.5 97.9 3.3 100.0 18.1 86.0 2.8								15.8	87.5	6.0	20.4	105.0	4.0			
100.0 18.1 86.0 2.8													-			
	100.0										15.3	82.6	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 principa			gulo de orincipa			gulo de orincipa			gulo de orincipa		45° Án	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 7	4.5 m Pl	eza de p umín	lumín				
21.1 22.0 24.0 26.0 28.0 30.0 32.0	78.0 77.3 75.7 74.1 72.4 70.8 69.2	143.8 143.6 143.1 142.5 141.9 141.2 140.5	8.6 8.6 8.3 8.0 7.8 7.7 7.5												
33.3 34.0 36.0 38.0 40.0	67.5 65.8 64.1 62.3	139.7 138.8 137.8 136.8	7.4 7.2 7.1 7.0	73.0 72.4 70.8 69.1 67.5	141.6 141.3 140.7 139.9 139.1	7.7 7.7 7.6 7.5 7.4									
42.0 44.0 46.0 48.0 50.0 52.3	60.6 58.8 56.9 55.1 53.1	135.7 134.5 133.2 131.8 130.3	6.8 6.7 6.6 6.5 6.4	65.8 64.1 62.3 60.5 58.7	138.2 137.2 136.2 135.1 133.9	7.2 7.1 7.0 6.9 6.8	65.0	135.8	6.9						
55.0 60.0 65.0 70.0 74.6	48.1 42.6 36.5 29.3	126.1 121.1 114.9 107.0	6.0 5.5 5.0 4.5	54.1 49.1 43.7 37.7	130.5 126.4 121.6 115.6	6.5 6.3 6.1 5.9	62.7 58.2 53.5 48.5	134.5 131.6 128.1 123.9	6.9 6.7 6.5 6.3	55.0	125.0	5.8			
75.0 77.0 80.0 83.0 85.0	19.8 16.3	95.7 91.4	4.1 3.5	30.8 21.9 16.2	97.8 90.7	5.6 5.1 3.5	43.0 36.9 29.8	119.0 112.9 105.1	6.2 6.1 5.9	54.6 49.7 44.9	124.7 120.8 116.5	5.8 5.4 4.6			
90.0 92.0 95.0 100.0 103.0							29.6 20.6 15.5	94.2 87.9	5.9 5.7 5.6	39.2 32.5 24.3 17.7	110.9 110.9 103.9 94.5 86.5	3.9 3.3 2.7 2.4			



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

		gulo de orincipa			gulo de orincipa		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]
				68.0 i	m Pluma Cab	eza de p	ıl, Punto lumín (19 n] Posici	916-1) 7	7.5 m Plı	eza de p umín	lumín				
21.7	78.0	146.7	7.8												
22.0	77.8	146.7	7.8												
24.0	76.2	146.2	7.6												
26.0	74.7	145.6	7.3												
28.0	73.2	145.1	7.1												
30.0	71.6	144.4	7.0												
32.0	70.0	143.7	6.8												
34.0	68.4	142.9	6.7												
34.2		440.4	0.5	73.0	144.4	7.0									
36.0 38.0	66.8 65.2	142.1 141.1	6.5 6.4	71.6 70.0	143.8 143.1	7.0 6.8									
40.0	63.5	141.1	6.3	70.0 68.4	143.1	6.7									
40.0 42.0	61.8	139.1	6.2	66.8	142.3	6.6									
44.0	60.1	138.0	6.1	65.1	141.5	6.4									
46.0	58.4	136.7	5.9	63.5	139.6	6.3									
48.0	56.6	135.4	5.8	61.8	138.5	6.2									
50.0	54.8	134.0	5.7	60.1	137.4	6.1									
53.6	04.0	104.0	0.7	00.1	107.4	0.1	65.0	138.5	6.2						
55.0	50.1	130.1	5.5	55.7	134.2	5.8	63.8	137.8	6.2						
60.0	45.0	125.5	5.1	51.0	130.4	5.6	59.6	135.1	6.0						
65.0	39.4	119.8	4.7	46.0	125.9	5.4	55.1	131.8	5.8						
70.0	33.1	112.9	4.3	40.6	120.5	5.2	50.4	127.9	5.6						
75.0	25.3	103.7	3.9	34.4	113.8	5.1	45.4	123.3	5.5						
76.3										55.0	127.5	5.3			
80.0	15.9	91.8	3.1	27.0	105.2	4.7	39.8	117.8	5.4	51.6	124.7	5.1			
85.0				16.9	92.4	4.4	33.6	110.9	5.3	47.1	120.7	4.3			
86.0				15.8	91.1	3.5									
90.0							26.0	102.0	5.2	41.8	115.6	3.7			
95.0							15.1	88.3	5.1	35.9	109.3	3.0			
100.0										28.9	101.3	2.5			
104.0										21.9	92.7	2.0			



