

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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (1 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín				
14.9 16.0 18.0 20.0 22.0 22.2 24.0 26.0	78.0 76.7 74.3 72.0 69.6	87.3 87.1 86.5 85.9 85.2 84.4 83.4	22.5 22.2 21.1 20.0 19.2 18.4 17.8	73.0 70.9 68.5	85.9 85.3 84.5	19.6 19.1 18.5									
28.0 30.0 32.0 33.6	62.1 59.4 56.7	82.4 81.3 80.0	17.8 17.3 16.9 16.4	66.0 63.5 60.9	83.6 82.7 81.6	18.0 17.6 17.2	65.0	82.2	17.7						
34.0 36.0 38.0 40.0	54.0 51.1 48.1 44.9	78.6 77.0 75.3 73.3	16.1 15.8 15.1 14.2	58.2 55.5 52.7 49.7	80.4 79.0 77.6 75.9	16.8 16.5 16.2 15.8	64.6 62.0 59.4 56.7	82.0 81.0 79.8 78.6	17.7 17.4 17.1 16.7						
42.0 44.0 46.0 46.9	41.6 38.0 34.0	71.1 68.7 65.9	13.5 12.8 12.2	46.7 43.4 40.0	74.1 72.0 69.8	15.2 14.6 14.1	53.9 51.0 48.0	77.1 75.6 73.8	16.4 16.2 15.7	55.0	75.4	15.5			
48.0 50.0 53.0 55.0	29.7 24.6 15.4	62.6 58.6 51.0	11.5 10.8 9.3	36.2 32.1 18.5	67.1 64.1 53.3	13.7 12.9	44.8 41.5 31.8	71.9 69.7 62.8	15.1 14.5 13.2	53.6 50.7 42.9	74.7 73.1 68.3	16.1 15.9 14.9			
56.0 60.0 61.0 65.0 66.0				15.9	51.0	10.0	18.0 15.3	51.8 49.4	11.3 10.7	34.2 21.9 18.5	62.3 52.7 49.9	13.6 12.0 11.7			
69.0 70.0 75.0 76.0													35.0 33.5 20.7 17.1	55.5 54.4 44.4 41.4	10.9 11.3 10.5 10.4



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0	m Pluma Cab	eza de p	al, Punto lumín (1 n] Posici	916-1) 5	3.5 m Plı	eza de p umín	lumín				
15.5	78.0	90.3	20.3												
16.0	77.5	90.2	20.3												
18.0	75.2	89.7	19.3												
20.0	73.0	89.1	18.4												
22.0	70.8	88.4	17.6												
23.1				73.0	88.7	17.6									
24.0	68.5	87.6	16.9	72.0	88.4	17.6									
26.0	66.1	86.8	16.4	69.7	87.7	17.0									
28.0	63.8	85.8	16.0	67.4	86.9	16.6									
30.0	61.3	84.7	15.6	65.1	86.0	16.2									
32.0	58.8	83.6	15.2	62.7	85.0	15.9									
34.0	56.3	82.3	14.9	60.2	83.9	15.6									
34.9	50.0		440		00.7	45.0	65.0	84.9	16.1						
36.0	53.6	80.8	14.6	57.7	82.7	15.2	63.7	84.4	16.0						
38.0 40.0	50.9	79.2 77.5	14.4 13.8	55.1 52.4	81.3 79.8	15.0 14.7	61.3 58.8	83.3	15.7 15.4						
40.0 42.0	48.1 45.1	75.6	13.8	52.4 49.7	79.8 78.2	14.7	58.8 56.2	82.1 80.8	15.4						
44.0	42.0	73.4	12.4	46.8	76.2 76.3	13.9	53.6	79.4	14.9						
46.0	38.6	71.0	11.9	43.7	74.3	13.4	50.9	77.8	14.9						
48.0	35.0	68.3	11.4	40.5	72.0	13.0	48.0	76.1	14.3						
48.6	00.0	00.0	114	40.0	72.0	10.0	40.0	70.1	14.0	55.0	77.9	14.0			
50.0	31.0	65.1	10.8	37.0	69.5	12.7	45.0	74.1	13.8	53.3	77.0	14.5			
55.0	17.6	53.7	9.2	26.7	61.3	10.9	36.8	68.2	12.8	46.2	72.6	14.2			
59.0				15.4	51.4	9.0					-				
60.0							26.3	59.9	11.3	38.2	67.0	12.9			
63.0							17.5	52.2	10.3						
65.0										29.0	59.8	11.7			
69.0										16.7	49.2	10.6			
71.5													35.0	57.3	10.3
75.0													28.2	51.8	10.2
79.0													16.6	41.8	9.5



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.1	78.0	93.2	18.5												
18.0	76.0	92.8	18.0												
20.0	73.9	92.2	17.2												
22.0	71.8	91.6	16.3												
24.0	69.7	90.8	15.7	73.0	91.6	16.0									
26.0	67.5	90.0	15.2	70.8	90.9	15.8									
28.0	65.2	89.1	14.8	68.7	90.2	15.4									
30.0	63.0	88.1	14.5	66.5	89.3	15.0									
32.0	60.7	87.0	14.2	64.2	88.4	14.7									
34.0	58.3	85.8	13.9	61.9	87.3	14.5									
36.0	55.9	84.5	13.7	59.6	86.2	14.2									
36.1	50.4	00.4	40.5	57.0	04.0	40.0	65.0 62.9	87.6 86.7	14.1						
38.0 40.0	53.4 50.8	83.1 81.5	13.5 13.3	57.2 54.8	84.9 83.6	13.9 13.7	60.6	85.6	14.6 14.3						
42.0	48.1	79.7	12.8	52.2	82.0	13.7	58.3	84.4	14.3						
44.0	45.3	77.8	12.2	49.6	80.4	13.2	55.8	83.1	13.9						
46.0	42.3	75.7	11.6	46.8	78.6	12.8	53.3	81.6	13.6						
48.0	39.2	73.3	11.1	44.0	76.6	12.5	50.7	80.1	13.5						
50.0	35.8	70.6	10.7	40.9	74.3	12.1	48.0	78.3	13.2				i		
50.3										55.0	80.4	12.9			
55.0	25.7	62.1	9.3	32.3	67.5	11.1	40.7	73.1	12.2	49.1	76.7	13.1			
58.0	17.1	54.2	8.5												
60.0				20.7	57.2	9.3	32.0	66.2	11.3	41.9	71.7	12.3			
61.0				17.5	54.2	9.0									
65.0							20.3	55.7	9.8	33.5	65.1	11.5			
66.0							17.0	52.7	9.5						
70.0										22.5	55.5	10.3			
72.0										16.2	49.7	9.8			
73.9													35.0	59.0	9.7
75.0													33.5	57.7	10.0
80.0													22.5	48.1	9.1
82.0													16.2	42.2	8.7



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	9.5 m Pl	eza de p umín	lumín				
16.8	78.0	96.1	16.1												
18.0	76.8	95.9	15.9												
20.0	74.8	95.3	15.0												
22.0	72.8	94.7	14.3												
24.0	70.7	94.0	13.7												
24.9				73.0	94.5	13.9									
26.0	68.7	93.3	13.3	71.9	94.1	13.8									
28.0	66.5	92.4	12.9	69.8	93.4	13.4									
30.0	64.4	91.5	12.7	67.7	92.6	13.2									
32.0	62.2	90.4	12.4	65.6	91.7	12.8									
34.0	60.0	89.3	12.2	63.4	90.7	12.6									
36.0	57.7	88.1	11.9	61.2	89.6	12.4									
37.4			44 =	50.0	00.4	10.1	65.0	90.4	12.7						
38.0	55.4	86.7	11.7	59.0	88.4	12.1	64.4	90.1	12.7						
40.0	53.0	85.2	11.5	56.7	87.1	11.9	62.2	89.0	12.5						
42.0	50.5 47.9	83.6	11.3	54.3	85.7 84.2	11.7	59.9	87.9	12.2 12.0						
44.0 46.0	47.9 45.2	81.8 79.9	10.9 10.6	51.8 49.3	84.2 82.5	11.5 11.3	57.7 55.3	86.6 85.3	12.0						
48.0	45.2	79.9	10.6	49.3	80.6	11.3	52.9	83.8	11.6						
50.0	39.3	75.3	9.9	43.9	78.6	10.8	50.4	82.2	11.7						
52.1	39.3	75.5	9.9	43.3	70.0	10.0	30.4	02.2	11.5	55.0	82.8	11.4			
55.0	30.8	68.0	9.0	36.3	72.5	10.4	43.7	77.4	11.0	51.4	80.6	11.3			
60.0	19.0	56.9	7.7	26.9	64.1	9.1	36.1	71.2	10.6	44.8	76.0	11.0			
61.0	15.6	53.5	7.5	20.0	0	0	00		10.0				i		
64.0				16.0	53.6	7.9									
65.0							26.6	62.8	9.4	37.4	70.1	10.6			
69.0							15.5	52.0	8.4						
70.0										28.3	62.1	9.8			
75.0										17.0	51.2	8.6			
76.4													35.0	60.7	9.1
80.0													28.2	54.7	8.8
85.0													16.9	43.8	7.7



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

		gulo de orincipa			gulo de orincipa		75° Án	gulo de orincipa	pluma l		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 6:	2.5 m Pl	eza de p umín	lumín				
17.4 18.0 20.0 22.0 24.0	78.0 77.5 75.6 73.6 71.7	99.1 98.9 98.4 97.9 97.2	14.5 14.5 13.8 13.2 12.7												
25.8 26.0 28.0 30.0 32.0	69.7 67.7 65.7 63.7	96.5 95.7 94.8 93.8	12.2 11.9 11.6 11.4	73.0 72.8 70.8 68.8 66.8	97.3 97.3 96.6 95.8 95.0	12.6 12.6 12.4 12.1 11.8									
34.0 36.0 38.0 38.7 40.0	61.6 59.5 57.3	92.8 91.6 90.3	11.2 11.0 10.8	64.8 62.7 60.6	94.1 93.0 91.9	11.5 11.3 11.1	65.0 63.6	93.1 92.4	11.5 11.4						
42.0 44.0 46.0 48.0 50.0	52.7 50.4 47.9 45.3 42.6	87.5 85.8 84.1 82.1 80.0	10.3 10.4 10.2 9.9 9.6 9.4	56.3 54.0 51.7 49.3 46.7	89.4 88.0 86.4 84.7 82.9	10.7 10.5 10.4 10.2 10.0	61.5 59.4 57.2 55.0 52.7	91.3 90.2 88.9 87.5 86.0	11.4 11.2 11.0 10.8 10.6 10.5						
53.8 55.0 60.0 64.0 65.0	35.2 26.0 15.2	73.6 64.9 53.9	8.8 7.8 6.9	40.0 32.0 21.5	77.4 70.4 60.2	9.7 9.0 7.8	46.6 39.8 31.7	81.7 76.2 69.1	10.2 9.9	55.0 53.6 47.6	85.3 84.4 80.2 74.9	10.3 10.3 10.0			
67.0 70.0 72.0 75.0 78.0				15.6	54.0	7.3	21.2 15.1	58.7 52.4	8.2 7.8	33.1 23.2 16.5	68.1 58.5 51.7	9.6 8.6 7.8			
78.9 80.0 85.0 88.0											· · · ·		35.0 33.1 23.1 16.5	62.4 60.7 51.0 44.2	8.6 8.6 7.8 7.2



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		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
18.1	78.0	102.0	13.2												
20.0	76.2	101.5	12.8												
22.0	74.4	101.0	12.3												
24.0	72.6	100.4	11.8												
26.0	70.7	99.7	11.4												
26.6				73.0	100.2	11.6									
28.0	68.8	98.9	11.1	71.7	99.8	11.5									
30.0	66.9	98.1	10.8	69.9	99.0	11.2									
32.0	65.0	97.2	10.5	68.0	98.2	11.0									
34.0	63.0	96.2	10.3	66.0	97.4	10.7									
36.0	61.0	95.1	10.1	64.1	96.4	10.5									
38.0	59.0	93.9	9.9	62.1	95.4	10.3									
39.9							65.0	95.8	10.5						
40.0	56.9	92.6	9.6	60.1	94.2	10.0	64.9	95.8	10.5						
42.0	54.7	91.2	9.4	58.0	93.0	9.8	63.0	94.8	10.4						
44.0	52.5	89.7	9.2	55.9	91.7	9.6	61.0	93.7	10.2						
46.0	50.3 47.9	88.1 86.3	9.1 8.8	53.7 51.5	90.2 88.7	9.4 9.3	58.9	92.5 91.2	10.0 9.8						
48.0 50.0	47.9	84.4	8.6	49.2	88.7 87.0	9.3	56.8 54.7	91.2 89.8	9.8						
55.0	38.8	78.7	8.1	43.0	82.0	8.7	49.0	85.8	9.6						
55.5	30.0	70.7	0.1	43.0	02.0	0.1	49.0	65.6	9.2	55.0	87.7	9.3			
60.0	31.0	71.4	7.5	36.0	75.8	8.3	42.9	80.8	8.9	50.0	84.2	9.1			
65.0	20.8	60.8	6.6	27.6	67.6	7.5	35.8	74.6	8.6	43.9	79.4	8.8			
67.0	16.9	56.6	5.9	27.0	07.0	7.5	33.0	74.0	0.0	40.0	75.4	0.0	i		
70.0	10.0	00.0	0.0	15.2	54.4	6.6	27.3	66.2	7.9	37.0	73.4	8.6			
75.0					· · · · ·	0.0	16.8	55.1	6.6	28.8	65.5	8.1			
80.0										17.3	53.4	7.5			
81.0										16.2	52.1	6.8			
81.3													35.0	64.1	7.8
85.0													28.8	58.1	7.5
90.0													19.1	47.9	6.6
91.0													16.1	44.6	6.5



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		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (1 n] Posici	916-1) 6	8.5 m Pl	eza de p umín	lumín				
18.7 20.0 22.0 24.0 26.0 27.5 28.0	78.0 76.9 75.1 73.4 71.6	104.9 104.6 104.1 103.5 102.9	12.2 12.0 11.4 11.0 10.7	73.0 72.6	103.1 102.9	10.7 10.7									
30.0 32.0 34.0 36.0	68.0 66.2 64.3 62.4	101.4 100.5 99.5 98.5	10.1 9.8 9.6 9.4	70.8 69.0 67.2 65.3	102.2 101.5 100.7 99.7	10.5 10.3 10.1 9.8									
38.0 40.0 41.2 42.0	60.5 58.5 56.5	97.4 96.2 94.9	9.2 8.9	63.4 61.5 59.6	98.8 97.7 96.5	9.6 9.4 9.2	65.0 64.3	98.5 98.1	9.7 9.7						
44.0 46.0 48.0 50.0 55.0	54.4 52.3 50.2 47.9 41.9	93.5 91.9 90.3 88.5 83.4	8.5 8.3 8.2 8.0 7.5	57.6 55.6 53.5 51.4 45.7	95.3 93.9 92.5 90.9 86.4	8.9 8.7 8.6 8.4 7.9	62.4 60.4 58.5 56.5 51.2	97.1 96.0 94.8 93.5 89.7	9.6 9.3 9.2 9.0 8.5						
57.2 60.0 65.0 70.0 73.0	35.1 26.7 16.5	77.0 68.4 57.0	7.1 6.4 5.3	39.4 32.1 22.9 16.8	80.8 73.7 63.8 57.0	7.5 7.0 6.4 5.6	45.5 39.2 31.9	85.2 79.6 72.4	8.1 7.7 7.3	55.0 52.1 46.5 40.3	90.2 88.1 83.7 78.3	8.6 8.5 8.1 7.8			
75.0 78.0 80.0 83.8 84.0							22.6 16.4	62.4 55.5	6.9 5.9	33.2 24.3 15.8	71.4 62.0 52.5	7.5 7.1 6.1	35.0	65.9	7.1
85.0 90.0 94.0													33.1 24.2 15.7	64.0 54.6 45.0	7.1 6.5 5.9



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

		gulo de 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]
				35.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 7	1.5 m Pl	eza de p umín	lumín				
19.3	78.0	107.9	10.9												
20.0	77.4	107.7	10.9												
22.0	75.8	107.2	10.4												
24.0	74.1	106.7	10.0												
26.0	72.4	106.0	9.7												
28.0	70.7	105.4	9.4	70.0	405.0	0.0									
28.4 30.0	69.0	104.6	9.2	73.0 71.6	105.9 105.4	9.6 9.6									
32.0	67.2	104.6	9.2	69.9	105.4	9.6									
34.0	65.5	103.8	8.8	68.2	103.9	9.2									
36.0	63.7	101.9	8.6	66.4	103.1	8.9									
38.0	61.8	100.8	8.4	64.7	102.1	8.7									
40.0	60.0	99.7	8.2	62.8	101.1	8.5				i			i		
42.0	58.1	98.5	8.0	61.0	100.0	8.4									
42.5							65.0	101.2	8.7						
44.0	56.2	97.1	7.9	59.1	98.8	8.2	63.6	100.5	8.6						
46.0	54.2	95.7	7.7	57.2	97.6	8.0	61.8	99.4	8.5						
48.0	52.2	94.2	7.6	55.3	96.2	7.9	60.0	98.3	8.3						
50.0	50.1	92.5	7.4	53.3	94.7	7.7	58.1	97.0	8.2						
55.0	44.6	87.8	7.1	48.0	90.5	7.4	53.2	93.5	7.8						
58.9										55.0	92.6	7.7			
60.0	38.4	82.0	6.7	42.3	85.5	7.1	47.9	89.3	7.5	54.0	91.9	7.7			
65.0 70.0	31.3 22.1	74.7 64.5	6.3 5.7	35.8 28.1	79.2 71.0	6.8 6.3	42.1 35.7	84.2 77.9	7.2 7.0	48.8 43.1	87.8 82.8	7.4 7.2			
73.0	16.2	57.4	4.8	20.1	71.0	0.3	35.7	77.9	7.0	43.1	02.0	1.2			
75.0	10.2	37.4	4.0	17.5	58.7	5.7	27.9	69.6	6.5	36.7	76.7	7.0			
76.0				16.5	57.5	5.1	21.5	09.0	0.5	30.7	10.1	7.0			
80.0				10.5	37.5	J. 1	17.1	57.2	6.1	29.2	68.8	6.7			
81.0				Ī			16.1	55.9	5.5		00.0	· · · ·			
85.0										19.2	57.4	6.4			
86.2													35.0	67.6	6.5
87.0										15.4	52.9	5.8			
90.0													29.2	61.4	6.2
95.0													20.7	51.7	5.5
97.0													15.4	45.4	5.2