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				68.0 ı		eza de p	al, Punto llumín (1 n] Posici	916-1) 8	0.5 m Pl	eza de p umín	lumín				
22.3	78.0	149.7	7.1												
24.0	76.8	149.3	7.0												
26.0	75.3	148.8	6.8												
28.0	73.8	148.2	6.6												
30.0	72.3	147.6	6.4												
32.0	70.8	146.9	6.3												
34.0	69.3	146.1	6.1												
35.0				73.0	147.3	6.3									
36.0	67.7	145.3	6.0	72.3	147.0	6.3									
38.0	66.2	144.4	5.8	70.8	146.3	6.2									
40.0	64.6	143.5	5.7	69.2	145.6	6.1									
42.0	63.0	142.5	5.6	67.7	144.8	6.0									
44.0	61.4 59.7	141.4 140.3	5.5 5.4	66.1	143.9 142.9	5.8 5.7									
46.0	59.7	139.0	5.4	64.6 63.0	142.9	5.7 5.6									
48.0 50.0	56.3	139.0	5.3	61.3	141.9	5.5									
54.8	50.3	137.7	5.2	01.3	140.9	5.5	65.0	141.3	5.5						
55.0	51.9	134.0	4.9	57.1	137.8	5.2	64.9	141.2	5.5						
60.0	47.1	129.7	4.7	52.7	134.2	5.0	60.8	138.6	5.4						
65.0	42.0	124.5	4.3	48.1	130.0	4.9	56.6	135.5	5.2						
70.0	36.3	118.2	4.0	43.0	125.0	4.7	52.2	131.8	5.0						
75.0	29.6	110.3	3.7	37.4	119.0	4.5	47.5	127.5	4.9						
78.1				•						55.0	129.9	4.8	i		
80.0	21.1	99.5	3.3	31.0	111.5	4.3	42.4	122.4	4.8	53.3	128.5	4.8	İ		
83.0	15.6	92.2	2.7												
85.0				23.0	101.4	4.1	36.7	116.2	4.6	49.1	124.8	4.1			
89.0				15.5	91.5	3.0									
90.0							30.1	108.5	4.6	44.2	120.0	3.5			
95.0							21.8	98.0	4.6	38.8	114.3	2.8			
98.0							16.6	90.9	3.9						
100.0										32.6	107.2	2.3			
102.0										29.8	103.8	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 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]
				68.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 8	3.5 m Pl	eza de p umín	lumín				
23.0	78.0	152.6	6.3												
24.0	77.3	152.4	6.3												
26.0	75.8	151.9	6.1												
28.0	74.4	151.3	6.0												
30.0	73.0	150.7	5.8												
32.0	71.5	150.1	5.7												
34.0	70.0	149.3	5.6												
35.9				73.0	150.2	5.7									
36.0	68.6	148.6	5.5	72.9	150.2	5.7									
38.0	67.1	147.7	5.3	71.5	149.5	5.7									
40.0	65.6	146.8	5.2	70.0	148.8	5.5									
42.0	64.0	145.9	5.1	68.5	148.0	5.4									
44.0	62.5	144.8	5.0	67.1	147.2	5.3				•					
46.0	60.9	143.7	4.9	65.5	146.3	5.2									
48.0	59.3	142.6	4.8	64.0	145.3	5.1									
50.0	57.7	141.3	4.7	62.5	144.3	5.0									
55.0	53.5	137.8	4.5	58.5	141.4	4.8				!					
56.1							65.0	144.0	5.0						
60.0	49.0	133.7	4.3	54.3	138.0	4.6	62.0	142.0	4.9						
65.0	44.3	128.9	4.0	49.9	134.0	4.4	58.0	139.0	4.7						
70.0	39.0	123.2	3.7	45.2	129.4	4.2	53.8	135.6	4.5						
75.0	33.1	116.2	3.5	40.1	123.8	4.0	49.4	131.5	4.4						
79.8										55.0	132.4	4.2			
80.0	26.0	107.2	3.1	34.3	117.1	3.9	44.6	126.8	4.2	54.8	132.2	4.2			
85.0	16.3	93.9	2.7	27.5	108.6	3.7	39.4	121.1	4.1	50.4	128.3	3.8			
86.0	15.3	92.6	2.4												
90.0				18.6	96.6	3.5	33.6	114.2	4.0	46.3	124.2	3.2			
92.0				15.2	91.9	2.8									
95.0							26.6	105.4	4.0	41.3	119.0	2.6			
100.0							17.2	92.6	3.9	35.7	112.6	2.0			
101.0							16.2	91.4	3.4						



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

		gulo de 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]
				68.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 8	6.5 m Pli	eza de p umín	lumín				
23.6	78.0	155.5	5.7												
24.0	77.7	155.4	5.7												
26.0	76.3	155.0	5.6												
28.0	75.0	154.4	5.5												
30.0	73.6	153.9	5.4												
32.0	72.2	153.2	5.2												
34.0	70.8	152.5	5.1												
36.0	69.4	151.8	5.0												
36.8				73.0	153.0	5.2									
38.0	67.9	151.0	4.9	72.2	152.7	5.2									
40.0	66.5	150.1	4.8	70.8	152.0	5.1									
42.0	65.0	149.2	4.7	69.3	151.2	5.0									
44.0	63.5	148.2	4.6	67.9	150.4	4.9									
46.0	62.0	147.2	4.5	66.4	149.6	4.8									
48.0	60.5	146.0	4.4	65.0	148.6	4.7									
50.0	58.9 55.0	144.9	4.3	63.5 59.7	147.7	4.6									
55.0 57.4	55.0	141.5	4.1	59.7	144.9	4.4	65.0	146.7	4.5						
60.0	50.8	137.7	3.9	55.7	141.7	4.2	63.0	145.4	4.5						
65.0	46.3	133.2	3.7	51.6	137.9	4.0	59.2	142.6	4.3						
70.0	41.4	127.9	3.4	47.2	133.6	3.8	55.2	139.3	4.1						
75.0	36.1	121.5	3.2	42.4	128.4	3.6	51.1	135.5	4.0						
80.0	29.9	113.7	2.9	37.2	122.3	3.5	46.6	131.0	3.8						
81.5				*					0.0	55.0	134.8	3.7			
85.0	22.2	103.2	2.6	31.2	114.8	3.3	41.8	125.8	3.7	52.1	132.2	3.7			
89.0	15.1	93.0	2.1												
90.0				23.9	105.0	3.1	36.5	119.5	3.6	48.1	128.4	3.1			
94.0				15.9	93.7	3.0									
95.0							30.4	111.8	3.5	43.5	123.4	2.4			
98.0										40.5	120.1	2.1			
100.0							22.8	101.6	3.4						
104.0							16.0	91.8	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 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]
				71.0 ו		eza de p	al, Punto llumín (1 n] Posici	916-1) 3:	2.5 m Pl	eza de p umín	lumín				
12.4	78.0	105.7	31.7												
13.0	76.9	105.6	31.7												
14.0	75.1	105.3	31.0												
16.0	71.4	104.7	29.5												
18.0	67.6	103.9	27.9												
20.0	63.7	102.9	25.7												
21.4				73.0	104.4	27.7									
22.0	59.6	101.8	23.8	71.8	104.2	27.7									
24.0	55.4	100.5	21.6	68.0	103.4	26.8									
26.0	51.0	98.9	19.9	64.1	102.5	25.8									
28.0	46.2	97.1	18.6	60.1	101.4	24.8									
30.0	41.0	94.9	17.4	55.9	100.1 98.6	23.4									
32.0 34.0	35.1 28.2	92.3 88.9	16.4 15.6	51.5 46.8	98.6 96.8	22.4 21.0									
35.3	20.2	00.9	15.0	40.0	90.6	21.0	65.0	100.7	21.1						
36.0	19.1	84.1	14.8	41.6	94.6	19.6	63.7	100.7	21.1						
38.0	19.1	04.1	14.0	35.8	92.0	18.5	59.7	99.2	20.4						
40.0				29.1	88.8	17.5	55.5	97.9	19.4						
42.0				20.3	84.2	16.6	51.0	96.4	18.6				i		
43.0				16.4	82.1	9.8									
44.0							46.2	94.5	17.8						
46.0							41.0	92.4	17.0						
48.0							35.2	89.7	16.4						
50.0							28.3	86.4	15.8						
51.8										55.0	93.3	12.5			
52.0							19.2	81.6	15.2						
55.0										47.9	90.8	12.4			
60.0										34.2	84.8	11.4			
64.0										17.4	76.2	10.6			
79.7													35.0	70.7	2.1
80.0													34.2	70.3	2.1
80.3													35.0	70.7	2.1