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

		gulo de orincipa			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]
				35.0		eza de p	il, Punto Ilumín (19 n] Posici	916-1) 7	4.5 m Pl		lumín				
19.9 20.0 22.0 24.0 26.0 28.0	78.0 77.9 76.4 74.8 73.1 71.5	110.8 110.8 110.3 109.8 109.2 108.5	9.9 9.9 9.7 9.2 8.9												
29.3 30.0 32.0 34.0 36.0	69.9 68.2 66.5 64.8	107.8 107.0 106.2 105.2	8.5 8.3 8.1	73.0 72.4 70.8 69.1 67.4	108.8 108.6 107.9 107.1 106.3	8.8 8.8 8.6 8.4 8.2									
38.0 40.0 42.0 43.7 44.0	63.1 61.3 59.5	104.2 103.2 102.0	7.7 7.6 7.5	65.8 64.0 62.3	105.4 104.5 103.4	8.0 7.8 7.7	65.0 64.8	103.9 103.8	7.8 7.8						
46.0 48.0 50.0 55.0	55.9 54.0 52.0 46.9	99.4 98.0 96.4 92.1	7.2 7.1 7.0 6.7	58.7 56.9 55.0 50.1	101.1 99.8 98.5 94.5	7.4 7.3 7.1 6.9	63.1 61.3 59.5 54.9	102.8 101.7 100.6 97.3	7.8 7.6 7.5 7.2						
60.0 60.7 65.0 70.0 75.0	41.3 34.9 27.4 16.9	86.8 80.3 71.8 59.2	6.4 6.2 5.6 5.0	44.8 39.0 32.2 23.9	89.9 84.2 77.0 67.4	6.7 6.5 6.2 5.6	50.0 44.7 38.8 32.0	93.4 88.6 82.9 75.7	6.9 6.7 6.6 6.3	55.0 50.8 45.5 39.8	95.1 91.7 87.2 81.6	6.9 6.8 6.6 6.5			
76.0 79.0 80.0 84.0 85.0	15.8	57.8	4.4	16.1	57.9	4.7	23.6 15.7	66.0 56.3	5.9 5.2	33.2 25.2	74.7 65.6	6.3			
88.7 90.0 95.0 100.0										15.1	53.3	5.5	35.0 33.2 25.1 15.0	69.3 67.3 58.1 45.8	5.9 5.9 5.4 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 principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0	m Pluma Cab	eza de p	il, Punto Ilumín (1 n] Posici	916-1) 7	7.5 m Pl	eza de p umín	lumín				
20.6	78.0	113.7	8.9										I		
22.0	76.9	113.4	8.8							i			İ		
24.0	75.4	112.9	8.4							i			İ		
26.0	73.8	112.3	8.1												
28.0	72.3	111.7	7.9												
30.0	70.7	111.0	7.7												
30.1				73.0	111.7	7.9									
32.0	69.1	110.3	7.5	71.5	111.1	7.8									
34.0	67.5	109.4	7.3	70.0	110.4	7.6									
36.0	65.9	108.6	7.1	68.4	109.6	7.4									
38.0	64.2	107.6	6.9	66.8	108.7	7.2									
40.0	62.5 60.8	106.6	6.8 6.7	65.1 63.5	107.8 106.8	7.0 6.9							ł		
42.0 44.0	59.1	105.5 104.3	6.5	61.8	105.8	6.8									
45.0	39.1	104.5	0.5	01.0	103.0	0.0	65.0	106.7	7.0						
46.0	57.4	103.0	6.4	60.1	104.6	6.6	64.2	106.2	7.0						
48.0	55.6	101.7	6.3	58.3	103.4	6.5	62.5	105.2	6.8						
50.0	53.7	100.2	6.2	56.6	102.1	6.4	60.8	104.1	6.7	i			İ		
55.0	48.9	96.1	5.9	52.0	98.4	6.1	56.4	100.9	6.4						
60.0	43.8	91.3	5.7	47.0	94.1	5.9	51.8	97.2	6.1						
62.4										55.0	97.6	6.1			
65.0	38.0	85.4	5.5	41.7	88.9	5.7	46.9	92.9	5.9	52.6	95.6	6.0			
70.0	31.4	78.0	5.2	35.7	82.5	5.6	41.5	87.6	5.8	47.7	91.3	5.8			
75.0	23.2	68.1	4.8	28.6	74.3	5.2	35.5	81.2	5.6	42.4	86.2	5.7			
79.0	15.5	58.2	4.0												
80.0				19.3	62.8	4.8	28.4	73.0	5.4	36.5	80.0	5.6			
82.0 85.0				15.8	58.3	4.3	18.9	61.3	5.1	29.6	72.2	5.5	l		
85.0 87.0							15.4	56.7	4.7	29.0	12.2	5.5			
90.0							13.4	30.7	4.7	20.7	61.3	5.4	ĺ		
91.1										20.7	01.0	0.1	35.0	71.0	5.1
92.0										15.9	55.0	5.3	00.0		J.,
95.0													29.6	64.8	5.1
100.0													21.9	55.5	4.5
102.0													17.5	49.8	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 orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı		eza de p	ıl, Punto llumín (19 n] Posici	916-1) 8	0.5 m Pli	eza de p umín	lumín				
21.2	78.0	116.7	8.1												
22.0	77.4	116.5	8.1												
24.0	75.9	116.0	7.7												
26.0	74.4	115.5	7.4												
28.0	72.9	114.9	7.2												
30.0	71.4	114.2	7.0												
31.0				73.0	114.6	7.1									
32.0	69.9	113.5	6.8	72.3	114.2	7.1									
34.0	68.4	112.7	6.7	70.8	113.6	7.0									
36.0	66.8	111.8	6.5	69.2	112.8	6.8									
38.0	65.3	110.9	6.3	67.7	112.0	6.6									
40.0	63.7	110.0	6.2	66.1	111.1	6.4									
42.0	62.0	108.9	6.1	64.5	110.2	6.3									
44.0	60.4	107.8	5.9	62.9	109.2	6.1									
46.0	58.7	106.6	5.8	61.3	108.1	6.0	25.0	100.1	0.0						
46.3		405.0		50 7	400.0		65.0	109.4	6.3						
48.0	57.0 55.3	105.3 103.9	5.7 5.6	59.7 58.0	106.9 105.7	5.9 5.8	63.6	108.5 107.5	6.2						
50.0 55.0	55.3	103.9	5.6	58.0 53.6	105.7	5.8	62.0 57.9	107.5	6.1 5.8						
60.0	46.0	95.6	5.3 5.1	49.0	98.1	5.3	57.9	104.5	5.5						
64.1	40.0	95.0	3.1	49.0	90.1	5.5	33.3	101.0	5.5	55.0	100.0	5.4			
65.0	40.7	90.2	4.9	44.0	93.3	5.1	48.9	96.9	5.3	54.2	99.4	5.4			
70.0	34.8	83.6	4.8	38.6	87.5	4.9	43.9	92.1	5.1	49.6	95.4	5.2			
75.0	27.9	75.2	4.5	32.3	80.3	4.7	38.4	86.3	5.0	44.7	90.6	5.1	i		
80.0	18.7	63.3	4.1	24.8	70.9	4.5	32.2	79.1	4.9	39.3	85.0	4.9			
82.0	15.2	58.6	3.6												
85.0				15.5	58.7	3.9	24.5	69.6	4.8	33.2	78.0	4.8			
90.0							15.1	57.1	4.3	25.9	69.0	4.8			
93.6													35.0	72.7	4.5
95.0										15.6	55.5	4.8	33.2	70.6	4.5
100.0													25.8	61.6	4.3
105.0													17.1	50.2	3.7



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

		gulo de orincipal			gulo de orincipa		ı	gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 8	3.5 m Pl		lumín				
21.8	78.0	119.6	7.3												
22.0	77.9	119.6	7.3												
24.0	76.4	119.1	7.1												
26.0	75.0	118.6	6.8												
28.0	73.6	118.0	6.6												
30.0	72.1	117.4	6.4												
31.9				73.0	117.4	6.4									
32.0	70.7	116.7	6.2	72.9	117.4	6.4									
34.0	69.2	115.9	6.1	71.5	116.7	6.3									
36.0	67.7	115.1	5.9	70.0	116.0	6.2									
38.0	66.2	114.2	5.8	68.5	115.2	6.0									
40.0	64.7	113.3	5.6	67.0	114.4	5.9									
42.0	63.1	112.3	5.5	65.5	113.5	5.7									
44.0	61.6	111.2 110.1	5.4	64.0	112.5 111.5	5.6				ł					
46.0 47.6	60.0	110.1	5.3	62.4	111.5	5.5	65.0	112.1	5.6						
47.6 48.0	58.4	108.9	5.2	60.9	110.4	5.4	64.7	111.1	5.6						
50.0	56.4 56.7	108.9	5.2 5.1	59.3	10.4	5.4	63.1	110.9	5.5	l					
55.0	52.5	107.0	4.8	55.1	105.2	5.0	59.2	108.1	5.2						
60.0	48.0	99.7	4.6	50.8	103.3	4.8	55.0	104.8	5.0						
65.0	43.1	94.7	4.4	46.2	97.6	4.6	50.7	100.9	4.8						
65.8		•			01.0		00	100.0		55.0	102.5	4.8			
70.0	37.7	88.7	4.2	41.1	92.2	4.4	46.0	96.4	4.6	51.4	99.3	4.7			
75.0	31.6	81.3	4.0	35.5	85.8	4.2	41.0	91.0	4.4	46.8	94.9	4.5			
80.0	24.1	71.7	3.7	29.0	77.7	4.0	35.4	84.5	4.3	41.8	89.7	4.4			
84.0	15.9	60.4	3.5												
85.0				20.6	66.6	3.8	28.8	76.4	4.2	36.3	83.4	4.3			
88.0				15.2	59.1	3.3									
90.0							20.4	65.2	4.0	29.9	75.5	4.2			
92.0							15.8	58.9	4.0						
95.0										21.9	65.0	4.2			
96.1													35.0	74.5	3.9
98.0										15.3	55.8	4.1	l		
100.0													29.9	68.1	3.9
105.0													23.0	59.1	3.4
108.0													16.8	50.6	3.1



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

		gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0		eza de p	il, Punto lumín (19 n] Posici	916-1) 8	6.5 m Pl		lumín				
22.4	78.0	122.6	6.6												
24.0	76.9	122.2	6.5												
26.0	75.6	121.7	6.3												
28.0	74.2	121.1	6.1												
30.0	72.8	120.5	5.9												
32.0	71.4	119.8	5.7												
32.8				73.0	120.3	5.9									
34.0	70.0	119.1	5.6	72.1	119.9	5.9									
36.0	68.5	118.4	5.5	70.7	119.2	5.7									
38.0	67.1	117.5	5.3	69.3	118.5	5.5									
40.0	65.6	116.6	5.2	67.9	117.7	5.4									
42.0	64.2	115.7	5.1	66.4	116.8	5.3									
44.0	62.7	114.6	5.0	65.0	115.9	5.1									
46.0	61.1	113.6	4.9	63.5	114.9	5.0									
48.0	59.6	112.4	4.8	62.0	113.8	4.9									
48.8							65.0	114.8	5.1						
50.0	58.0	111.2	4.6	60.5	112.7	4.8	64.1	114.2	5.1						
55.0	54.0	107.7	4.4	56.5	109.6	4.6	60.3	111.6	4.8						
60.0	49.8	103.7 99.1	4.2 4.0	52.4 48.1	105.9	4.4 4.2	56.4	108.4	4.6						
65.0 67.6	45.2	99.1	4.0	40.1	101.7	4.2	52.3	104.8	4.4	55.0	104.9	4.3			
70.0	40.3	93.5	3.8	43.4	96.7	3.9	47.9	100.5	4.2	55.0	104.9	4.3			
70.0 75.0	34.7	93.5 86.9	3.8	43.4 38.2	90.7	3.9	47.9	95.5	4.2	48.7	99.0	4.3			
80.0	28.3	78.6	3.4	32.4	83.7	3.6	38.1	89.6	3.8	44.0	94.1	4.0			
85.0	20.1	67.2	3.2	25.5	74.4	3.4	32.3	82.4	3.7	39.0	88.3	3.8			
87.0	15.6	60.8	3.1	20.0	77.7	0.4	02.0	02.4	0.1	00.0	00.0	0.0			
90.0	10.0	00.0	0.1	15.9	60.9	3.3	25.3	73.1	3.6	33.3	81.4	3.7			
95.0				10.0	00.0	0.0	15.5	59.3	3.4	26.5	72.5	3.6			
98.5													35.0	76.2	3.5
100.0										17.4	59.8	3.5	33.2	74.0	3.4
101.0										16.6	58.5	3.0			
105.0													26.5	65.1	3.3
110.0													18.7	54.3	2.8
111.0													16.5	51.1	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		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0	m Pluma Cab	eza de p	il, Punto Ilumín (19 n] Posici	916-1) 8	9.5 m Pl		lumín				
23.0	78.0	125.5	5.8						<u> </u>						
24.0	77.4	125.3	5.8										İ		
26.0	76.0	124.8	5.6										İ		
28.0	74.7	124.2	5.4												
30.0	73.4	123.7	5.2												
32.0	72.0	123.0	5.1												
33.7				73.0	123.2	5.1									
34.0	70.7	122.3	4.9	72.8	123.1	5.1									
36.0	69.3	121.6	4.8	71.4	122.4	5.0									
38.0	67.9	120.8	4.7	70.0	121.7	4.9									
40.0	66.5	119.9	4.5	68.7	120.9	4.7									
42.0	65.1	119.0	4.4	67.3	120.1	4.6							ł		
44.0 46.0	63.7 62.2	118.0 117.0	4.3 4.2	65.9 64.4	119.2 118.2	4.5 4.4									
48.0	60.7	117.0	4.1	63.0	117.2	4.4									
50.0	59.2	114.7	4.0	61.5	116.2	4.2									
50.1	00.2	11-4.7	4.0	01.0	110.2	7.2	65.0	117.5	4.3						
55.0	55.4	111.4	3.8	57.8	113.2	3.9	61.4	115.0	4.1						
60.0	51.4	107.6	3.6	53.9	109.7	3.7	57.7	112.0	3.9				Ī		
65.0	47.1	103.2	3.4	49.8	105.7	3.5	53.8	108.5	3.7						
69.3										55.0	107.4	3.6			
70.0	42.5	98.1	3.2	45.4	101.1	3.4	49.7	104.5	3.6	54.4	106.9	3.6			
75.0	37.5	92.1	3.0	40.7	95.6	3.2	45.3	99.9	3.4	50.3	102.9	3.5			
80.0	31.7	84.7	2.9	35.4	89.1	3.0	40.5	94.4	3.2	46.0	98.4	3.3			
85.0	24.9	75.2	2.7	29.3	81.1	2.9	35.2	87.8	3.1	41.3	93.0	3.2			
90.0	15.3	61.2	2.5	21.7	70.4	2.7	29.1	79.7	3.0	36.1	86.7	3.1			
93.0				15.6	61.3	2.6	04.5	00.0	0.0	20.0	70.0	0.0			
95.0							21.5 15.3	68.9 59.7	2.8 2.7	30.2	78.9	3.0	l		
98.0 100.0							15.3	59.7	2.1	22.9	68.7	2.9			
100.0										22.8	00.1	2.9	35.0	77.9	2.8
101.0										16.3	58.9	2.5	55.0	11.5	2.0
104.0										10.5	30.0	2.0	30.1	71.5	2.8
110.0													22.8	61.2	2.5
114.0													16.2	51.5	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 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]
				35.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 9:	2.5 m Pli		lumín				
23.7	78.0	128.4	5.2												
24.0	77.8	128.3	5.2												
26.0	76.5	127.9	5.0												
28.0	75.2	127.4	4.8												
30.0	73.9	126.8	4.7												
32.0	72.6	126.2	4.5												
34.0	71.3	125.5	4.4												
34.5				73.0	126.0	4.5									
36.0	70.0	124.8	4.3	72.0	125.6	4.5									
38.0	68.7	124.0	4.1	70.7	124.9	4.3									
40.0	67.3	123.2	4.0	69.4	124.1	4.2									
42.0	66.0	122.3	3.9	68.1	123.3	4.1									
44.0	64.6	121.4	3.8	66.7	122.5	4.0									
46.0	63.2	120.4	3.7	65.3	121.6	3.8									
48.0	61.8	119.3	3.6	64.0	120.6	3.7									
50.0	60.4	118.2	3.5	62.6	119.6	3.6									
51.4							65.0	120.3	3.7						
55.0	56.7	115.1	3.3	59.0	116.7	3.4	62.5	118.4	3.6						
60.0	52.9	111.5	3.1	55.3	113.4	3.2	58.9	115.6	3.4						
65.0	48.8	107.3	2.9	51.4	109.6	3.0	55.2	112.3	3.2						
70.0	44.5	102.5	2.7	47.2	105.3	2.9	51.2	108.5	3.0						
71.0										55.0	109.8	3.1			
75.0	39.9	96.9	2.6	42.8	100.2	2.7	47.1	104.1	2.9	51.9	106.8	3.0			
80.0	34.7	90.2	2.4	38.0	94.2	2.6	42.7	99.0	2.8	47.8	102.5	2.8			
85.0	28.7	82.0	2.3	32.5	87.0	2.5	37.8	92.9	2.6	43.4	97.5	2.7			
90.0				26.1	77.9	2.3	32.4	85.7	2.5	38.6	91.7	2.6			
95.0							25.9	76.5	2.4	33.3	84.7	2.5			
100.0										27.0	75.9	2.4	25.0	70.0	0.0
103.4										40.0		0.0	35.0	79.6	2.3
105.0										18.9	63.8	2.3	33.2	77.3	2.3
107.0										16.0	59.4	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 principa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				35.0 ו		eza de p	ıl, Punto lumín (1: n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín		_		
24.3	78.0	131.4	4.8												
26.0	76.9	131.0	4.7												
28.0	75.7	130.5	4.5												
30.0	74.5	129.9	4.4												
32.0	73.2	129.3	4.2												
34.0	71.9	128.7	4.1												
35.4				73.0	128.9	4.2									
36.0	70.7	128.0	4.0	72.6	128.7	4.2									
38.0	69.4	127.2	3.9	71.4	128.0	4.1									
40.0	68.1	126.4	3.7	70.1	127.3	3.9									
42.0	66.8	125.6	3.6	68.8	126.6	3.8									
44.0	65.4	124.7	3.5	67.5	125.7	3.7									
46.0	64.1	123.7	3.4	66.2	124.9	3.6									
48.0	62.7	122.7	3.4	64.8	123.9	3.5									
50.0	61.4	121.6	3.3	63.5	123.0	3.4									
52.6							65.0	123.0	3.4						
55.0	57.9	118.6	3.0	60.1	120.2	3.2	63.4	121.8	3.4						
60.0	54.2	115.2	2.8	56.5	117.1	2.9	60.0	119.1	3.2						
65.0	50.4	111.3	2.6	52.8	113.5	2.7	56.4	115.9	3.0						
70.0	46.3	106.8	2.3	48.9	109.3	2.5	52.7	112.3	2.7						
72.7										55.0	112.3	2.8			
75.0							48.8	108.1	2.5	53.3	110.6	2.7			
80.0							44.6	103.3	2.3	49.4	106.6	2.5			
85.0										45.3	101.9	2.3			