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

		gulo de 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]
				71.0	m Pluma Cab	eza de p	il, Punto lumín (1 n] Posici	916-1) 3	5.5 m Plı	eza de p umín	lumín		_		
13.0	78.0	108.6	28.8												
14.0	76.4	108.4	28.6												
16.0	73.0	107.8	27.3												
18.0	69.6	107.1	25.9												
20.0	66.1	106.3	24.2												
22.0	62.5	105.3	22.8												
22.2				73.0	107.3	25.1									
24.0	58.7	104.1	21.1	70.0	106.6	24.6									
26.0	54.8	102.7	19.5	66.5	105.8	23.8									
28.0	50.7	101.2	18.2	62.9	104.8	23.0									
30.0	46.4	99.3	17.0	59.2	103.7	22.1									
32.0	41.6	97.2	16.0	55.3	102.3	21.0									
34.0	36.4	94.7	15.1	51.2	100.8	20.2									
36.0	30.4	91.5	14.4	46.9	99.0	19.1	05.0	400.4	00.0						
36.6	00.0	07.4	40.7	40.0	20.0	40.0	65.0	103.4	20.0						
38.0	23.0	87.4	13.7	42.2	96.9	18.0	62.5	102.7	19.9						
39.0 40.0	18.2	84.6	13.4	37.0	94.4	17.1	58.8	101.5	19.0						
40.0 42.0				31.1	94.4	16.3	56.6 54.9	101.5	18.1						
44.0				23.9	87.4	15.4	50.8	98.6	17.4						
46.0				15.6	82.5	8.9	46.4	96.8	16.7						
48.0				13.0	02.5	0.3	41.7	94.6	16.0						
50.0							36.5	92.1	15.4						
53.5				i			55.6	J		55.0	95.8	11.8			
55.0							18.3	82.1	14.1	52.2	94.7	12.2			
60.0							,			40.9	89.9	11.1			
65.0										25.9	82.0	10.3			
67.0										16.6	76.6	9.9			



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				71.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 3	8.5 m Plı	eza de p umín	lumín				
13.6	78.0	111.6	26.5												
14.0	77.5	111.5	26.5												
16.0	74.4	111.0	25.4												
18.0	71.2	110.3	24.1												
20.0	68.1	109.5	22.9												
22.0	64.8	108.6	21.6												
23.1				73.0	110.1	22.9									
24.0	61.4	107.6	20.6	71.6	109.8	22.8									
26.0	57.9	106.4	19.1	68.4	109.1	22.2									
28.0	54.3	105.0	17.8	65.2	108.2	21.4									
30.0	50.5	103.4	16.8	61.8	107.1	20.8									
32.0 34.0	46.5 42.2	101.6 99.5	15.8 14.9	58.4 54.8	106.0 104.6	19.9 19.1									
36.0	37.5	99.5 97.0	14.9	54.6 51.0	104.6	18.5									
37.9	37.5	97.0	14.1	31.0	103.0	10.5	65.0	106.1	19.1						
38.0	32.1	94.0	13.4	47.0	101.2	17.6	64.8	106.0	19.1						
40.0	25.8	90.3	12.8	42.7	99.2	16.7	61.5	105.0	18.6						
42.0	17.4	85.0	12.2	38.0	96.7	15.9	58.0	103.8	17.9				i		
44.0		00.0		32.8	93.8	15.3	54.4	102.4	17.0				İ		
46.0				26.6	90.2	14.5	50.6	100.8	16.4						
48.0				18.6	85.2	13.8	46.6	99.0	15.8						
50.0							42.2	96.9	15.1						
55.0							29.2	89.7	13.9						
55.2										55.0	98.2	11.2			
58.0							17.6	82.5	13.2						
60.0										45.9	94.3	10.9			
65.0										34.1	88.2	10.1			
70.0										15.9	77.0	9.3			



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

		gulo de orincipal	ni principal principal					gulo de orincipa		45° Ángulo de pluma principal					
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
	71.0 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)														
14.3 78.0 114.5 23.5 1 1 1 1 0 SIGIOTI HIIGIBII (1910)															
16.0	75.5	114.1	23.0	i											
18.0	72.7	113.5	21.8	i											
20.0	69.7	112.8	20.7	i											
22.0	66.7	111.9	19.6												
24.0	63.7	111.0	18.6	73.0	113.0	20.4									
26.0	60.5	109.9	17.8	70.1	112.3	20.0									
28.0	57.3	108.7	16.7	67.1	111.5	19.4									
30.0	53.9	107.2	15.8	64.0	110.5	18.7									
32.0	50.4	105.6	15.1	60.9	109.5	18.1									
34.0	46.6	103.8	14.3	57.7	108.2	17.3									
36.0	42.6	101.7	13.5	54.3	106.8	16.6									
38.0	38.3	99.3	12.8	50.8	105.3	16.1									
39.1							65.0	108.8	17.3						
40.0	33.5	96.5	12.2	47.1	103.5	15.4	63.7	108.4	17.7						
42.0	28.0	93.0	11.7	43.1	101.4	14.7	60.6	107.3	17.1						
44.0	21.2	88.5	11.2	38.8	99.1	14.1	57.3	106.1	16.4						
45.0	16.7	85.5	10.9	24.4	96.3	40.5	53.9	104.7	15.6						
46.0 48.0				34.1 28.7	96.3 92.9	13.5 12.9	53.9 50.4	104.7	15.6						
50.0				28.7	92.9 88.5	12.9	46.7	103.1	15.1						
51.0				17.9	85.7	12.3	40.7	101.2	14.5						
55.0				17.9	65.7	12.0	36.1	95.4	13.2						
57.0							30.1	33.4	13.2	55.0	100.7	10.6			
60.0							21.3	86.0	12.2	49.8	98.4	10.5			
61.0							16.9	83.0	12.0		55.7	10.0			
65.0							10.0	00.0	12.0	39.9	93.2	9.6			
70.0										27.1	85.5	9.0			
73.0										15.3	77.4	8.3			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			° Ángulo de pluma principal				
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]			
	71.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 44.5 m Plumín																	
25.0 [m] Posición midfall (1916)																		
14.9	78.0	117.4	21.5															
16.0	76.5	117.2	21.4															
18.0	73.9	116.6	20.4															
20.0	71.1	116.0	19.4															
22.0	68.4	115.2	18.5															
24.0	65.6	114.3	17.5															
24.9				73.0	115.9	18.7												
26.0	62.7	113.3	16.7	71.5	115.5	18.6												
28.0	59.7	112.2	15.9	68.7	114.7	18.1												
30.0	56.7	110.9	15.2	65.9	113.9 112.9	17.5 16.8												
32.0 34.0	53.5 50.2	109.5 107.9	14.5 14.0	63.0 60.1	112.9	16.8												
36.0	46.7	107.9	13.3	57.0	110.5	15.6												
38.0	43.0	104.0	12.6	53.9	10.5	15.0												
40.0	39.1	101.7	11.9	50.6	107.5	14.5												
40.4	33.1	101.7	11.5	30.0	107.5	17.5	65.0	111.5	16.9									
42.0	34.7	98.9	11.4	47.1	105.7	13.9	62.7	110.7	16.8									
44.0	29.8	95.7	10.9	43.5	103.7	13.3	59.8	109.6	16.1									
46.0	23.9	91.6	10.5	39.5	101.4	12.8	56.7	108.3	15.4									
48.0	16.1	85.9	10.0	35.2	98.7	12.3	53.6	106.9	14.7									
50.0				30.4	95.5	11.8	50.3	105.3	14.2									
54.0				17.2	86.1	10.7												
55.0							41.1	100.3	12.9									
58.7										55.0	103.1	10.0						
60.0							29.8	93.1	12.0	53.1	102.2	10.3						
64.0							16.3	83.4	11.2									
65.0										44.4	97.8	9.4						
70.0										34.0	91.5	8.7						
75.0										19.3	81.2	7.8						
76.0										16.4	79.0	7.2						