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 3	8.5 m Pli	eza de p umín	lumín				
12.5	78.0	78.6	61.2												
13.0	77.2	78.5	61.2												
14.0	75.7	78.2	57.7												
16.0	72.6	77.6	48.5												
18.0	69.4	76.9	41.5												
19.1				73.0	77.4	51.1									
20.0	66.2	76.1	35.3	71.6	77.1	50.8									
22.0	62.9	75.1	30.6	68.4	76.3	46.2									
24.0	59.4	73.9	27.2	65.1	75.4	40.4									
26.0	55.9	72.6	24.5	61.8	74.4	35.6									
28.0	52.2	71.1	22.3	58.3	73.2	31.9									
29.3	40.0	00.4	00.0	547	74.0	00.7	65.0	74.2	30.1						
30.0 32.0	48.2 44.1	69.4 67.4	20.6 19.1	54.7 50.9	71.8 70.3	28.7 26.3	63.9 60.5	73.9 72.8	33.5 31.3						
34.0	39.5	65.1	17.9	46.9	70.3 68.5	26.3	57.0	72.6 71.6	29.6						
36.0	34.5	62.4	16.8	42.6	66.4	22.2	53.4	70.1	27.8						
38.0	28.7	59.0	15.9	38.0	64.0	20.5	49.5	68.5	26.4						
40.0	21.4	54.6	15.9	32.7	61.1	19.2	45.4	66.6	24.9						
41.0	16.6	51.5	14.6	52.1	01.1	10.2	45.4	00.0	24.5				i		
41.3	10.0	00								55.0	68.3	21.7			
42.0				26.5	57.4	18.0	41.0	64.4	23.6	53.9	67.9	22.5			
44.0				18.5	52.4	16.7	36.1	61.8	22.5	50.1	66.3	21.4			
46.0		İ			-		30.6	58.7	21.6	46.0	64.4	20.6	İ		
48.0							23.9	54.7	20.6	41.7	62.3	19.5			
50.0							16.4	49.9	15.1	36.9	59.8	18.7			
55.0										21.0	50.4	17.0			
56.0										16.2	47.3	16.7			
61.3													35.0	50.8	11.9
65.0													24.4	44.5	11.6
67.0													15.2	38.7	11.0



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 4	1.5 m Plı	eza de p umín	lumín				
13.1 14.0 16.0 18.0 20.0 22.0 24.0	78.0 76.7 73.9 71.0 68.0 65.0 61.9	81.5 81.3 80.8 80.1 79.3 78.4 77.4	55.5 55.4 48.1 40.6 35.2 30.3 26.7	73.0 70.0 67.0	80.2 79.5 78.7	47.3 45.1 41.4									
26.0 28.0 30.0 30.6 32.0	58.7 55.3 51.9 48.2	76.2 74.9 73.4 71.6	24.1 22.0 20.3 18.9	64.0 60.9 57.6	77.8 76.7 75.5 74.1	36.0 32.3 29.0 26.3	65.0 62.9	76.9 76.2	31.2 30.6						
34.0 36.0 38.0 40.0 42.0	44.4 40.2 35.6 30.5 24.3	69.7 67.4 64.8 61.6 57.6	17.6 16.5 15.5 14.7 13.9	50.7 47.0 43.1 38.8 34.1	72.5 70.7 68.7 66.3 63.5	24.2 22.3 20.6 19.0 17.8	59.7 56.4 53.0 49.4 45.6	75.1 73.8 72.4 70.7 68.8	28.7 27.1 25.5 24.4 23.0						
43.0 44.0 46.0 47.0	16.0	51.9	13.1	28.6 22.0 17.8	60.1 55.7 52.8	16.7 15.6 15.1	41.6 37.1	66.7 64.2	21.9 20.9	55.0 53.5 49.9	70.8 70.1 68.5	20.0 20.9 19.8			
48.0 50.0 53.0 55.0							32.2 26.4 15.8	61.2 57.5 50.3	20.0 19.0 15.1	46.2 42.2 30.2	66.7 64.6 57.5	19.0 18.1 16.5			
59.0 63.8 65.0 70.0										15.5	47.7	15.3	35.0 32.5 16.4	52.5 51.0 40.3	11.1 11.2 9.6



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

		gulo de principa			gulo de orincipa										
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0			ıl, Punto lumín (2:			eza de p umín	lumín		-		
						22.0 [m	ı] Posici	ón midfa	II (2316)						
13.7	78.0	84.5	50.6												
14.0	77.7	84.4	50.6												
16.0	75.0	83.9	46.7												
18.0 20.0	72.3 69.6	83.3 82.6	40.3 34.8												
20.0	69.6	82.6	34.8	73.0	83.1	44.1									
22.0	66.8	81.7	30.1	71.4	82.7	43.7									
24.0	63.9	80.8	26.3	68.7	82.0	40.6									
26.0	61.0	79.7	23.5	65.9	81.1	36.6							İ		
28.0	58.0	78.5	21.6	63.0	80.1	32.5							İ		
30.0	54.9	77.1	20.0	60.1	79.0	29.5									
31.8							65.0	79.7	28.3						
32.0	51.6	75.6	18.6	57.0	77.7	26.6	64.8	79.6	28.8						
34.0	48.2	73.9	17.4	53.9	76.3	24.3	61.9	78.6	27.9						
36.0	44.6	71.9	16.3	50.6	74.7	22.4	59.0	77.4	26.2						
38.0	40.8	69.7	15.3	47.1	72.9	20.7	55.9	76.1	24.7						
40.0	36.6	67.2	14.4	43.4	70.9	19.2	52.7	74.6	23.4						
42.0	31.9	64.1	13.6	39.5	68.6	17.8	49.3	73.0	22.4 21.2						
44.0 44.7	26.6	60.5	13.0	35.2	65.9	16.7	45.8	71.1	21.2	55.0	73.2	18.3			
46.0	19.8	55.6	12.2	30.3	62.7	15.7	42.0	69.0	20.2	53.1	72.4	19.2			
47.0	15.4	52.3	11.9	30.3	02.7	15.7	42.0	03.0	20.2	33.1	72.4	10.2			
48.0	10.4	02.0	11.0	24.6	58.7	14.7	38.0	66.5	19.3	49.8	70.7	18.2	i		
50.0				17.1	53.3	13.7	33.5	63.7	18.5	46.3	68.9	17.4			
55.0		<u></u>					18.3	53.0	16.4	36.4	63.1	15.9			
56.0							15.2	50.7	15.0						
60.0										23.2	54.1	14.5			
62.0										16.6	49.3	12.8			
66.2													35.0	54.2	10.2
70.0													25.0	47.4	9.6
73.0													15.8	40.7	8.8



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 I	gulo de orincipa	pluma I	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	al, Punto dumín (2 n] Posici	316-1) 4	7.5 m Pl	eza de p umín	lumín				
14.4	78.0	87.4	46.2												
16.0	76.0	87.0	45.2												
18.0	73.5	86.4	40.1												
20.0	70.9	85.8	34.0												
21.7				73.0	86.0	40.8									
22.0	68.3	85.0	29.8	72.6	85.9	40.8									
24.0	65.7	84.1	26.1	70.1	85.2	39.3									
26.0	63.0	83.1	23.3	67.5	84.4	36.9									
28.0	60.2	82.0	21.2	64.8	83.5	32.7									
30.0	57.4	80.8	19.6	62.1	82.4	29.5									
32.0	54.5	79.4	18.1	59.3	81.3	26.8									
33.1							65.0	82.4	27.2						
34.0	51.4	77.8	17.0	56.5	80.0	24.3	63.9	82.0	27.6						
36.0	48.2	76.1	15.9	53.5	78.6	22.3	61.1	80.9	26.1						
38.0	44.9 41.3	74.2 72.0	14.9	50.4 47.2	77.0 75.2	20.6	58.3	79.7 78.4	24.8						
40.0	37.4	1	14.0 13.2	47.2	73.2	19.1 17.7	55.4 52.4	78.4 76.9	23.3 22.2						
42.0 44.0	37.4	69.5 66.6	13.2	43.8 40.1	70.9	16.5	52.4 49.3	76.9 75.2	21.3						
44.0	28.4	63.2	11.9	36.1	68.3	15.4	49.3 46.0	73.3	20.2	ł					
46.4	20.4	03.2	11.5	30.1	00.5	13.4	40.0	75.5	20.2	55.0	75.7	17.6			
48.0	22.6	58.8	11.3	31.7	65.2	14.5	42.5	71.2	19.2	52.8	74.6	18.3			
50.0	16.4	53.9	9.9	26.7	61.5	13.7	38.7	68.8	18.4	49.7	73.0	17.4			
53.0		00.0	0.0	16.5	53.7	12.4	00	00.0			7 0.0				
55.0							27.4	60.9	16.5	41.1	67.9	15.7	Ī		
58.0							17.7	53.5	15.3						
60.0										30.7	60.9	14.4			
65.0										16.1	49.7	12.1			
68.7													35.0	55.9	9.6
70.0													32.1	53.9	9.2
75.0													19.5	44.4	8.1
76.0													15.3	41.1	7.8



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	0.5 m Pl	eza de p umín	lumín				
15.0	78.0	90.3	42.8												
16.0	76.8	90.1	42.8												
18.0	74.5	89.6	38.7												
20.0	72.1	88.9	33.7												
22.0	69.7	88.2	29.3												
22.6				73.0	88.8	38.3									
24.0	67.2	87.4	26.0	71.3	88.4	38.0									
26.0	64.7	86.5	23.2	68.9	87.6	35.8									
28.0	62.2	85.5	21.0	66.4	86.8	33.1									
30.0	59.6	84.3	19.4	63.9	85.8	29.7									
32.0	56.9	83.1	17.9	61.4	84.8	27.2									
34.0	54.1	81.6	16.7	58.7	83.6	24.7	05.0	05.4	00.5						
34.4 36.0	51.2	80.1	15.6	56.0	82.3	22.5	65.0 63.0	85.1 84.3	26.5 26.1						
38.0	48.2	78.4	14.7	53.2	80.8	20.6	60.4	83.2	24.5						
40.0	45.1	76.4	13.8	50.3	79.2	19.2	57.7	82.0	23.3						
42.0	41.7	74.3	12.9	47.2	77.4	17.8	55.0	80.6	22.1						
44.0	38.2	71.8	12.2	44.0	75.4	16.5	52.2	79.1	21.1						
46.0	34.3	69.0	11.6	40.6	73.2	15.4	49.2	77.4	20.2				i		
48.0	29.9	65.8	11.0	36.9	70.6	14.4	46.1	75.6	19.2						
48.2										55.0	78.2	16.7			
50.0	24.9	61.8	10.5	32.9	67.7	13.6	42.8	73.5	18.4	52.6	76.9	17.3			
53.0	15.9	54.4	8.8												
55.0				19.8	57.3	11.7	33.5	67.0	16.5	44.9	72.4	15.6			
56.0				16.0	54.1	11.3									
60.0							20.8	56.9	14.7	36.1	66.4	14.1			
61.0							17.2	53.9	14.3						
65.0										24.6	57.7	13.0			
68.0										15.5	50.1	11.3			
71.2													35.0	57.7	8.7
75.0													27.7	52.1	7.8
78.0													18.8	44.9	7.2



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa		65° Án	gulo de orincipa	pluma I	45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2: ı] Posici	316-1) 5	3.5 m Pl	eza de p umín	lumín		-		
15.6 16.0 18.0 20.0 22.0	78.0 77.6 75.4 73.1 70.9	93.3 93.2 92.7 92.1 91.4	38.8 38.8 36.9 33.4 28.6			_									
23.5 24.0 26.0 28.0 30.0	68.6 66.3 63.9 61.5	90.7 89.8 88.8 87.8	25.3 22.7 20.6 19.0	73.0 72.4 70.1 67.8 65.5	91.7 91.5 90.8 90.1 89.2	34.7 34.6 33.7 32.3 29.6									
32.0 34.0 35.6 36.0	59.0 56.4 53.8	86.6 85.3 83.9	17.6 16.3 15.2	63.1 60.7 58.2	88.2 87.1 85.9	26.9 24.9 22.6	65.0 64.6	87.8 87.7	24.6 25.0						
38.0 40.0 42.0 44.0 46.0	51.1 48.2 45.3 42.1 38.8	82.3 80.6 78.7 76.5 74.1	14.3 13.4 12.6 11.9 11.2	55.6 52.9 50.2 47.3 44.3	84.5 83.1 81.4 79.7 77.7	20.6 19.0 17.6 16.4 15.2	62.2 59.8 57.2 54.6 51.9	86.6 85.5 84.3 82.9 81.3	24.2 22.8 21.8 20.6 19.7						
48.0 49.9 50.0 55.0 56.0 59.0	35.2 31.2 18.0 15.4	71.4 68.3 57.1 54.7	10.6 10.1 8.8 7.8	37.7 27.5	75.5 73.0 65.0 54.5	13.3 11.5	49.1 46.2 38.1	79.7 77.8 72.2	18.9 18.0 16.2	55.0 55.0 48.1	80.6 80.6 76.6	15.7 16.5 15.2			
60.0 64.0 65.0 70.0 71.0				10.0	<u> </u>	10.1	28.2 16.7	64.3 54.4	14.5 13.0	40.3 31.0 17.7 15.1	71.3 64.2 52.9 50.5	13.7 12.6 11.6 10.4			
73.6 75.0 80.0 81.0													35.0 33.4 21.5 18.3	59.4 58.1 48.3 45.4	7.7 7.4 6.4 6.2



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	6.5 m Pl	eza de p umín	lumín				
16.2	78.0	96.2	35.6												
18.0	76.2	95.8	35.2												
20.0	74.1	95.2	32.6												
22.0	71.9	94.6	28.4												
24.0	69.8	93.9	24.8												
24.4				73.0	94.6	31.9									
26.0	67.6	93.1	22.3	71.2	94.0	31.6									
28.0	65.4	92.2	20.3	69.1	93.3	30.7									
30.0	63.1	91.2	18.7	66.9	92.5	29.6									
32.0	60.8	90.1	17.4	64.6	91.5	26.9									
34.0	58.4	88.9	16.1	62.4	90.5	24.8									
36.0 36.9	56.0	87.6	15.0	60.0	89.4	22.9	65.0	90.5	23.3						
38.0	53.5	86.1	14.0	57.7	88.2	20.9	63.8	90.5	23.5						
40.0	50.9	84.6	13.2	57.7 55.2	86.8	19.1	61.5	89.0	22.6						
42.0	48.2	82.8	12.5	52.7	85.3	17.6	59.2	87.8	21.4						
44.0	45.4	80.9	11.7	50.1	83.7	16.4	56.8	86.5	20.4						
46.0	42.5	78.8	11.0	47.3	81.9	15.3	54.3	85.1	19.3				i		
48.0	39.3	76.4	10.4	44.5	79.9	14.2	51.7	83.6	18.5				i		
50.0	36.0	73.8	9.8	41.5	77.7	13.3	49.1	81.9	17.8						
51.6										55.0	83.1	14.7			
55.0	25.9	65.3	8.7	33.0	71.0	11.4	41.9	76.9	15.8	50.8	80.5	14.9			
58.0	17.5	57.5	8.0												
60.0				21.7	61.1	9.8	33.5	70.3	14.3	43.8	75.8	13.5			
62.0				15.1	54.9	9.2									
65.0							22.5	60.7	12.7	35.8	69.7	12.3			
67.0							16.2	54.8	12.0						
70.0										25.7	61.2	11.3			
73.0										17.2	53.3	10.8			
76.1													35.0	61.1	7.1
80.0													28.4	55.5	6.3
84.0													17.8	45.9	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 principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	9.5 m Pl		lumín				
16.9 18.0	78.0 76.9	99.1 98.9	32.5 32.5												
20.0	74.9	98.4	30.7	l						ł					
22.0	72.9	97.8	28.1										i		
24.0	70.8	97.1	24.4	i						i					
25.2				73.0	97.5	29.2									
26.0	68.8	96.3	21.8	72.2	97.2	29.1									
28.0	66.7	95.5	19.8	70.2	96.5	28.6									
30.0	64.6	94.6	18.2	68.1	95.7	27.9									
32.0	62.4	93.5	16.9	66.0	94.8	26.3									
34.0	60.2	92.4	15.7	63.9	93.9	24.3									
36.0	57.9	91.2	14.6	61.7	92.8	22.8									
38.0	55.6	89.9	13.6	59.5	91.7	21.0									
38.2			40.7			10.1	65.0	93.3	22.2						
40.0	53.2	88.4	12.7	57.2	90.4	19.1	63.1	92.4	22.0	-					
42.0 44.0	50.8 48.2	86.8 85.1	12.0 11.3	54.9 52.5	89.1 87.6	17.5 16.2	60.9 58.7	91.3 90.1	20.8 19.9						
44.0 46.0	45.6	83.2	10.6	52.5 50.0	85.9	15.1	56.4	88.8	18.9	l					
48.0	42.8	81.1	10.0	47.4	84.1	14.0	54.0	87.4	17.9				i		
50.0	39.8	78.7	9.4	44.7	82.2	13.1	51.6	85.8	17.2						
53.3	00.0		0.1		02.2		01.0	00.0		55.0	85.5	13.9			
55.0	31.4	71.6	8.3	37.3	76.3	11.0	45.1	81.3	15.4	53.1	84.4	14.5			
60.0	20.1	61.0	7.3	28.2	68.4	9.6	37.7	75.5	13.9	46.8	80.1	13.1	İ		
61.0	17.0	58.0	7.1	1											
65.0				15.9	56.5	7.5	28.8	67.7	12.4	39.7	74.7	11.9			
70.0							15.8	55.2	10.8	31.3	67.5	11.0			
75.0										19.9	56.9	10.1			
76.0										16.8	53.7	9.9			
78.5													35.0	62.8	6.2
80.0				-									33.4	61.4	5.9
85.0													23.0	51.9	5.0
87.0		l		I						I			17.3	46.3	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		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]
				38.0 ו	m Pluma Cab	eza de p	ll, Punto lumín (2: n] Posici	316-1) 6	2.5 m Pl	eza de p umín	lumín		-		
17.5 18.0 20.0 22.0 24.0 26.0	78.0 77.5 75.6 73.7 71.8 69.8	102.1 102.0 101.5 100.9 100.3	30.0 30.0 29.2 27.8 24.3 21.6												
26.1 28.0 30.0 32.0	67.9 65.9 63.8	98.7 97.9 96.9	19.6 18.0 16.6	73.0 71.2 69.2 67.2	100.3 99.7 99.0 98.1	27.3 27.0 26.5 26.0									
34.0 36.0 38.0 39.5	61.8 59.7 57.5	95.9 94.7 93.5	15.5 14.4 13.4	65.2 63.2 61.1	97.2 96.2 95.2	24.1 22.5 21.3	65.0	96.0	21.1						
40.0 42.0 44.0 46.0 48.0	55.3 53.0 50.7 48.2 45.7	92.1 90.6 89.0 87.3 85.4	12.5 11.7 11.1 10.4 9.8	59.0 56.8 54.6 52.3 49.9	94.0 92.7 91.3 89.8 88.2	19.4 17.7 16.3 15.0 14.0	64.5 62.4 60.3 58.2 56.0	95.7 94.7 93.6 92.4 91.1	21.1 20.6 19.5 18.6 17.7						
50.0 55.0 55.1 60.0	43.0 35.7 26.8	83.3 77.1 68.7	9.3 8.0 7.1	47.4 40.8 33.0	86.4 81.1 74.3	13.1 11.0	53.7 47.8 41.2	89.6 85.5 80.3	16.8 15.1	55.0 49.4	88.0 84.2	13.1 12.7			
64.0 65.0 68.0 70.0	16.6	58.4	6.3	23.1 15.5	64.8 56.9	8.2 6.7	33.5 23.8	73.6 64.3	12.4	42.9 35.6	79.3 73.1	11.6			
73.0 75.0 79.0 81.0 85.0							15.4	55.6	9.9	26.6 16.3	64.6 54.2	9.8 8.9	35.0 28.9	64.5 58.9	5.4 4.8
90.0													26.9 16.9	56.9 46.8	4.0