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

	88° Ángulo de pluma principal			principal principal principal					gulo de orincipa		45° Ángulo de pluma principal				
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
	71.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 47.5 m Plumín														
28.0 [m] Posición midfall (1916)															
15.5	78.0	120.4	19.6												
16.0	77.4	120.3	19.6												
18.0	74.9	119.8	18.9												
20.0	72.4	119.1	18.1												
22.0	69.8	118.4	17.4												
24.0	67.2	117.6	16.7	70.0	440 7	47.0									
25.7 26.0	64.6	116.7	16.1	73.0 72.7	118.7 118.6	17.2 17.2									
28.0	61.8	115.7	15.6	70.1	117.9	16.9									
30.0	59.1	114.5	14.9	67.5	117.1	16.7									
32.0	56.2	113.2	14.1	64.9	116.2	16.2									
34.0	53.2	111.7	13.5	62.2	115.2	15.8									
36.0	50.1	110.1	13.0	59.4	114.1	15.4									
38.0	46.8	108.3	12.3	56.5	112.8	14.9									
40.0	43.4	106.3	11.6	53.5	111.3	14.5									
41.7							65.0	114.3	15.8						
42.0	39.7	104.0	11.1	50.5	109.7	14.1	64.6	114.1	15.8						
44.0	35.7	101.3	10.5	47.2	108.0	13.5	61.9	113.1	15.7						
46.0	31.2	98.2	10.1	43.8	105.9	12.9	59.1	111.9	15.1						
48.0	26.1	94.4	9.7	40.1	103.7	12.3	56.2	110.6	14.5						
50.0	19.7	89.5	9.3	36.2	101.1	11.9	53.2	109.2	13.9						
51.0	15.6	86.3	9.1	22.0	00.0	10.6	45.0	104.7	12.7						
55.0 57.0				23.8 16.6	92.2 86.5	10.6	45.2	104.7	12.7						
60.0				10.0	00.0	10.1	35.7	98.7	11.7						
60.4							00.1	30.1	11.7	55.0	105.6	9.5			
65.0							23.2	89.6	10.8	48.0	102.0	9.2			
67.0							15.7	83.8	10.5						
70.0										39.2	96.6	8.5			
75.0										27.3	88.3	7.5			
79.0										15.8	79.4	6.6			



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

		gulo de 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]			
	71.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 50.5 m Plumín																	
Cabeza de piumin (1916-1) 50.5 m Piumin 19.0 [m] Posición midfall (1916)																		
16.1	78.0	123.3	18.0															
18.0	75.8	122.9	17.7															
20.0	73.5	122.3	17.1															
22.0	71.1	121.6	16.4															
24.0	68.6	120.9	15.9															
26.0	66.2	120.0	15.5															
26.6	00.7	440.0	45.0	73.0	121.6 121.1	15.9												
28.0 30.0	63.7 61.1	119.0 118.0	15.2 14.9	71.4 68.9	121.1	15.9 15.7												
32.0	58.4	116.0	14.9	66.5	119.5	15.7												
34.0	55.7	115.5	13.3	64.0	118.6	15.3												
36.0	52.9	114.0	12.6	61.4	117.5	15.3												
38.0	50.0	112.4	12.0	58.7	116.4	14.7												
40.0	46.9	110.5	11.5	56.0	115.0	14.4							i					
42.0	43.7	108.5	10.9	53.2	113.6	14.1												
42.9							65.0	117.0	14.4									
44.0	40.3	106.2	10.3	50.3	112.0	13.8	63.7	116.5	15.0									
46.0	36.5	103.7	9.9	47.3	110.2	13.2	61.1	115.4	14.8				İ					
48.0	32.5	100.7	9.5	44.1	108.2	12.6	58.5	114.2	14.3									
50.0	27.9	97.2	9.1	40.7	106.0	12.0	55.8	112.9	13.8									
54.0	15.1	86.7	8.4															
55.0				30.8	98.8	10.8	48.5	108.9	12.5									
60.0				16.1	87.0	9.6	40.3	103.7	11.5									
62.1										55.0	108.1	9.0						
65.0							30.3	96.4	10.7	51.0	105.9	9.1						
70.0							15.2	84.2	9.9	43.2	101.2	8.3						
75.0										33.5	94.4	7.5						
80.0										21.5	85.0	6.6						
82.0	1	I	1		1	ı		I	1	15.3	79.8	6.2	I	1				