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	5.5 m Pl	eza de p umín	lumín		-		
18.1 20.0 22.0 24.0 26.0	78.0 76.3 74.5 72.7 70.8	105.0 104.6 104.0 103.4 102.7	27.0 26.7 25.5 23.6 21.1			_			,						
27.0 28.0 30.0 32.0 34.0	68.9 67.0 65.1 63.2	102.0 101.2 100.2 99.3	19.4 17.7 16.3 15.1	73.0 72.1 70.2 68.3 66.4	103.2 102.9 102.2 101.4 100.5	24.5 24.5 24.1 23.5 22.8									
36.0 38.0 40.0 40.7 42.0	61.2 59.2 57.1	98.2 97.0 95.7	14.2 13.2 12.3	64.5 62.5 60.5 58.5	99.6 98.6 97.5	21.6 20.8 19.8	65.0 63.8	98.7 98.1	19.6 20.0						
44.0 46.0 48.0 50.0 55.0	52.8 50.5 48.2 45.8 39.3	92.9 91.3 89.5 87.6 82.1	10.8 10.2 9.6 9.0 7.8	56.4 54.3 52.1 49.8 43.8	95.0 93.6 92.0 90.4 85.6	16.5 15.2 14.0 13.1 11.0	63.6 61.8 59.8 57.8 55.6 50.1	97.0 95.9 94.7 93.3 89.5	19.2 18.2 17.5 16.6 14.9						
56.8 60.0 65.0 67.0 70.0	31.6 21.7 16.2	75.0 64.8 58.8	6.8 6.0 5.6	36.9 28.7	79.6 71.7 59.7	9.3 8.1 6.8	44.1 37.3 29.3	84.8 78.8 71.1	13.4 12.2	55.0 51.6 45.7 39.2	90.4 88.1 83.6 78.0	12.3 12.5 11.4			
71.0 75.0 76.0 80.0 82.0				15.2	57.3	6.0	18.1 16.1	59.4 57.2	9.4 8.5	31.5 20.8 16.0	70.9 59.9 54.6	9.5 8.3 7.9			
83.4 85.0 90.0 93.0													35.0 33.4 24.2 16.5	66.3 64.8 55.5 47.2	4.6 4.4 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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	8.5 m Plı	eza de p umín	lumín				
18.7	78.0	107.9	24.5												
20.0 22.0	76.9 75.2	107.7 107.1	24.5 23.5												
24.0	73.4	107.1	23.5												
26.0	71.7	105.9	20.5												
27.9				73.0	106.1	22.2									
28.0	69.9	105.2	19.0	72.9	106.0	22.2									
30.0	68.1	104.4	17.6	71.1	105.3	22.0									
32.0	66.3	103.6	16.2	69.3	104.6	21.5									
34.0	64.4	102.6	14.9	67.5	103.8	21.1									
36.0	62.6	101.6	13.9	65.7	102.9	20.4									
38.0	60.7	100.5	13.0	63.8	102.0	19.9									
40.0	58.7 56.7	99.3	12.1	62.0	100.9 99.8	19.4	05.0	101.4	18.9						
42.0 44.0	56.7	98.0 96.6	11.3 10.6	60.0 58.1	99.8 98.6	18.5 16.9	65.0 63.2	101.4	18.9						
46.0	52.6	95.1	9.9	56.1	97.2	15.4	61.3	99.4	17.9						
48.0	50.4	93.5	9.4	54.0	95.8	14.2	59.3	98.2	17.5						
50.0	48.2	91.8	8.9	51.9	94.3	13.1	57.4	96.9	16.4						
55.0	42.3	86.7	7.6	46.3	89.9	11.1	52.2	93.4	14.5						
58.5										55.0	92.9	11.6			
60.0	35.6	80.4	6.6	40.2	84.5	9.3	46.7	89.0	13.2	53.6	91.9	12.2			
65.0	27.4	72.1	5.8	33.1	77.6	8.0	40.5	83.7	11.9	48.1	87.7	11.0			
70.0	15.8	59.2	5.0	24.2	68.3	6.9	33.5	76.9	10.8	42.2	82.7	10.1			
73.0				16.9	60.1	6.2									
75.0							24.8	67.8	9.5	35.4	76.4	9.2			
79.0							15.7	57.6	7.7	27.2	60.0	0.0			
80.0 85.0										27.3 15.6	68.0 55.0	8.2 7.1			
85.9										10.0	55.0	7.1	35.0	68.0	4.0
90.0													29.4	62.2	3.4
95.0													18.9	50.9	2.7
96.0													16.1	47.6	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 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]
				38.0 ı	m Pluma Cab	eza de p	ıl, Punto ılumín (2 ı] Posici	316-1) 7	1.5 m Pl		lumín				
19.4	78.0	110.9	22.4												
20.0	77.5	110.7	22.4							i			İ		
22.0	75.8	110.2	21.8							i			İ		
24.0	74.2	109.7	21.0												
26.0	72.5	109.1	19.6												
28.0	70.8	108.4	18.2												
28.7				73.0	108.9	20.4									
30.0	69.1	107.6	17.1	71.9	108.5	20.4									
32.0	67.3	106.8	15.7	70.2	107.8	20.1									
34.0	65.6	105.9	14.4	68.5	107.0	19.7									
36.0	63.8	105.0	13.4	66.8	106.2	19.3									
38.0	62.0 60.2	103.9 102.8	12.5 11.7	65.0 63.2	105.3 104.3	18.8 18.4							ł		
40.0 42.0	58.3	102.8	10.9	61.4	104.3	18.4									
43.3	30.3	101.0	10.9	01.4	103.2	10.0	65.0	104.1	17.7						
44.0	56.4	100.3	10.2	59.6	102.1	16.8	64.4	103.8	17.7						
46.0	54.4	98.9	9.5	57.7	100.8	15.4	62.6	102.8	17.4						
48.0	52.4	97.4	8.9	55.8	99.5	14.1	60.8	101.7	16.5	i			İ		
50.0	50.3	95.8	8.5	53.8	98.1	13.0	58.9	100.5	15.8						
55.0	44.9	91.1	7.2	48.6	94.0	10.8	54.1	97.1	14.0						
60.0	38.8	85.5	6.2	43.0	89.0	9.1	48.9	93.1	12.7						
60.2										55.0	95.4	10.9			
65.0	31.8	78.3	5.4	36.7	83.0	7.7	43.3	88.2	11.5	50.3	91.7	10.6			
70.0	23.0	68.4	4.7	29.2	75.1	6.6	37.0	82.2	10.4	44.8	87.1	9.7			
73.0	15.5	59.6	4.3												
75.0				19.2	63.7	5.6	29.6	74.4	9.3	38.7	81.4	8.8			
76.0				16.6	60.6	5.4	10.0	62.4	0.0	24.2	72.0	7.0			
80.0 82.0							19.9 15.4	63.4 58.0	8.0 6.8	31.3	73.8	7.8	f		
85.0							10.4	36.0	0.0	22.2	63.6	6.8			
88.0										16.2	56.6	6.2			
88.4										10.2	00.0	0.2	35.0	69.7	3.2
90.0													33.4	68.1	3.1
95.0													25.1	59.0	2.4
97.0													21.0	54.2	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]
				38.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 7	4.5 m Pl		lumín				
20.0	78.0	113.8	21.0												
22.0	76.4	113.3	20.7												
24.0	74.8	112.8	20.0												
26.0	73.2	112.2	19.1												
28.0	71.6	111.6	17.7												
29.6				73.0	111.8	19.3									
30.0	70.0	110.9	16.6	72.7	111.7	19.3									
32.0	68.3	110.1	15.5	71.1	111.0	19.2									
34.0	66.6	109.2	14.3	69.4	110.3	18.8									
36.0	64.9	108.3	13.2	67.8	109.5	18.5									
38.0	63.2	107.3	12.2	66.1	108.6	18.1									
40.0	61.5	106.3	11.5	64.4	107.7	17.7									
42.0	59.7	105.1	10.7	62.7	106.6	17.4									
44.0	57.9	103.9	10.0	60.9	105.6	17.1	05.0	106.8	16.5						
44.5 46.0	56.1	102.6	9.3	59.1	104.4	15.7	65.0 63.8	106.8	16.8						
48.0	54.2	102.6	9.3 8.7	57.3	104.4	14.3	62.0	105.1	16.3						
50.0	52.2	99.6	8.2	55.5	103.1	13.1	60.3	103.1	15.4						
55.0	47.2	95.3	7.1	50.6	97.9	10.8	55.7	100.8	13.4						
60.0	41.6	90.1	6.1	45.4	93.4	9.1	50.9	97.0	12.4						
61.9	71.0	00.1	0.1	40.4	00.4	0.1	00.0	07.0	12.7	55.0	97.8	10.3			
65.0	35.4	83.8	5.2	39.7	87.9	7.6	45.7	92.5	11.2	52.2	95.6	10.3			
70.0	28.0	75.5	4.5	33.1	81.0	6.5	40.0	87.0	10.2	47.1	91.3	9.4	i		
75.0	17.9	63.5	3.9	25.1	71.8	5.6	33.5	80.2	9.2	41.5	86.1	8.5	İ		
76.0	15.2	60.0	3.7												
79.0				16.2	61.0	4.8									
80.0							25.6	71.3	8.0	35.0	79.4	7.6			
85.0							15.1	58.4	6.2	28.4	72.0	6.5			
90.0										18.6	60.3	5.6			
90.8													35.0	71.4	2.6
91.0										15.9	57.0	5.4			
95.0													29.7	65.6	2.1



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
	-			38.0 ı			ıl, Punto lumín (2:			eza de p	lumín		_		
] Posici								
20.6	78.0	116.7	19.3												
22.0	76.9	116.4	19.3												
24.0	75.4	115.9	18.5												
26.0	73.9	115.4	18.0												
28.0	72.3	114.7	16.9												
30.0	70.8	114.0	15.9	70.0	114.7	17.7									
30.5 32.0	69.2	113.3	15.2	73.0 71.8	114.7	17.7									
34.0	67.6	112.5	14.0	71.6	113.5	17.6									
36.0	66.0	111.6	12.9	68.7	112.7	17.0									
38.0	64.3	110.7	12.0	67.1	111.9	16.7									
40.0	62.7	109.7	11.2	65.5	111.0	16.3									
42.0	61.0	108.6	10.5	63.8	110.0	15.9									
44.0	59.3	107.4	9.7	62.2	109.0	15.6									
45.8							65.0	109.6	15.6						
46.0	57.5	106.2	9.1	60.5	107.9	15.2	64.9	109.5	15.6						
48.0	55.8	104.8	8.5	58.7	106.7	14.0	63.2	108.5	15.6						
50.0	54.0	103.4	7.9	57.0	105.4	12.9	61.5	107.4	15.0						
55.0	49.2	99.4	6.8	52.4	101.8	10.6	57.2	104.4	13.6						
60.0	44.1	94.6	5.8	47.6	97.5	9.0	52.7	100.9	12.1						
63.7										55.0	100.3	9.7			
65.0	38.4	88.8	4.9	42.3	92.5	7.5	47.9	96.6	11.0	53.9	99.4	9.9			
70.0	32.0 24.0	81.6 72.0	4.3 3.7	36.4 29.6	86.3	6.3	42.6 36.8	91.6	9.9 9.0	49.1	95.3 90.5	9.1 8.3			
75.0 79.0	15.8	61.6	2.9	29.0	78.5	5.4	30.0	85.5	9.0	44.0	90.5	0.3			
80.0	10.0	01.0	2.9	20.7	67.6	4.5	30.0	77.8	8.0	38.1	84.5	7.2			
82.0				15.9	61.4	4.5	30.0	11.0	0.0	30.1	04.5	1.2			
85.0				10.0	01.7	7.1	21.3	67.2	6.8	32.3	78.1	6.2			
87.0							16.6	61.2	6.3						
90.0										24.4	68.6	5.3			
94.0										15.6	57.4	4.6		, and the second	



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	0.5 m Plı	eza de p umín	lumín				
21.2	78.0	119.7	17.8												
22.0	77.4	119.5	17.8												
24.0	76.0	119.0	17.3												
26.0	74.5	118.5	16.7												
28.0	73.0	117.9	16.1												
30.0	71.5	117.2	15.2												
31.4				73.0	117.5	16.3									
32.0	70.0	116.5	14.6	72.5	117.3	16.3									
34.0	68.5	115.7	13.8	71.0	116.7	16.1									
36.0	66.9	114.9	12.7	69.5	115.9	15.8									
38.0	65.4	114.0	11.8	68.0	115.1	15.5									
40.0	63.8	113.0	10.9	66.4	114.3	15.2									
42.0	62.2	112.0	10.2	64.9	113.4	14.8									
44.0	60.6	110.9	9.6	63.3	112.4	14.5									
46.0	58.9	109.7	8.9	61.7	111.3	14.2									
47.1							65.0	112.3	14.7						
48.0	57.2	108.4	8.3	60.0	110.2	13.6	64.3	111.9	14.7						
50.0 55.0	55.5 51.0	107.1 103.3	7.7 6.6	58.4 54.1	109.0 105.6	12.6 10.5	62.7 58.6	110.8 108.0	14.5 13.2						
	46.3	98.8	5.6	49.5	105.6	8.9	54.3	106.0	11.8						
60.0 65.0	41.1	93.5	4.8	49.5	96.9	7.5	49.8	104.6	10.7						
65.4	41.1	93.5	4.0	44.0	96.9	7.5	49.6	100.7	10.7	55.0	102.7	9.0			
70.0	35.3	87.1	4.0	39.2	91.2	6.2	44.9	96.0	9.7	55.0 51.0	99.3	8.9			
75.0	28.4	78.9	3.5	33.2	84.3	5.3	39.6	90.4	8.8	46.2	99.3	8.1			
80.0	19.5	67.5	2.9	25.8	75.3	4.4	33.5	83.6	8.0	40.2	89.2	7.1			
82.0	15.5	62.0	2.4	20.0	10.0	7.7	55.5	00.0	0.0	70.0	00.2	7.1			
85.0	10.0	02.0	2.7	15.6	61.8	3.6	26.3	74.7	6.8	34.9	82.7	6.1			
90.0				10.0	01.0	0.0	16.3	61.6	5.7	28.8	75.4	5.2			
95.0				Ī			1	00	.	20.1	64.2	4.3			
97.0										15.3	57.8	4.0			



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8:	3.5 m Plı		lumín				
21.8	78.0	122.6	16.3												
22.0	77.9	122.6	16.3												
24.0	76.5	122.1	16.1												
26.0	75.1	121.6	15.6												
28.0	73.6	121.0	15.3												
30.0	72.2	120.4	14.5												
32.0	70.7	119.7	13.9												
32.2				73.0	120.4	15.1									
34.0	69.3	119.0	13.4	71.7	119.8	15.1									
36.0	67.8	118.2	12.5	70.3	119.1	14.8									
38.0	66.3	117.3	11.6	68.8	118.4	14.5									
40.0 42.0	64.8 63.3	116.4 115.4	10.7 9.9	67.3 65.8	117.5 116.7	14.2 13.9									
42.0 44.0	61.7	114.3	9.9	64.3	115.7	13.9									
46.0	60.1	113.2	8.7	62.8	114.7	13.4									
48.0	58.5	112.0	8.1	61.2	113.6	13.4									
48.3	30.5	112.0	0.1	01.2	110.0	15.2	65.0	115.0	13.0						
50.0	56.9	110.7	7.5	59.6	112.5	12.4	63.8	114.2	13.5						
55.0	52.7	107.1	6.3	55.5	109.3	10.3	59.9	111.5	12.7						
60.0	48.2	102.9	5.4	51.3	105.5	8.8	55.8	108.3	11.6						
65.0	43.4	98.0	4.5	46.7	101.1	7.4	51.5	104.6	10.4						
67.1										55.0	105.2	8.5			
70.0	38.1	92.1	3.8	41.7	95.9	6.1	46.9	100.2	9.5	52.6	103.1	8.6			
75.0	32.1	84.9	3.2	36.2	89.6	5.0	42.0	95.0	8.5	48.1	98.9	7.8			
80.0	24.8	75.5	2.7	29.9	81.8	4.2	36.5	88.8	7.8	43.3	94.0	6.8			
84.0	16.9	64.8	2.2												
85.0				21.9	71.3	3.5	30.2	81.1	6.8	38.4	88.5	5.8			
88.0				15.3	62.2	3.0									
90.0							22.4	70.9	5.7	32.4	81.4	4.9			
93.0							16.0	62.1	5.0						
95.0										25.2	72.1	4.0			
99.0	I									17.5	61.7	3.4			



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		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו	n Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	6.5 m Plı	eza de p umín	lumín				
22.5	78.0	125.6	15.1												
24.0	77.0	125.2	15.1												
26.0	75.6	124.7	14.7												
28.0	74.2	124.1	14.4												
30.0	72.8	123.5	13.9												
32.0	71.4	122.9	13.3												
33.1				73.0	123.3	14.1									
34.0	70.0	122.2	12.9	72.4	123.0	14.0									
36.0	68.6	121.4	12.4	71.0	122.3	13.9									
38.0	67.2	120.6	11.4	69.6	121.6	13.6									
40.0	65.7 64.3	119.7 118.7	10.5 9.7	68.2 66.7	120.8 120.0	13.4 13.1									
42.0 44.0	62.8	118.7	9.7 9.1	65.3	120.0	13.1									
46.0	61.3	116.6	8.5	63.8	118.1	12.9									
48.0	59.8	115.5	7.9	62.3	117.0	12.4									
49.6	00.0	110.0	7.0	02.0	117.0	12.7	65.0	117.7	12.6						
50.0	58.2	114.3	7.3	60.8	115.9	12.3	64.7	117.6	12.6						
55.0	54.2	110.9	6.1	56.9	112.9	10.2	61.0	114.9	12.3						
60.0	50.0	106.9	5.2	52.8	109.3	8.6	57.1	111.9	11.3						
65.0	45.5	102.3	4.3	48.5	105.2	7.3	53.1	108.4	10.1						
68.8										55.0	107.6	8.0			
70.0	40.6	96.9	3.6	43.9	100.3	6.0	48.8	104.3	9.2	54.1	106.9	8.2			
75.0	35.1	90.4	3.0	38.9	94.6	4.9	44.2	99.4	8.3	49.9	102.9	7.6			
80.0	28.8	82.3	2.5	33.2	87.6	4.1	39.2	93.8	7.5	45.2	98.1	6.5			
85.0				26.5	78.7	3.4	33.5	86.9	6.8	40.8	93.3	5.5			
90.0				17.4	66.1	2.7	26.9	78.2	5.8	35.4	86.8	4.6			
91.0				15.0	62.6	2.5									
95.0							18.0	65.8	4.7	29.2	78.8	3.8			
96.0							15.7	62.5	4.4						
100.0										21.3	68.0	3.0			
102.0										17.2	62.1	2.7			



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

	88° Án 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]
				38.0 ı		eza de p	lumín (2	316-1) 8	9.5 m Pli	eza de p umín	lumín				
						43.0 [11] Posici	on midia	11 (2316)						
23.2	78.0	128.5	13.2												
24.0	77.4	128.3	13.2												
26.0	76.1	127.8	13.0												
28.0	74.8	127.3	12.7												
30.0	73.4	126.7	12.5												
32.0	72.1	126.1	12.0	70.0	400.4	40.0									
34.0	70.7 69.4	125.4 124.6	11.7 11.4	73.0 71.7	126.1 125.5	12.3 12.3									
36.0 38.0	68.0	124.6	10.7	71.7	125.5	12.3									
40.0	66.6	123.0	9.9	68.9	124.0	11.8									
42.0	65.2	122.0	9.1	67.5	123.2	11.6									
44.0	63.7	121.1	8.5	66.1	122.3	11.3									
46.0	62.3	120.0	7.9	64.7	121.4	11.0									
48.0	60.8	118.9	7.4	63.3	120.4	10.8									
50.0	59.3	117.7	6.8	61.8	119.3	10.6									
50.9							65.0	120.4	10.9						
55.0	55.5	114.5	5.7	58.1	116.4	9.3	62.0	118.3	10.8						
60.0	51.5	110.7	4.7	54.2	113.0	8.0	58.3	115.4	10.2						
65.0	47.2	106.3	3.9	50.1	109.0	7.0	54.4	112.0	9.3						
70.0	42.6	101.2	3.2	45.7	104.4	5.7	50.3	108.1	8.6						
70.5										55.0	110.1	7.4			
75.0	37.6	95.2	2.6	41.0	99.0	4.6	46.0	103.5	7.8	51.4	106.7	7.1			
80.0				35.8	92.6	3.7	41.3	98.2	7.1	47.1	102.3	6.1			
85.0				29.8	84.7	3.1	36.1	91.8	6.5	43.0	97.8	5.2			
90.0				22.4	74.3	2.4	30.1	84.0	5.5	38.1	91.9	4.3			
92.0				18.6	68.8	2.1									
95.0							22.8	73.8	4.5	32.5	84.7	3.4			
99.0							16.2	64.1	3.5						
100.0										25.8	75.6	2.7			
104.0										19.0	65.7	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 principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eza de p	ıl, Punto lumín (2 ı l Posici	316-1) 9:	2.5 m Pli	eza de p umín	lumín				
L						40.0[11	i j Fusici	on midia	11 (2310)						
23.8	78.0	131.4	12.2												
24.0	77.9	131.4	12.2												
26.0 28.0	76.6 75.3	130.9 130.4	12.1 11.8												
30.0	74.0	129.8	11.6												
32.0	72.7	129.8	11.0												
34.0	71.4	129.2	10.9												
34.9	/ 1.4	120.5	10.9	73.0	129.0	11.3									
36.0	70.1	127.8	10.7	72.3	129.0	11.3									
38.0	68.7	127.0	10.7	71.0	128.0	11.1									
40.0	67.4	126.2	9.6	69.6	127.2	10.9									
42.0	66.0	125.4	8.9	68.3	126.5	10.7									
44.0	64.7	124.4	8.2	67.0	125.6	10.4							i		
46.0	63.3	123.4	7.7	65.6	124.7	10.1		İ					İ		
48.0	61.9	122.4	7.2	64.2	123.8	9.9									
50.0	60.4	121.2	6.7	62.8	122.7	9.7									
52.1							65.0	123.2	9.8						
55.0	56.8	118.1	5.5	59.2	119.9	8.8	63.0	121.7	9.8						
60.0	52.9	114.5	4.5	55.5	116.7	7.7	59.4	118.9	9.3						
65.0	48.9	110.4	3.8	51.6	112.9	6.8	55.7	115.7	8.8						
70.0	44.6	105.6	3.1	47.5	108.6	5.7	51.9	112.0	8.2						
72.3										55.0	112.6	6.9			
75.0	40.0	100.0	2.4	43.1	103.6	4.6	47.8	107.7	7.6	52.9	110.5	6.8			
80.0				38.3	97.6	3.6	43.4	102.7	6.8	48.8	106.4	5.9			
85.0				32.9	90.5	2.9	38.6	96.8	6.2	45.0	102.1	5.0			
90.0				26.6	81.6	2.3	33.3	89.8	5.6	40.4	96.6	4.1			
95.0							27.0	81.0	4.6	35.3	90.1	3.2			
100.0							18.9	69.0	3.6	29.5	82.1	2.5			
102.0							16.0	64.5	3.1	05.4	70.0	0.4			
103.0										25.4	76.3	2.1			



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

Ceb File F			gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (2316-1) 95.5 m Plumín 49.0 [m] Posición midfall (2316) 24.4 78.0 134.4 11.1 26.0 77.0 134.0 11.1 28.0 75.8 133.5 10.9 30.0 74.5 132.9 10.6 32.0 73.3 132.4 10.4 34.0 72.0 131.7 10.1 35.8 73.0 131.9 10.3 38.0 69.4 130.3 9.7 71.6 131.1 10.3 40.0 68.1 129.5 9.2 70.3 130.4 10.0 42.0 66.8 128.6 8.5 69.0 129.7 9.8 44.0 65.5 127.7 7.9 67.7 128.9 9.6 44.0 65.5 127.7 7.9 67.7 128.9 9.6 44.0 65.5 127.7 7.9 67.7 128.9 9.6 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 50.0 61.5 124.7 6.4 63.7 126.1 9.0 50.0 65.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 77.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 90.0 40.4 68.8 106.3 4.6 90.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 90.0 40.4 10.4 5.6 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7	ce	o de plumín	de rolda- nas		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]
26.0					38.0 ו	m Pluma Cab	eza de p	lumín (2:	316-1) 9	5.5 m Plı	eza de p umín	lumín		_		
28.0 75.8 133.5 10.9 10.6 30.0 74.5 132.9 10.6 32.0 73.3 132.4 10.4 33.0 73.0 131.7 10.1 35.8 70.7 131.0 9.9 72.9 131.8 10.3 38.0 69.4 130.3 9.7 71.6 131.1 10.3 40.0 68.1 129.5 9.2 70.3 130.4 10.0 42.0 66.8 128.6 8.5 69.0 129.7 9.8 44.0 66.5 127.7 7.9 67.7 128.9 9.6 46.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.9 8.9 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 65.0 125.9 8.9 55.0 114.4 3.5	24.4		134.4													
30.0	26.0		134.0	11.1												
32.0														<u> </u>		
34.0 72.0 131.7 10.1 73.0 131.9 10.3 36.0 70.7 131.0 9.9 72.9 131.8 10.3 38.0 69.4 130.3 9.7 71.6 131.1 10.3 40.0 68.1 129.5 9.2 70.3 130.4 10.0 42.0 66.8 128.6 8.5 69.0 129.7 9.8 44.0 65.5 127.7 7.9 67.7 128.9 9.6 48.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 66.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7																
35.8 36.0																
36.0 70.7 131.0 9.9 72.9 131.8 10.3 38.0 69.4 130.3 9.7 71.6 131.1 10.3 40.0 68.1 129.5 9.2 70.3 130.4 10.0 42.0 66.8 128.6 8.5 69.0 129.7 9.8 44.0 65.5 127.7 7.9 67.7 128.9 9.6 46.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 18.3 4.3 56.8 120.3 7.3 60.5 125.9 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.		72.0	131.7	10.1												
38.0 69.4 130.3 9.7 71.6 131.1 10.3 40.0 68.1 129.5 9.2 70.3 130.4 10.0 42.0 66.8 128.6 8.5 69.0 129.7 9.8 44.0 65.5 127.7 7.9 67.7 128.9 9.6 46.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.9 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0																
40.0 68.1 129.5 9.2 70.3 130.4 10.0 <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 66.8 128.6 8.5 69.0 129.7 9.8 44.0 65.5 127.7 7.9 67.7 128.9 9.6 48.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 8																
44.0 65.5 127.7 7.9 67.7 128.9 9.6 46.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 <																
46.0 64.2 126.8 7.3 66.4 128.0 9.4 48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 55.0 115.0 6.4 80.0 85.0 35.7 95.9 2.7 40.8 107.0 6.6 50.4 110.4 5.6 90.0 30.0 88.0 2.1 35.9 95.2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																
48.0 62.8 125.8 6.8 65.1 127.1 9.2 50.0 61.5 124.7 6.4 63.7 126.1 9.0 53.4 53.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9																
50.0 61.5 124.7 6.4 63.7 126.1 9.0 65.0 125.9 8.9 125.1 8.0 125.1 8.0 125.1 8.0 8.0 125.1 8.0 8.0 125.1 8.0 125.1 8.0 125.1 8.0 125.1 8.0 125.1 8.0 125.1 8.0 1																
53.4 65.0 125.9 8.9 55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9																
55.0 57.9 121.7 5.3 60.3 123.4 8.4 63.9 125.1 8.9 60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4		61.5	124.7	6.4	63.7	126.1	9.0									
60.0 54.3 118.3 4.3 56.8 120.3 7.3 60.5 122.4 8.6 65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 55.0 115.0 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9																
65.0 50.5 114.4 3.5 53.1 116.7 6.5 57.0 119.3 8.2 70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9									-							
70.0 46.4 109.9 2.8 49.2 112.6 5.6 53.3 115.8 7.7 74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 55.0 115.0 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9																
74.0 75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9			l							-						
75.0 42.1 104.7 2.2 45.0 107.9 4.5 49.4 111.7 7.3 54.2 114.3 6.4 80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9		46.4	109.9	2.8	49.2	112.6	5.6	53.3	115.8	7.7						
80.0 40.6 102.4 3.5 45.3 107.0 6.6 50.4 110.4 5.6 85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9													-			
85.0 35.7 95.9 2.7 40.8 101.6 6.0 46.8 106.3 4.6 90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9		42.1	104.7	2.2									-			
90.0 30.0 88.0 2.1 35.9 95.2 5.4 42.5 101.2 3.7 95.0 30.4 87.4 4.5 37.8 95.2 2.9																
95.0 30.4 87.4 4.5 37.8 95.2 2.9													-			
					30.0	88.0	2.1									
									-	-			-			
100.0 23.7 77.4 3.6 32.5 88.0 2.2 101.0 31.4 86.4 2.0								23.7	//.4	3.6						
101.0 105.0 15.7 64.9 2.5								15.7	64.0	2.5	31.4	86.4	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]
				38.0 i		eza de p	II, Punto Ilumín (2: I] Posici	316-1) 9	8.5 m Pli	eza de p umín	lumín				
25.0	78.0	137.3	10.3												
26.0	77.4	137.1	10.3												
28.0	76.2	136.6	10.1												
30.0	75.0	136.1	9.8												
32.0	73.8	135.5	9.7												
34.0	72.6	134.9	9.4												
36.0	71.3	134.2	9.2												
36.7				73.0	134.7	9.4									
38.0	70.1	133.5	9.0	72.2	134.3	9.4									
40.0	68.8	132.7	8.9	70.9	133.6	9.3									
42.0	67.6	131.9	8.2	69.7	132.9	9.1									
44.0	66.3	131.0	7.6	68.4	132.1	8.9									
46.0	65.0	130.1	7.0	67.2	131.3	8.7									
48.0	63.7	129.1	6.6	65.9	130.4	8.5									
50.0	62.4	128.1	6.1	64.6	129.5	8.3									
54.7							65.0	128.6	8.2						
55.0	59.0	125.2	5.1	61.3	126.9	8.0	64.8	128.4	8.2						
60.0	55.6	122.0	4.1	57.9	123.9	7.1	61.5	125.9	8.0						
65.0	51.9	118.2	3.3	54.4	120.5	6.2	58.1	122.9	7.7						
70.0	48.1	114.0	2.6	50.7	116.6	5.6	54.6	119.5	7.3						
75.0				46.8	112.1	4.5	50.9	115.6	6.9	0	447.5	5.0			
75.7				40.0	407.0	0.5	47.0	444.0		55.0	117.5	5.9			
80.0				42.6	107.0	3.5	47.0	111.2	6.4	52.2	114.6	5.3			
85.0				38.0	101.0	2.6	42.8	106.1	5.8	48.4	110.4	4.3			
90.0							38.3	100.2	5.2	44.4	105.6	3.4			
95.0							33.9	94.0	4.3	40.0	100.0	2.6			
99.0							20.2	05.6	3.5	36.2	94.8	2.0			
100.0 105.0							28.2 20.1	85.6 72.9	2.7						
105.0							15.5	65.3	2.7						



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cabe	eża de pl	umín (23	316-1) 10	1.5 m P	eza de p lumín	lumín				
ļ						55.0 [m	1 J Posici	ón midfa	11 (2316)						
25.6	78.0	140.2	9.5												
26.0	77.8	140.1	9.5												
28.0	76.6	139.7	9.4												
30.0	75.5	139.2	9.2												
32.0	74.3	138.6	9.0												
34.0	73.1	138.0	8.8												
36.0	71.9	137.4	8.6	70.0	407.0	0.7									
37.5 38.0	70.7	136.7	8.4	73.0 72.7	137.6 137.5	8.7 8.7									
40.0	69.5	135.7	8.2	71.5	136.8	8.6									
42.0	68.3	135.9	7.9	70.3	136.1	8.5									
44.0	67.1	134.3	7.3	69.1	135.3	8.3									
46.0	65.8	133.4	6.7	67.9	134.5	8.1									
48.0	64.6	132.5	6.3	66.7	133.7	7.9							i		
50.0	63.3	131.5	5.8	65.4	132.8	7.7									
55.0	60.1	128.7	4.9	62.2	130.3	7.4									
55.9							65.0	131.3	7.5						
60.0	56.7	125.6	3.9	59.0	127.4	6.7	62.4	129.3	7.4				İ		
65.0	53.2	122.0	3.0	55.6	124.1	5.9	59.2	126.4	7.1						
70.0	49.6	118.0	2.4	52.1	120.4	5.3	55.8	123.2	6.8						
75.0				48.4	116.2	4.4	52.3	119.5	6.5						
77.4										55.0	119.9	5.5			
80.0				44.4	111.4	3.4	48.6	115.3	6.2	53.5	118.4	5.0			
85.0				40.2	105.8	2.5	44.6	110.5	5.5	49.9	114.4	4.0			
90.0							40.4	105.0	4.9	46.1	109.8	3.1			
95.0							36.3	99.3	4.0	42.0	104.6	2.3			
97.0										40.3	102.3	2.0			
100.0							31.2	91.7	3.2						
105.0							25.2	82.3	2.5						
108.0							20.8	75.1	2.0						



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		ża de pl	ıl, Punto umín (23 ı] Posici	316-1) 10	4.5 m P	eza de p lumín	lumín				
26.3	78.0	143.2	8.8												
28.0	77.0	142.8	8.8												
30.0	75.9	142.3	8.6												
32.0	74.7	141.7	8.4												
34.0	73.6	141.1	8.3												
36.0	72.4	140.5	8.1												
38.0	71.3	139.9	7.9												
38.4				73.0	140.5	8.0									
40.0	70.1	139.1	7.7	72.1	140.0	8.0									
42.0	68.9	138.4	7.6	70.9	139.3	7.9									
44.0	67.8	137.6	7.1	69.7	138.6	7.7									
46.0	66.6	136.7	6.5	68.6	137.8	7.6									
48.0 50.0	65.3 64.1	135.8 134.8	6.0 5.6	67.4 66.2	137.0 136.1	7.4 7.3									
55.0	61.0	132.2	4.7	63.1	133.7	6.9									
57.2	01.0	132.2	4.7	03.1	133.7	0.9	65.0	134.0	6.9						
60.0	57.8	129.2	3.7	60.0	130.9	6.4	63.3	132.7	6.9						
65.0	54.5	125.8	2.9	56.7	127.8	5.6	60.1	129.9	6.6						
70.0	51.0	121.9	2.2	53.4	124.2	5.0	56.9	126.8	6.4						
75.0	00	121.0		49.8	120.2	4.3	53.5	123.3	6.0						
79.1										55.0	122.4	5.0			
80.0				46.1	115.6	3.3	50.0	119.3	5.8	54.4	121.8	4.8			
85.0				42.1	110.4	2.4	46.3	114.7	5.3	51.3	118.3	3.8			
87.0				40.4	108.1	2.1									
90.0							42.3	109.5	4.7	47.7	114.0	3.0			
95.0							38.5	104.2	3.9	43.8	109.0	2.2		, and the second	
96.0										43.0	108.0	2.0			
100.0							33.9	97.3	3.1						
105.0							28.5	89.0	2.3						
107.0							26.1	85.0	2.1						



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

	88° Án I	gulo de principa	pluma I	83° Án I	gulo de orincipa	pluma I	75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eża de pl	al, Punto lumín (23 n] Posici	316-1) 10	7.5 m P		lumín				
26.9	78.0	146.1	7.9				ſ		<u> </u>						
28.0	77.4	145.8	7.9												
30.0	76.3	145.4	7.8												
32.0	75.2	144.8	7.6	1											
34.0	74.1	144.3	7.4												
36.0	73.0	143.7	7.2												
38.0	71.8	143.0	7.1												
39.3				73.0	143.4	7.1			İ	İ			İ		
40.0	70.7	142.3	6.9	72.6	143.1	7.1									
42.0	69.6	141.6	6.8	71.5	142.5	7.1									
44.0	68.4	140.8	6.5	70.3	141.8	6.9									
46.0	67.3	140.0	6.0	69.2	141.0	6.8									
48.0	66.1	139.1	5.6	68.0	140.2	6.6									
50.0	64.9	138.2	5.2	66.9	139.4	6.5									
55.0	61.9	135.6	4.4	63.9	137.0	6.1									
58.5							65.0	136.8	6.0						
60.0	58.8	132.7	3.4	60.9	134.4	5.8	64.1	136.0	6.0						
65.0	55.6	129.5	2.6	57.8	131.4	5.2	61.1	133.4	5.8						
70.0				54.5	128.0	4.6	58.0	130.4	5.6						
75.0				51.2	124.1	4.2	54.7	127.0	5.3						
80.0				47.6	119.8	3.2	51.4	123.2	5.1						
80.9										55.0	124.8	4.3			
85.0				43.9	114.8	2.3	47.8	118.9	4.8	52.6	122.1	3.5			
86.0				43.1	113.7	2.2									
90.0							44.1	114.0	4.3	49.1	118.0	2.6			
93.0										46.9	115.3	2.1			
95.0							40.5	109.0	3.6						
100.0							36.2	102.6	2.8						
105.0							31.4	95.0	2.0						



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eża de pl	ıl, Punto umín (23 ı 1 Posici	316-1) 11	0.5 m P	eza de p lumín	lumín		-		
27.5	78.0	149.0	7.2			02.0[11	1 1 00101		(2010)						
28.0	77.7	148.9	7.2												
30.0	76.7	148.5	7.1												
32.0	75.6	147.9	6.9												
34.0	74.5	147.4	6.7												
36.0	73.4	146.8	6.6												
38.0	72.3	146.2	6.4												
40.0	71.2	145.5	6.2												
40.2				73.0	146.2	6.4									
42.0	70.1	144.8	6.1	72.0	145.6	6.4									
44.0	69.0	144.0	6.0	70.9	144.9	6.3									
46.0	67.9	143.2	5.6	69.8	144.2	6.1									
48.0	66.8	142.4	5.1	68.7	143.4	6.0									
50.0	65.6	141.5	4.8	67.5	142.6	5.9									
55.0	62.7	139.0	4.0	64.7	140.4	5.5									
59.7							65.0	139.5	5.3						
60.0	59.8	136.2	3.2	61.8	137.8	5.2	64.8	139.3	5.3						
65.0	56.7	133.1	2.4	58.8	134.9	4.7	61.9	136.8	5.2						
70.0				55.7	131.6	4.2	58.9	133.9	5.0						
75.0				52.4	127.9	3.8	55.8	130.7	4.8						
80.0				49.0	123.8	3.2	52.6	127.0	4.6						
82.6				45.5	440.4	0.0	40.0	400.0	4.4	55.0	127.3	3.6			
85.0 86.0				45.5 44.7	119.1 118.1	2.3 2.1	49.2	122.9	4.4	53.7	125.9	3.2			
90.0				44.7	110.1	2.1	45.7	118.2	4.0	50.4	121.9	2.3			
92.0							40.7	110.2	4.0	49.1	121.9	2.0			
95.0							41.9	112.9	3.3	43.1	120.2	2.0			
100.0				1			38.3	107.6	2.5						
103.0				Ī			35.7	103.6	2.1						



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	ll, Punto lumín (1 n] Posici	916-1) 3:	2.5 m Pl	eza de p umín	lumín				
11.2	78.0	72.7	43.0												
12.0	76.6	72.5	42.5												
13.0	74.8	72.3	40.6												
14.0	73.0	72.0	38.9												
16.0	69.2	71.2	36.1												
17.3				73.0	71.6	37.1									
18.0	65.4	70.4	33.0	71.8	71.4	36.9									
20.0	61.4	69.3	30.9	68.0	70.6	34.3									
22.0	57.2	68.1	28.4	64.1	69.7	31.7									
24.0	52.9	66.6	26.5	60.1	68.6	29.9									
26.0	48.3	64.9	24.7	55.9	67.3	28.1									
26.8							65.0	68.8	31.5						
28.0	43.2	62.9	22.8	51.4	65.8	26.8	62.7	68.2	31.1						
30.0	37.7	60.5	21.2	46.7	64.0	25.2	58.6	67.0	29.8						
32.0	31.3 23.4	57.5 53.4	19.9 18.5	41.5 35.8	61.9	23.8	54.3	65.6	28.3 27.2						
34.0	18.2		18.5	35.8	59.3	22.6	49.8	64.0	21.2						
35.0 36.0	18.2	50.7	17.8	29.0	56.0	20.9	44.9	62.1	25.5						
37.8				29.0	36.0	20.9	44.9	02.1	25.5	55.0	63.4	25.1			
38.0				20.2	51.4	19.0	39.5	59.8	24.2	55.0	63.4	26.0			
39.0				16.2	49.3	15.1	39.3	39.0	24.2	33.0	03.4	20.0			
40.0				10.2	43.5	13.1	33.5	57.0	22.9	50.4	61.8	25.0			
42.0				i			26.2	53.4	21.3	45.6	59.9	23.9			
44.0				i			15.9	47.9	19.6	40.3	57.7	22.7			
46.0										34.4	55.0	21.7			
48.0										27.3	51.5	20.8			
50.0										17.7	46.5	19.9			
56.4													35.0	47.3	14.5
60.0													22.2	40.9	14.6
61.0													16.6	37.9	14.3



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]
				38.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 3	5.5 m Pl	eza de p umín	lumín		_		
11.9 12.0 13.0	78.0 77.8 76.1	75.7 75.6 75.4	37.8 37.8 36.7												
14.0 16.0	74.4 71.0	75.1 75.5	35.2 32.3												
18.0 18.2	67.6	73.7	30.0	73.0	74.5	32.3									
20.0 22.0	64.0 60.3	72.7 71.6	27.8 26.1	69.9 66.4	73.9 73.0	30.8 28.7									
24.0 26.0	56.5 52.5	70.4 68.9	24.4 23.0	62.8 59.1	72.0 70.9	27.0 25.5									
28.0 30.0	48.2 43.7	67.2 65.2	21.7	55.2 51.2	69.6 68.0	24.2	65.0 61.5	71.5 70.5	26.2 26.7						
32.0 34.0	38.7 33.1 26.4	62.8 60.0	19.1 18.1	46.8 42.1	66.2 64.1 61.6	21.8	57.7 53.8	69.3 67.9 66.2	25.6 24.4						
36.0 38.0 39.6	17.3	56.3 51.1	17.0 15.8	37.0 31.1	58.6	19.7 18.5	49.6 45.2	64.4	23.4 22.1	55.0	65.9	22.7			
40.0 42.0				23.9 15.5	54.6 49.6	17.3 14.3	40.3 34.9	62.1 59.4	20.9 20.0	54.4 50.2	65.6 64.0	23.7			
44.0 46.0				10.0		1110	28.7 20.6	56.1 51.6	18.9 17.7	45.8 41.1	62.2 60.0	21.7			
47.0 48.0							15.1	48.3	17.1	35.8	57.4	19.8			
50.0 53.0										29.6 16.9	54.2 46.9	19.0 17.7			
58.9 60.0 64.0													35.0 32.3 15.9	49.1 47.6 38.3	13.7 14.3 13.3



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]
				38.0		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 3	8.5 m Pli	eza de p umín	lumín				
12.5	78.0	78.6	33.8												
13.0	77.2	78.5	33.8												
14.0	75.7	78.2	32.3												
16.0	72.6	77.6	29.8												
18.0	69.4	76.9	27.9												
19.1				73.0	77.4	28.7									
20.0	66.2	76.1	25.8	71.6	77.1	28.4									
22.0	62.9	75.1	24.1	68.4	76.3	26.5									
24.0	59.4	73.9	22.8	65.1	75.4	24.9									
26.0	55.9	72.6	21.5	61.8	74.4	23.7									
28.0	52.2	71.1	20.5	58.3	73.2	22.5									
29.3	40.0	00.4	40.5	54.7	74.0	04.4	65.0	74.2	23.4						
30.0 32.0	48.2 44.1	69.4 67.4	19.5 18.4	54.7 50.9	71.8 70.3	21.4 20.6	63.9 60.5	73.9 72.8	24.7 23.6						
34.0	39.5	65.1	17.4	46.9	68.5	19.5	57.0	71.6	22.7						
36.0	34.5	62.4	16.7	42.6	66.4	18.4	53.4	70.1	21.6						
38.0	28.7	59.0	15.7	38.0	64.0	17.5	49.5	68.5	20.8						
40.0	21.4	54.6	14.8	32.7	61.1	16.7	45.4	66.6	19.7						
41.0	16.6	51.5	14.4	02.7	01.1	10.7	40.4	00.0	10.7						
41.3				1						55.0	68.3	20.6			
42.0				26.5	57.4	15.9	41.0	64.4	18.7	53.9	67.9	21.8			
44.0				18.5	52.4	15.0	36.1	61.8	17.8	50.1	66.3	20.9			
46.0		İ	İ	i	-		30.6	58.7	17.0	46.0	64.4	20.1			
48.0							23.9	54.7	16.2	41.7	62.3	19.1			
50.0							16.4	49.9	13.1	36.9	59.8	18.3			
55.0										21.0	50.4	16.4			
56.0										16.2	47.3	16.0			
61.3													35.0	50.8	12.8
65.0													24.4	44.5	12.8
67.0													15.2	38.7	12.4



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0		eza de p	al, Punto dumín (1: n] Posici	916-1) 4	1.5 m Pl		lumín				
13.1 14.0 16.0 18.0 20.0	78.0 76.7 73.9 71.0 68.0	81.5 81.3 80.8 80.1 79.3	30.2 29.9 27.8 25.7 24.0	73.0	80.2	25.8			,						
22.0 24.0 26.0 28.0 30.0	65.0 61.9 58.7 55.3 51.9	78.4 77.4 76.2 74.9 73.4	22.3 21.1 19.9 18.8 18.0	70.0 67.0 64.0 60.9 57.6	79.5 78.7 77.8 76.7 75.5	24.6 23.1 21.8 20.8 19.7									
30.6 32.0 34.0 36.0 38.0	48.2 44.4 40.2 35.6	71.6 69.7 67.4 64.8	17.1 16.2 15.4 14.7	54.3 50.7 47.0 43.1	74.1 72.5 70.7 68.7	18.8 18.1 17.1 16.2	65.0 62.9 59.7 56.4 53.0	76.9 76.2 75.1 73.8 72.4	22.1 21.8 20.8 19.9 19.0						
40.0 42.0 43.0 44.0 46.0	30.5 24.3 16.0	61.6 57.6 51.9	14.0 13.2 12.4	38.8 34.1 28.6 22.0	66.3 63.5 60.1 55.7	15.5 14.8 14.0 13.3	49.4 45.6 41.6 37.1	70.7 68.8 66.7 64.2	18.3 17.3 16.4 15.7	55.0 53.5 49.9	70.8 70.1 68.5	18.0 19.2 18.4			
47.0 48.0 50.0 53.0 55.0				17.8	52.8	12.9	32.2 26.4 15.8	61.2 57.5 50.3	15.0 14.3 11.4	46.2 42.2 30.2	66.7 64.6 57.5	17.7 16.8 15.1			
59.0 63.8 65.0 70.0										15.5	47.7	13.7	35.0 32.5 16.4	52.5 51.0 40.3	12.1 12.6 10.6



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eza de p	ıl, Punto lumín (1 ı] Posici	916-1) 4	4.5 m Pli	eza de p umín	lumín				
13.7	78.0	84.5	27.4												
14.0	77.7	84.4	27.4												
16.0 18.0	75.0 72.3	83.9 83.3	25.8 24.0												
20.0	69.6	82.6	22.5												
20.8	00.0	02.0	22.0	73.0	83.1	23.3									
22.0	66.8	81.7	20.9	71.4	82.7	23.0									
24.0	63.9	80.8	19.6	68.7	82.0	21.5									
26.0	61.0	79.7	18.5	65.9	81.1	20.3									
28.0	58.0	78.5	17.5	63.0	80.1	19.4									
30.0	54.9	77.1	16.6	60.1	79.0	18.5									
31.8							65.0	79.7	18.7						
32.0 34.0	51.6 48.2	75.6 73.9	15.9 15.2	57.0 53.9	77.7 76.3	17.5 16.7	64.8 61.9	79.6 78.6	19.9 19.3						
36.0	44.6	73.9	14.4	50.6	76.3 74.7	16.7	59.0	77.4	18.5						
38.0	40.8	69.7	13.7	47.1	72.9	15.2	55.9	76.1	17.6						
40.0	36.6	67.2	13.1	43.4	70.9	14.4	52.7	74.6	16.8						
42.0	31.9	64.1	12.5	39.5	68.6	13.8	49.3	73.0	16.2						
44.0	26.6	60.5	11.8	35.2	65.9	13.2	45.8	71.1	15.3						
44.7										55.0	73.2	15.9			
46.0	19.8	55.6	11.2	30.3	62.7	12.5	42.0	69.0	14.6	53.1	72.4	17.0			
47.0	15.4	52.3	10.9												
48.0				24.6	58.7	11.9	38.0	66.5	13.9	49.8	70.7	16.3			
50.0				17.1	53.3	11.2	33.5	63.7	13.3	46.3	68.9	15.7			
55.0							18.3	53.0	11.7	36.4	63.1	14.0			
56.0 60.0							15.2	50.7	9.9	23.2	54.1	12.5			
62.0										23.2 16.6	49.3	10.0			
66.2										10.0	49.0	10.0	35.0	54.2	11.4
70.0													25.8	48.0	11.4
73.0													15.8	40.7	9.7



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

		gulo de principal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı			ıl, Punto lumín (1			eza de p	lumín				
					Cab		i Posici			umm					
14.4	78.0	87.4	24.3												
16.0	76.0	87.0	23.5												
18.0	73.5	86.4	22.2												
20.0	70.9	85.8	20.8												
21.7				73.0	86.0	20.8									
22.0	68.3	85.0	19.8	72.6	85.9	20.8									
24.0	65.7	84.1	18.8	70.1	85.2	20.0									
26.0 28.0	63.0 60.2	83.1 82.0	18.0 17.3	67.5 64.8	84.4 83.5	19.2 18.4									
30.0	57.4	80.8	16.6	62.1	82.4	17.9									
32.0	54.5	79.4	16.1	59.3	81.3	17.3									
33.1	34.3	15.4	10.1	39.3	01.5	17.5	65.0	82.4	17.8						
34.0	51.4	77.8	15.6	56.5	80.0	16.7	63.9	82.0	18.4						
36.0	48.2	76.1	14.9	53.5	78.6	16.2	61.1	80.9	17.8						
38.0	44.9	74.2	14.1	50.4	77.0	15.7	58.3	79.7	17.3						
40.0	41.3	72.0	13.3	47.2	75.2	15.0	55.4	78.4	16.7						
42.0	37.4	69.5	12.7	43.8	73.2	14.4	52.4	76.9	16.3						
44.0	33.2	66.6	12.1	40.1	70.9	13.8	49.3	75.2	15.8						
46.0	28.4	63.2	11.5	36.1	68.3	13.3	46.0	73.3	15.1						
46.4										55.0	75.7	15.6			
48.0	22.6	58.8	10.8	31.7	65.2	12.6	42.5	71.2	14.5	52.8	74.6	16.2			
50.0	16.4	53.9	9.2	26.7	61.5	11.8	38.7	68.8	13.9	49.7	73.0	15.8			
53.0				16.5	53.7	10.7									
55.0							27.4	60.9	12.4	41.1	67.9	14.4			
58.0							17.7	53.5	11.3	00.7	00.0	40.0			
60.0 65.0										30.7	60.9 49.7	13.0			
65.0 68.7										16.1	49.7	10.8	35.0	55.9	10.7
70.0													32.6	55.9 54.3	11.0
75.0													18.2	43.4	10.0
76.0													15.3	41.1	9.2



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 5(0.5 m Pl	eza de p umín	lumín				
15.0	78.0	90.3	22.2												
16.0	76.8	90.1	22.0												
18.0	74.5	89.6	20.9												
20.0	72.1	88.9	19.8												
22.0	69.7	88.2	19.0												
22.6				73.0	88.8	19.3									
24.0	67.2	87.4	18.3	71.3	88.4	19.0									
26.0	64.7	86.5	17.7	68.9	87.6	18.4									
28.0	62.2	85.5	17.2	66.4	86.8	18.0									
30.0	59.6	84.3	16.7	63.9	85.8	17.5									
32.0	56.9	83.1	16.3	61.4	84.8	17.2									
34.0	54.1	81.6	16.0	58.7	83.6	16.8	05.0	05.4	47.0						
34.4	51.2	00.4	15.7	56.0	82.3	16.4	65.0 63.0	85.1 84.3	17.6 17.4						
36.0 38.0	48.2	80.1 78.4	15.7	53.2	80.8	16.4	60.4	83.2	17.4						
40.0	45.1	76.4	14.1	50.3	79.2	15.8	57.7	82.0	16.8						
42.0	41.7	74.3	13.4	47.2	77.4	15.0	55.0	80.6	16.4						
44.0	38.2	74.3	12.7	44.0	75.4	14.7	52.2	79.1	16.2						
46.0	34.3	69.0	12.1	40.6	73.2	14.2	49.2	77.4	15.9						
48.0	29.9	65.8	11.4	36.9	70.6	13.8	46.1	75.6	15.3						
48.2										55.0	78.2	15.3			
50.0	24.9	61.8	10.8	32.9	67.7	13.1	42.8	73.5	14.7	52.6	76.9	15.8			
53.0	15.9	54.4	9.2												
55.0				19.8	57.3	10.9	33.5	67.0	13.5	44.9	72.4	15.2			
56.0				16.0	54.1	10.4									
60.0							20.8	56.9	11.6	36.1	66.4	13.8			
61.0							17.2	53.9	11.2						
65.0										24.6	57.7	12.4			
68.0										15.5	50.1	11.4			
71.2													35.0	57.7	10.1
75.0													26.9	51.5	10.0
78.0													17.6	43.9	9.3



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

		gulo de orincipal			gulo de orincipa		75° Án	gulo de orincipa	pluma l		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	al, Punto Jumín (1 n] Posici	916-1) 5	3.5 m Pl	eza de p umín	lumín				
15.6 16.0 18.0 20.0 22.0	78.0 77.6 75.4 73.1 70.9	93.3 93.2 92.7 92.1 91.4	20.1 20.1 19.2 18.3 17.4			_									
23.5 24.0 26.0 28.0 30.0	68.6 66.3 63.9 61.5	90.7 89.8 88.8 87.8	16.8 16.3 15.8 15.5	73.0 72.4 70.1 67.8 65.5	91.7 91.5 90.8 90.1 89.2	17.4 17.4 16.9 16.6 16.1									
32.0 34.0 35.6 36.0	59.0 56.4 53.8	86.6 85.3 83.9	15.1 14.8 14.5	63.1 60.7 58.2	88.2 87.1 85.9	15.8 15.5 15.2	65.0 64.6	87.8 87.7	15.3 15.9						
38.0 40.0 42.0 44.0 46.0	51.1 48.2 45.3 42.1 38.8	82.3 80.6 78.7 76.5 74.1	14.3 13.7 13.0 12.3 11.7	55.6 52.9 50.2 47.3 44.3	84.5 83.1 81.4 79.7 77.7	14.9 14.7 14.4 13.9 13.5	62.2 59.8 57.2 54.6 51.9	86.6 85.5 84.3 82.9 81.3	15.7 15.4 15.2 14.9 14.7						
48.0 49.9 50.0 55.0 56.0	35.2 31.2 18.0 15.4	71.4 68.3 57.1 54.7	11.2 10.7 9.3 8.4	37.7 27.5	75.5 73.0 65.0	13.1 12.7 11.1	49.1 46.2 38.1	79.7 77.8 72.2	13.9 12.9	55.0 55.0 48.1	80.6 80.6 76.6	13.9 14.4 14.1			
59.0 60.0 64.0 65.0 70.0 71.0				15.5	54.5	9.5	28.2 16.7	64.3 54.4	11.6 10.3	40.3 31.0 17.7 15.1	71.3 64.2 52.9 50.5	13.1 12.1 10.7 10.3			
73.6 75.0 80.0 81.0										10.1	00.0	10.5	35.0 32.7 19.6 15.9	59.4 57.6 46.6 43.3	9.5 9.7 8.6 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			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ו		eza de p	al, Punto dumín (19 n] Posici	916-1) 5	6.5 m Pl	eza de p umín	lumín				
16.2	78.0	96.2	18.3												
18.0	76.2	95.8	17.8												
20.0	74.1	95.2	17.0												
22.0	71.9	94.6	16.1												
24.0	69.8	93.9	15.5												
24.4				73.0	94.6	15.9									
26.0	67.6	93.1	15.1	71.2	94.0	15.7									
28.0	65.4	92.2	14.7	69.1	93.3	15.3									
30.0	63.1	91.2	14.4	66.9	92.5	15.0									
32.0	60.8	90.1	14.1	64.6	91.5	14.6									
34.0	58.4	88.9	13.8	62.4	90.5	14.4									
36.0	56.0	87.6	13.6	60.0	89.4	14.1	05.0		440						
36.9	53.5	00.4	13.4	57.7	00.0	40.0	65.0 63.8	90.5 90.0	14.0 14.5						
38.0 40.0	50.9	86.1 84.6	13.4	57.7 55.2	88.2 86.8	13.9 13.6	61.5	89.0	14.3						
42.0	48.2	82.8	12.7	52.7	85.3	13.4	59.2	87.8	14.3						
44.0	45.4	80.9	12.7	50.1	83.7	13.4	56.8	86.5	13.8						
46.0	42.5	78.8	11.5	47.3	81.9	12.8	54.3	85.1	13.6						
48.0	39.3	76.4	11.0	44.5	79.9	12.5	51.7	83.6	13.4				i		
50.0	36.0	73.8	10.5	41.5	77.7	12.2	49.1	81.9	13.2						
51.6										55.0	83.1	12.7			
55.0	25.9	65.3	9.3	33.0	71.0	11.2	41.9	76.9	12.3	50.8	80.5	13.1			
58.0	17.5	57.5	8.5										i		
60.0				21.7	61.1	9.5	33.5	70.3	11.5	43.8	75.8	12.5			
62.0				15.1	54.9	8.8									
65.0							22.5	60.7	10.1	35.8	69.7	11.7			
67.0							16.2	54.8	9.5						
70.0										25.7	61.2	10.6			
73.0										17.2	53.3	9.9			
76.1													35.0	61.1	8.9
80.0													27.7	54.9	8.5
84.0													15.5	43.7	7.7



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 5	9.5 m Pl		lumín				
16.9	78.0	99.1	15.9												
18.0	76.9	98.9	15.7												
20.0	74.9	98.4	14.9												
22.0	72.9	97.8	14.2												
24.0	70.8	97.1	13.6												
25.2				73.0	97.5	13.8									
26.0	68.8	96.3	13.2	72.2	97.2	13.7									
28.0	66.7	95.5	12.8	70.2	96.5	13.4									
30.0 32.0	64.5 62.3	94.5 93.5	12.5 12.3	68.1 66.0	95.7 94.8	13.1 12.8				ł					
34.0	60.1	93.5	12.3	63.8	94.8	12.8									
36.0	57.8	91.1	11.8	61.6	93.9 92.8	12.5									
38.0	55.5	89.8	11.6	59.4	91.6	12.3				i					
38.2	33.3	03.0	11.0	55.4	31.0	12.1	65.0	93.3	12.6	i			i		
40.0	53.1	88.3	11.4	57.1	90.4	11.8	63.0	92.3	12.5						
42.0	50.6	86.7	11.3	54.7	89.0	11.6	60.8	91.2	12.2						
44.0	48.0	84.9	10.9	52.3	87.4	11.5	58.6	90.0	12.0	l					
46.0	45.3	83.0	10.5	49.8	85.8	11.3	56.2	88.7	11.8						
48.0	42.5	80.8	10.1	47.2	84.0	11.1	53.9	87.3	11.6						
50.0	39.5	78.5	9.7	44.4	82.0	10.8	51.4	85.7	11.5						
53.3										55.0	85.5	11.3			
55.0	31.0	71.2	8.9	36.9	76.0	10.4	44.8	81.1	11.0	53.0	84.3	11.3			
60.0	19.3	60.2	7.8	27.7	67.8	9.2	37.3	75.2	10.6	46.6	79.9	11.0			
61.0	16.0	56.9	7.5												
65.0				15.9	56.5	7.4	28.2	67.2	9.6	39.4	74.4	10.6			
70.0							16.9	56.3	8.2	30.8	67.1	10.0			
75.0 76.0										19.1 15.7	56.0 52.7	9.0 8.8			
76.0 78.5										15.7	52.7	0.0	35.0	62.8	8.4
80.0													32.4	60.5	8.2
85.0													23.0	51.9	7.3
87.0													17.3	46.3	6.9



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 i		eza de p	al, Punto dumín (19 n] Posicio	916-1) 6	2.5 m Pl		lumín		-		
17.5 18.0 20.0 22.0 24.0	78.0 77.6 75.7 73.7 71.8	102.1 102.0 101.5 100.9 100.3	14.4 14.4 13.7 13.1 12.6												
26.0 26.1 28.0 30.0 32.0	69.8 67.9 65.8 63.8	99.5 98.7 97.9 96.9	12.2 11.8 11.5 11.3	73.0 71.2 69.2 67.2	100.3 99.7 98.9 98.1	12.5 12.4 12.0 11.8									
34.0 36.0 38.0 39.5 40.0	61.7 59.6 57.4 55.1	95.8 94.7 93.4 92.0	11.1 10.9 10.7	65.2 63.1 61.0 58.9	97.2 96.2 95.1 93.9	11.5 11.3 11.1	65.0 64.4	96.0 95.7	11.4 11.4						
42.0 44.0 46.0 48.0 50.0	52.9 50.5 48.0 45.5 42.8	90.5 88.9 87.1 85.2 83.1	10.3 10.1 9.8 9.5 9.3	56.7 54.4 52.1 49.7 47.2	92.6 91.2 89.7 88.0 86.2	10.6 10.5 10.3 10.2 10.0	62.4 60.2 58.1 55.9 53.6	94.7 93.5 92.3 91.0 89.5	11.4 11.2 11.0 10.8 10.6 10.5						
55.0 55.1 60.0 64.0 65.0	35.4 26.2 15.6	76.8 68.2 57.3	9.3 8.7 7.7 6.9	47.2 40.5 32.6 22.5	80.9 73.9 64.1	9.7 9.1 7.9	47.6 40.9 33.1	85.3 80.0 73.2	9.9	55.0 49.2 42.7	88.0 84.0 79.1	10.2 10.0 9.8			
68.0 70.0 73.0 75.0 79.0				15.5	56.9	6.8	23.1 16.5	63.6 56.8	8.4 7.4	35.2 26.0 15.3	79.1 72.7 64.0 53.1	9.8 9.6 8.9 8.1			
81.0 85.0 90.0										15.3	53.1	0.1	35.0 27.8 16.9	64.5 57.8 46.8	7.9 7.1 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 orincipal		83° Án	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 6	5.5 m Pl	eza de p umín	lumín				
18.2 20.0 22.0 24.0 26.0	78.0 76.3 74.5 72.7 70.8	105.0 104.6 104.0 103.4 102.7	13.1 12.8 12.2 11.7 11.3												
27.0 28.0 30.0 32.0 34.0	68.9 67.0 65.1 63.1	102.0 101.1 100.2 99.2	11.0 10.7 10.4 10.2	73.0 72.1 70.2 68.3 66.4	103.2 102.9 102.2 101.4 100.5	11.5 11.5 11.2 10.9 10.7									
36.0 38.0 40.0 40.7	61.1 59.1 57.0	98.1 97.0 95.7	10.0 9.8 9.6	64.5 62.5 60.5	99.6 98.5 97.4	10.4 10.2 10.0	65.0	98.7	10.4						
42.0 44.0 46.0 48.0 50.0	54.8 52.6 50.4 48.0 45.6 39.0	94.3 92.8 91.2 89.4 87.5 81.8	9.4 9.2 9.1 8.8 8.6 8.0	58.4 56.3 54.1 51.9 49.6 43.5	96.2 94.9 93.5 91.9 90.3	9.8 9.6 9.4 9.3 9.1 8.7	63.7 61.8 59.7 57.6 55.5 50.0	98.1 97.0 95.8 94.6 93.2 89.3	10.4 10.2 10.0 9.8 9.6 9.3						
55.0 56.8 60.0 65.0 67.0 70.0	39.0 31.2 21.0 15.2	74.5 64.0 57.7	7.4 6.6 6.3	36.6 28.3	79.3 71.2 58.7	8.7 8.3 7.6	43.9 37.0 28.8	84.6 78.5	8.9 8.6	55.0 51.4 45.5 38.9	90.4 88.0 83.4 77.8	9.3 9.1 8.9			
71.0 75.0 76.0 80.0 82.0				15.2	57.3	6.1	17.3 16.1	58.5 57.2	7.3 6.6	31.1 20.8 17.0	70.4 59.9 55.7	8.3 7.7 6.8			
83.4 85.0 90.0 93.0										17.0	55.7	0.8	35.0 32.5 24.2 16.5	66.3 63.9 55.5 47.2	7.1 6.9 6.1 5.6



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	II, Punto Ilumín (1 1] Posici	916-1) 6	8.5 m Plı	eza de p umín	lumín				
18.8 20.0 22.0 24.0 26.0 27.9 28.0 30.0 32.0 34.0 36.0 38.0 40.0	78.0 77.0 75.2 73.5 71.7 69.9 68.1 66.3 64.4 62.5 60.6 58.6	107.9 107.7 107.1 106.6 105.9 105.2 104.4 103.5 102.6 101.6 100.5 99.2	12.0 11.9 11.3 10.9 10.6 10.3 10.0 9.8 9.5 9.4 9.1 8.9	73.0 72.9 71.1 69.3 67.5 65.7 63.8 61.9	106.1 106.0 105.3 104.6 103.8 102.9 101.9 100.9	10.6 10.6 10.5 10.2 10.0 9.8 9.5 9.4									
42.0 44.0 46.0 48.0 50.0 55.0 58.5 60.0	56.6 54.6 52.4 50.3 48.0 42.0	97.9 96.5 95.0 93.4 91.6 86.5	8.7 8.5 8.3 8.2 7.9 7.5	60.0 58.0 56.0 53.9 51.8 46.1	99.7 98.5 97.2 95.7 94.2 89.7	9.2 8.9 8.7 8.6 8.4 7.9	65.0 63.1 61.2 59.2 57.3 52.1	101.4 100.4 99.3 98.1 96.9 93.2	9.6 9.5 9.3 9.2 9.0 8.5	55.0 53.4	92.9 91.8	8.5 8.5			
65.0 70.0 73.0 75.0 79.0 80.0 85.0 85.9 90.0	26.9 16.8	71.6 60.4	6.5 5.4	32.7 23.6 16.0	77.3 67.7 59.1	7.1 6.5 6.1	40.3 33.1 24.2 15.7	83.4 76.5 67.2 57.6	7.7 7.4 6.9 5.9	47.9 41.9 35.1 26.8 16.6	87.6 82.5 76.0 67.5 56.2	8.1 7.8 7.6 7.2 6.2	35.0 29.4 18.9	68.0 62.2 50.9	6.5 5.9 5.2
95.0 96.0													16.9	50.9 47.6	5.2



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

		gulo de orincipal			gulo de orincipa		75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 7	1.5 m Pl	eza de p umín	lumín				
19.4	78.0	110.9	10.8												
20.0	77.5	110.7	10.8							İ			İ		
22.0	75.9	110.3	10.4												
24.0	74.2	109.7	10.0												
26.0	72.5	109.1	9.6												
28.0	70.8	108.4	9.4												
28.8				73.0	108.9	9.6									
30.0	69.1	107.6	9.2	71.9	108.5	9.5									
32.0	67.3	106.8	8.9	70.2	107.8	9.3									
34.0	65.6	105.9	8.7	68.5	107.0	9.1									
36.0	63.8	104.9	8.5	66.8	106.2	8.9									
38.0	61.9	103.9	8.4	65.0	105.3	8.7									
40.0 42.0	60.1 58.2	102.8 101.5	8.2 8.0	63.2 61.4	104.3 103.2	8.5 8.4							ł		
43.3	36.2	101.5	0.0	01.4	103.2	0.4	65.0	104.1	8.6						
44.0	56.3	100.2	7.8	59.5	102.0	8.2	64.3	104.1	8.6						
46.0	54.3	98.8	7.7	57.6	102.0	8.0	62.5	103.8	8.5						
48.0	52.3	97.3	7.5	55.6	99.4	7.8	60.7	101.6	8.3				i		
50.0	50.2	95.6	7.4	53.7	98.0	7.7	58.8	100.4	8.2	i			İ		
55.0	44.7	90.9	7.0	48.4	93.8	7.4	53.9	97.0	7.8						
60.0	38.5	85.2	6.7	42.7	88.8	7.1	48.7	92.9	7.5						
60.2										55.0	95.4	7.6			
65.0	31.4	77.9	6.3	36.3	82.6	6.8	43.1	88.0	7.2	50.1	91.6	7.4			
70.0	22.4	67.7	5.7	28.8	74.6	6.3	36.7	81.9	7.0	44.6	86.9	7.2			
73.0	16.5	60.8	4.9												
75.0				18.5	62.9	5.7	29.2	74.0	6.6	38.4	81.1	7.0			
76.0				15.7	59.5	5.6									
80.0							19.2	62.5	6.2	31.3	73.8	6.8			
82.0							15.4	58.0	5.5			0.5			
85.0										22.2	63.6	6.5			
88.0										16.2	56.6	5.8	25.0	60.7	5.0
88.4 90.0													35.0 33.4	69.7 68.1	5.9 5.6
90.0 95.0													25.1	59.0	4.9
99.0													15.7	48.0	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 principa		83° Án	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 7	4.5 m Plı	eza de p umín	lumín				
20.0 22.0 24.0 26.0 28.0	78.0 76.4 74.8 73.2 71.6	113.8 113.3 112.8 112.2 111.6	9.8 9.6 9.1 8.8 8.6												
29.6 30.0 32.0 34.0 36.0	70.0 68.3 66.6 64.9	110.9 110.1 109.2 108.3	8.4 8.2 8.0 7.8	73.0 72.7 71.1 69.4 67.8	111.8 111.7 111.0 110.3 109.5	8.7 8.7 8.6 8.3 8.2									
38.0 40.0 42.0 44.0 44.5	63.2 61.4 59.6 57.8	107.3 106.2 105.1 103.8	7.7 7.6 7.4 7.3	66.1 64.4 62.6 60.9	108.6 107.6 106.6 105.5	8.0 7.8 7.7 7.5	65.0	106.8	7.8						
44.5 46.0 48.0 50.0 55.0 60.0	56.0 54.1 52.1 47.0 41.4	102.5 101.0 99.5 95.2 89.9	7.1 7.0 6.9 6.7 6.4	59.1 57.2 55.4 50.5 45.2	104.3 103.1 101.7 97.8 93.2	7.4 7.3 7.1 6.9 6.7	63.7 62.0 60.2 55.6 50.8	106.8 106.1 105.1 103.9 100.7 96.9	7.8 7.6 7.5 7.2 6.9						
61.9 65.0 70.0 75.0 76.0	35.1 27.5 17.2 16.1	83.4 75.0 62.5 61.2	6.2 5.6 5.0 4.4	39.4 32.8 24.6	87.6 80.6 71.2	6.5 6.2 5.6	45.5 39.8 33.2	92.3 86.8 79.9	6.7 6.6 6.4	55.0 52.0 46.9 41.3	97.8 95.5 91.1 85.9	6.9 6.8 6.6 6.5			
79.0 80.0 85.0 90.0 90.8				15.3	59.9	5.2	25.1 15.1	70.7 58.4	6.0 5.2	35.0 27.4 16.9	79.4 70.9 58.3	6.4 6.1 5.8	35.0	71.4	5.4
91.0 95.0 100.0 102.0										15.9	57.0	5.5	29.7 20.5 15.4	65.6 54.7 48.4	4.9 4.2 3.9



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

		gulo de orincipal		83° Án I	gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	il, Punto llumín (1 n] Posici	916-1) 7	7.5 m Pl		lumín				
20.7	78.0	116.7	8.8						<u> </u>						
22.0	77.0	116.4	8.7												
24.0	75.4	115.9	8.3												
26.0	73.9	115.4	8.0												
28.0	72.3	114.7	7.8												
30.0	70.8	114.0	7.6												
30.5				73.0	114.7	7.8									
32.0	69.2	113.3	7.4	71.8	114.2	7.8									
34.0	67.6	112.5	7.2	70.3	113.5	7.6									
36.0	65.9	111.6	7.1	68.7	112.7	7.4									
38.0	64.3	110.7	6.9	67.1	111.9	7.2									
40.0	62.6	109.6	6.8	65.4	111.0	7.0									
42.0	60.9	108.5	6.6	63.8	110.0	6.9									
44.0	59.2	107.4	6.5	62.1	108.9	6.8	05.0	400.0							
45.8	57.5	400.4	0.4	00.4	407.0	0.0	65.0	109.6	6.9						
46.0	57.5 55.7	106.1 104.7	6.4 6.3	60.4 58.7	107.8 106.6	6.6 6.5	64.8 63.2	109.5 108.5	6.9 6.8						
48.0 50.0	53.8	104.7	6.1	56.7 56.9	105.3	6.4	61.5	106.5	6.7						
55.0	49.1	99.2	5.9	52.3	103.3	6.1	57.1	107.4	6.4						
60.0	43.9	94.4	5.7	47.4	97.4	5.9	52.6	100.8	6.1						
63.7	40.0	04.4	0.1	-777	01.4	0.0	02.0	100.0	0.1	55.0	100.3	6.0			
65.0	38.2	88.5	5.5	42.1	92.2	5.7	47.7	96.5	5.9	53.8	99.3	6.0			
70.0	31.6	81.2	5.2	36.1	86.0	5.5	42.4	91.4	5.8	49.0	95.2	5.8			
75.0	23.4	71.4	4.7	29.2	78.0	5.2	36.5	85.2	5.6	43.8	90.3	5.7			
79.0	15.8	61.6	4.0												
80.0				20.1	66.8	4.8	29.6	77.3	5.4	38.1	84.5	5.6			
82.0				15.0	60.3	4.7									
85.0							20.7	66.4	5.2	31.5	77.1	5.5			
87.0							15.8	60.2	5.1						
90.0										23.3	67.2	5.4			
93.3													35.0	73.1	4.8
94.0										15.6	57.4	4.9			
95.0													33.4	71.4	4.6
100.0													25.9	62.5	3.9
105.0													15.1	48.8	3.3



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	al, Punto Jumín (19 n] Posici	916-1) 8	0.5 m Plı		lumín				
21.3 22.0 24.0 26.0 28.0	78.0 77.5 76.0 74.5 73.0 71.5	119.7 119.5 119.0 118.5 117.9	8.0 8.0 7.7 7.4 7.2												
30.0 31.4 32.0 34.0 36.0	70.0 68.5 66.9	116.5 115.7 114.9	6.8 6.6 6.4	73.0 72.5 71.0 69.5	117.5 117.3 116.7 115.9	7.1 7.1 6.9 6.7									
38.0 40.0 42.0 44.0 46.0	65.3 63.7 62.1 60.5 58.8	114.0 113.0 112.0 110.8 109.6	6.3 6.1 6.0 5.9 5.8	68.0 66.4 64.8 63.2 61.6	115.1 114.3 113.3 112.3 111.3	6.6 6.4 6.3 6.1 6.0									
47.1 48.0 50.0 55.0 60.0	57.1 55.4 50.9 46.1	108.4 107.0 103.2 98.7	5.6 5.5 5.3 5.1	60.0 58.3 54.0 49.4	110.1 108.9 105.5 101.4	5.9 5.7 5.5 5.3	65.0 64.3 62.6 58.5 54.2	112.3 111.8 110.8 107.9 104.5	6.2 6.2 6.1 5.8 5.5						
65.0 65.4 70.0 75.0 80.0	40.8 35.0 28.0 18.9	93.3 86.7 78.4 66.6	4.9 4.8 4.4 4.1	44.4 39.0 32.8 25.4	96.7 90.9 83.9 74.7	5.1 4.9 4.7 4.5	49.6 44.7 39.3 33.2	95.8 90.1 83.2	5.3 5.1 5.0 4.9	55.0 50.8 46.0 40.8	102.7 99.2 94.6 89.2	5.3 5.2 5.0 4.9			
82.0 85.0 90.0 95.0 95.7	15.5	62.0	3.6	16.4	63.0	3.9	25.8 15.5	74.2 60.6	4.8 4.7	34.9 27.9 18.7	82.7 74.3 62.4	4.8 4.8 4.8	35.0	74.9	4.3
97.0 100.0 105.0 107.0										15.3	57.8	4.3	30.0 21.8 17.4	68.9 58.5 52.7	3.8 3.2 2.9



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

		gulo de principa			gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	al, Punto Jumín (19 n] Posicio	916-1) 8	3.5 m Pl	eza de p umín	lumín				
21.9 22.0 24.0 26.0 30.0 32.0 32.3 34.0 36.0 38.0 40.0 42.0 44.0 44.0	78.0 77.9 76.5 75.1 73.7 72.2 70.7 69.3 67.8 66.3 64.8 63.2 61.7 60.1 58.5	122.6 122.6 122.1 121.0 120.4 119.7 119.0 118.2 117.3 116.4 115.4 114.3 113.1 111.9	7.2 7.2 7.0 6.8 6.6 6.4 6.2 6.1 5.9 5.7 5.6 5.5 5.4	73.0 71.7 70.3 68.8 67.3 65.8 64.3 62.7 61.2	120.4 119.8 119.1 118.4 117.5 116.6 115.7 114.7	6.4 6.3 6.2 6.0 5.9 5.7 5.6 5.5									
48.3 50.0 55.0 60.0 65.0 67.1 70.0 75.0 80.0	56.8 52.6 48.1 43.2 37.9 31.7 24.3	110.6 107.0 102.8 97.8 91.9 84.5 74.9	5.0 4.8 4.6 4.4 4.2 4.0 3.7	59.6 55.5 51.1 46.5 41.5 35.9 29.5	112.4 109.2 105.4 100.9 95.6 89.3 81.3	5.2 5.0 4.8 4.5 4.4 4.2 4.0	65.0 63.7 59.8 55.7 51.4 46.8 41.8 36.3	115.0 114.2 111.4 108.2 104.4 100.0 94.8 88.5	5.5 5.5 5.2 5.0 4.8 4.6 4.4 4.3	55.0 52.5 48.0 43.1	105.2 103.0 98.8 93.8	4.7 4.7 4.5 4.4			
85.0 88.0 90.0 93.0 95.0 98.2 99.0 100.0 105.0 110.0	15.2	62.4	3.1	21.3 16.1	70.6 63.4	3.8	29.9 21.9 15.2	70.1 61.0	4.1 4.0	37.8 31.6 24.2 16.0	87.8 80.4 70.8 59.6	4.3 4.2 4.2 4.1	35.0 32.7 26.5 17.1	76.6 73.8 65.9 53.2	3.7 3.5 2.9 2.4



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

		gulo de orincipal			gulo de orincipa			gulo de 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]
				38.0 ı	m Pluma Cab	eza de p	lumín (1	de carga 916-1) 8 ón midfa	6.5 m Pl	eza de p umín	lumín				
22.5	78.0	125.6	6.5												
24.0	77.0	125.2	6.4												
26.0	75.6	124.7	6.2												
28.0	74.2	124.2	6.0												
30.0	72.8	123.5	5.8												
32.0	71.4	122.9	5.7	70.0	400.0	5.0				ł					
33.1 34.0	70.0	122.2	5.5	73.0 72.4	123.3 123.0	5.8 5.8									
36.0	68.6	121.4	5.4	71.0	123.0	5.7				i			i		
38.0	67.2	120.6	5.3	69.6	121.6	5.5				i			i		
40.0	65.7	119.7	5.1	68.1	120.8	5.4									
42.0	64.2	118.7	5.0	66.7	119.9	5.2				i					
44.0	62.7	117.7	4.9	65.2	119.0	5.1									
46.0	61.2	116.6	4.8	63.8	118.1	5.0									
48.0	59.7	115.5	4.7	62.3	117.0	4.9									
49.6							65.0	117.7	5.0						
50.0	58.1	114.2	4.6	60.7	115.9	4.8	64.7	117.5	5.0						
55.0 60.0	54.1 49.8	110.8 106.8	4.4 4.2	56.8 52.7	112.8 109.2	4.6 4.4	60.9 57.0	114.9 111.8	4.8 4.6				ł		
65.0	49.6 45.3	100.8	4.2	52.7 48.4	109.2	4.4	53.0	108.3	4.6						
68.8	45.5	102.2	4.0	40.4	103.0	4.2	33.0	100.5	4.4	55.0	107.6	4.3			
70.0	40.4	96.7	3.7	43.7	100.1	3.9	48.6	104.1	4.2	54.0	106.8	4.3			
75.0	34.9	90.1	3.6	38.6	94.3	3.8	44.0	99.3	4.0	49.8	102.8	4.1			
80.0	28.5	81.8	3.4	32.9	87.2	3.6	38.9	93.5	3.8	45.2	98.1	4.0			
85.0	20.3	70.5	3.2	26.0	78.2	3.4	33.2	86.5	3.7	40.3	92.6	3.8			
87.0	15.9	64.2	3.1												
90.0				16.8	65.1	3.3	26.5	77.6	3.6	34.8	86.0	3.7			
91.0				15.9	63.8	2.8	47.4		0.4	00.0		0.0			
95.0 96.0							17.4 16.5	64.9 63.6	3.4 3.0	28.3	77.7	3.6			
100.0							10.5	03.0	3.0	20.1	66.3	3.6			
100.6										20.1	00.5	3.0	35.0	78.3	3.3
102.0										15.7	60.0	3.5	00.0	10.0	0.0
105.0										l			30.3	72.3	2.8
110.0													22.8	62.1	2.3
112.0													19.0	56.8	2.1



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

		gulo de orincipa			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0 ı		eza de p	al, Punto dumín (19 n] Posici	916-1) 8	9.5 m Pl	eza de p umín	lumín				
23.2	78.0	128.5	5.8												
24.0	77.4	128.3	5.8												
26.0	76.1	127.8	5.5												
28.0	74.8	127.3	5.4												
30.0	73.4	126.7	5.2												
32.0	72.1	126.1	5.0												
34.0	70.7	125.4	4.9	73.0	126.1	5.1									
36.0	69.4	124.6	4.8	71.7	125.5	5.0									
38.0	68.0	123.8	4.6	70.3	124.8	4.9									
40.0	66.6	123.0	4.5	68.9	124.0	4.7									
42.0	65.2	122.0	4.4	67.5	123.2	4.6									
44.0	63.7	121.1	4.3	66.1	122.3	4.5									
46.0	62.3 60.8	120.0 118.9	4.2 4.1	64.7	121.4 120.4	4.3 4.2									
48.0			4.1	63.3	_	4.2									
50.0 50.9	59.3	117.7	4.0	61.8	119.3	4.2	65.0	120.4	4.3						
50.9 55.0	55.5	114.5	3.8	58.1	116.4	3.9	62.0	118.3	4.3						
60.0	51.5	110.7	3.6	54.2	113.0	3.9	58.3	115.4	3.9						
65.0	47.2	106.7	3.4	50.1	109.0	3.5	54.4	112.0	3.7				i		
70.0	42.6	101.2	3.2	45.7	104.4	3.4	50.3	108.1	3.6						
70.5	12.0	101.2	0.2			0	00.0	100.1	0.0	55.0	110.1	3.6			
75.0	37.6	95.2	3.0	41.0	99.0	3.2	46.0	103.5	3.4	51.4	106.7	3.5			
80.0	31.9	87.8	2.9	35.8	92.6	3.1	41.3	98.2	3.3	47.1	102.3	3.3	i		
85.0	25.0	78.4	2.7	29.8	84.7	2.9	36.1	91.8	3.1	42.5	97.2	3.2			
90.0	15.6	64.6	2.5	22.4	74.3	2.7	30.1	84.0	3.0	37.5	91.1	3.1			
94.0				15.6	64.2	2.3									
95.0							22.8	73.8	2.9	31.8	83.8	3.0			
99.0							16.2	64.1	2.4						
100.0										24.9	74.3	2.9			
103.1													35.0	80.0	2.7
105.0										15.4	60.4	2.9	32.8	77.1	2.5
110.0													27.0	69.3	2.0



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

Color Colo			gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916) 23.8	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					38.0 ı	m Pluma Cab	eza de p	lumín (1	916-1) 9	2.5 m Plı	eza de p umín	lumín				
26.0 76.6 130.9 5.0 28.0 75.3 130.4 4.8 30.0 74.0 129.8 4.7 32.0 72.7 129.2 4.5 34.0 71.4 128.5 4.3 34.9 73.0 129.0 4.5 38.0 68.7 127.1 4.1 71.0 128.0 4.3 38.0 68.7 127.1 4.1 71.0 128.0 4.3 40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 48.0 61.9 122.4 3.6 66.5 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5	23.8															
28.0	24.0															
30.0																
32.0																
34.0 71.4 128.5 4.3 34.9 70.1 127.8 4.2 72.3 128.7 4.5 38.0 68.7 127.1 4.1 71.0 128.0 4.3 40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 48.0 61.9 122.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 <																
34.9 36.0 70.1 127.8 4.2 72.3 128.0 4.5 38.0 68.7 127.1 4.1 71.0 128.0 4.3 40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 48.0 61.9 122.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0		1														
36.0 70.1 127.8 4.2 72.3 128.7 4.5 38.0 68.7 127.1 4.1 71.0 128.0 4.3 40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 46.0 63.3 123.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 52.1 65.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 </td <td></td> <td>71.4</td> <td>128.5</td> <td>4.3</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>		71.4	128.5	4.3												
38.0 68.7 127.1 4.1 71.0 128.0 4.3 40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 48.0 61.9 122.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 52.1 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 75.0 40.0 100.0 2.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																
40.0 67.4 126.2 4.0 69.6 127.2 4.2 42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 46.0 63.3 123.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 52.1 52.1 65.0 123.2 3.7 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 85.0 </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>							-									
42.0 66.0 125.4 3.9 68.3 126.5 4.1 44.0 64.7 124.4 3.7 67.0 125.6 3.9 46.0 63.3 123.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																
44.0 64.7 124.4 3.7 67.0 125.6 3.9 46.0 63.3 123.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4<																
46.0 63.3 123.4 3.6 65.6 124.7 3.8 48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 52.1 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 72.3 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																
48.0 61.9 122.4 3.6 64.2 123.8 3.7 50.0 60.4 121.2 3.5 62.8 122.7 3.6 52.1 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 72.3 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 85.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5		i i														
50.0 60.4 121.2 3.5 62.8 122.7 3.6 65.0 123.2 3.7 3.6 3.7 3.6 65.0 123.2 3.7 3.6 3.7 3.6 65.0 123.2 3.7 3.6 3.7 3.6 65.0 123.2 3.7 3.6 3.7 3.6 65.0 123.2 3.7 3.6 3.4 63.0 121.7 3.6 65.0 123.2 3.7 3.4 63.0 121.7 3.6 65.0 123.2 3.7 3.4 63.0 121.7 3.6 65.0 123.2 3.7 3.4 63.0 121.7 3.6 65.0 123.2 3.4 63.0 121.7 3.6 65.0 123.2 3.4 63.0 121.7 3.6 65.0 123.2 3.4 63.0 3.4 65.0 110.0 3.4 65.0 110.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 </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>																
52.1 55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 3.4 3.2 3.0																
55.0 56.8 118.1 3.3 59.2 119.9 3.4 63.0 121.7 3.6 3.6 3.4 66.0 121.7 3.6 3.4 3.4 63.0 121.7 3.6 3.4 3.4 3.4 3.4 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.6 3.4 3.2 3.0		60.4	121.2	3.5	62.8	122.7	3.6									
60.0 52.9 114.5 3.1 55.5 116.7 3.2 59.4 118.9 3.4 65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 72.3 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 95.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 95.0 100.0 2.8 28.7 81.1 2.4 24.4 24.4 24.4 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>																
65.0 48.9 110.4 2.9 51.6 112.9 3.0 55.7 115.7 3.2 70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 95.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 95.0 100.0 2.4 34.7 89.3 2.5 38.1 2.4 105.0 2.8 2.8 2.8 38.1 2.4 24.2 24.2 24.2 24.2 24.2 24.2									I							
70.0 44.6 105.6 2.7 47.5 108.6 2.9 51.9 112.0 3.0 55.0 112.6 3.0 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 95.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 100.0 28.7 81.1 2.4 34.7 89.3 2.5 105.0 28.7 81.1 2.4 21.2 70.1 2.3																
72.3 75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 95.0 100.0 2.4 34.7 89.3 2.5 105.0 28.7 81.1 2.4 21.2 70.1 2.3																
75.0 40.0 100.0 2.6 43.1 103.6 2.7 47.8 107.7 2.9 52.9 110.5 3.0 80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 95.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 100.0 27.0 81.0 2.4 34.7 89.3 2.5 105.0 28.7 81.1 2.4 21.2 70.1 2.3		44.6	105.6	2.7	47.5	108.6	2.9	51.9	112.0	3.0						
80.0 34.8 93.4 2.4 38.3 97.6 2.6 43.4 102.7 2.8 48.8 106.4 2.8 85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 95.0 34.7 89.3 2.5 34.7 89.3 2.5 100.0 28.7 81.1 2.4 105.0 21.2 70.1 2.3		40.0	400.0	0.0	40.4	400.0	0.7	47.0	407.7							
85.0 32.9 90.5 2.5 38.6 96.8 2.6 44.5 101.6 2.7 90.0 26.6 81.6 2.3 33.3 89.8 2.5 39.9 96.0 2.6 95.0 27.0 81.0 2.4 34.7 89.3 2.5 100.0 28.7 81.1 2.4 105.0 21.2 70.1 2.3																
90.0 95.0 100.0 105.0 26.6 81.6 2.3 27.0 81.0 2.4 34.7 28.7 81.1 2.4 21.2 70.1 2.3 2.5 39.9 96.0 2.6 28.7 21.2		34.8	93.4	2.4									-			
95.0 100.0 105.0 27.0 81.0 2.4 34.7 89.3 2.5 28.7 81.1 2.4 21.2 70.1 2.3																
100.0 105.0 28.7 81.1 2.4 21.2 70.1 2.3					26.6	81.6	2.3									
105.0								27.0	81.0	2.4			-			
												i				
	105.0										21.2	/0.1	2.3	35.0	81.7	2.3
											15 1	60.7	2.2			2.3



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

	88° Án I	gulo de principa	pluma I	83° Án I	gulo de principa	pluma I	75° Án I	gulo de principa	pluma I	65° Án	gulo de orincipa	pluma I	45° Án	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				38.0	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 9	5.5 m Pl	eza de p umín	lumín				
24.4	78.0	134.4	4.7												
26.0	77.0	134.0	4.6												
28.0	75.8	133.5	4.5												
30.0	74.5	132.9	4.3												
32.0	73.3	132.4	4.2												
34.0	72.0	131.7	4.1												
35.8				73.0	131.9	4.1									
36.0	70.7	131.0	4.0	72.9	131.8	4.1				•					
38.0	69.4	130.3	3.9	71.6	131.1	4.1									
40.0	68.1	129.5	3.7	70.3	130.4	3.9									
42.0	66.8	128.6	3.6	69.0	129.7	3.8									
44.0	65.5	127.7	3.5	67.7	128.9	3.7									
46.0	64.2	126.8	3.4	66.4	128.0	3.6									
48.0	62.8	125.8	3.3	65.1	127.1	3.5									
50.0	61.5	124.7	3.3	63.7	126.1	3.4									
53.4							65.0	125.9	3.4						
55.0	57.9	121.7	3.0	60.3	123.4	3.2	63.9	125.1	3.4						
60.0	54.3	118.3	2.8	56.8	120.3	2.9	60.5	122.4	3.2						
65.0	50.5	114.4	2.6	53.1	116.7	2.7	57.0	119.3	3.0						
70.0	46.4	109.9	2.3	49.2	112.6	2.5	53.3	115.8	2.8						
74.0										55.0	115.0	2.7			
75.0							49.4	111.7	2.6	54.2	114.3	2.7			
80.0							45.3	107.0	2.3	50.4	110.4	2.5			
85.0	1		l	I	l	1		l	1	46.4	105.8	2.3	ı	l	l



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

		gulo de 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]
				41.0 ı	n Pluma Cab	eza de p	al, Punto dumín (2 n] Posici	316-1) 3	8.5 m Pl	eza de p umín	lumín				
12.6	78.0	81.6	58.9												
13.0	77.4	81.5	58.9												
14.0	75.8	81.3	55.9												
16.0	72.7	80.7	47.3												
18.0	69.6	79.9	40.5												
19.5				73.0	80.3	49.2									
20.0	66.4	79.1	34.7	72.2	80.2	49.0									
22.0	63.0	78.1	30.0	69.0	79.4	45.2									
24.0	59.6	77.0	26.8	65.7	78.6	40.3									
26.0	56.1	75.7	24.1	62.4	77.6	35.5									
28.0	52.4	74.2	22.0	59.0	76.4	31.8									
30.0 30.1	48.5	72.5	20.4	55.4	75.1	28.7	65.0	77.1	32.1						
32.0	44.3	70.5	19.0	51.6	73.5	26.3	61.9	76.1	30.7						
34.0	39.8	68.3	17.7	47.7	71.8	24.1	58.4	75.0	29.1						
36.0	34.8	65.5	16.6	43.5	69.8	22.2	54.8	73.6	27.3						
38.0	29.0	62.2	15.8	38.9	67.4	20.5	51.0	72.0	25.9						
40.0	21.8	57.9	14.9	33.7	64.6	19.2	47.0	70.3	24.5				i		
41.0	17.2	54.9	14.4	00	0 1.0				21.0				İ		
42.0				27.8	61.1	18.0	42.8	68.2	23.2						
42.6										55.0	71.0	20.6			
44.0				20.2	56.5	16.8	38.1	65.8	22.1	52.5	70.0	20.8			
45.0				15.0	53.1	16.2									
46.0							32.9	62.9	21.2	48.6	68.3	20.0			
48.0							26.7	59.3	20.4	44.5	66.4	19.2			
50.0							18.7	54.3	19.5	40.0	64.1	18.3			
51.0							15.1	52.0	15.1						
55.0										25.9	56.2	16.6			
57.0										17.6	50.9	15.9			
63.4													35.0	52.9	10.9
65.0													31.3	50.8	10.9
69.0	I												15.9	41.3	9.7



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

Alcan-	Á			F	rincipal	pluma I		gulo de orincipal			gulo de orincipa			principa	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]
				41.0 r		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4 ⁻	1.5 m Pli	eza de p umín	lumín				
13.2	78.0	84.5	53.7												
14.0	76.9	84.3	53.7												
16.0	74.0	83.8	46.5												
18.0	71.1	83.1	39.5												
20.0	68.2	82.4	34.4	73.0	83.2	45.8									
20.3	65.1	04.5	29.6	73.0 70.6	83.2 82.6	45.8 44.4									
24.0	62.0	81.5 80.5	29.6	70.6 67.6	82.6 81.8	44.4									
26.0	58.8	79.3	23.7	64.6	80.9	35.8									
28.0	55.5	78.0	21.7	61.4	79.9	32.1									
30.0	52.1	76.4	20.0	58.2	78.7	28.9									
31.4	02		20.0	00.2		20.0	65.0	79.8	29.2						
32.0	48.4	74.7	18.7	54.9	77.3	26.2	64.1	79.5	29.1						
34.0	44.6	72.8	17.4	51.4	75.8	24.1	60.9	78.5	27.5						
36.0	40.4	70.5	16.3	47.7	74.0	22.2	57.7	77.2	26.1						
38.0	35.9	67.9	15.3	43.8	72.0	20.5	54.3	75.9	24.5						
40.0	30.8	64.8	14.5	39.6	69.7	19.0	50.8	74.3	23.4						
42.0	24.7	60.9	13.8	35.0	67.0	17.8	47.1	72.5	22.2						
44.0	16.5	55.3	13.0	29.7	63.8	16.7	43.2	70.5	21.0						
44.3										55.0	73.5	18.5			
46.0				23.3	59.6	15.7	38.9	68.1	20.0	52.2	72.3	18.9			
48.0				16.3	54.8	13.7	34.2	65.3	19.2	48.6	70.6	18.1			
50.0							28.8	62.0	18.4	44.7	68.6	17.4			
53.0							18.0	54.8	17.3						
55.0										33.6	62.3	15.6			
60.0										16.9	51.4	14.1	05.0	540	10.1
65.9													35.0	54.6	10.1
70.0 72.0													25.0 17.0	48.3 42.9	9.1 8.6



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 r		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	4.5 m Pli	eza de p umín	lumín				
13.8	78.0	87.5	49.5												
14.0	77.8	87.4	49.5												
16.0	75.1	86.9	45.7												
18.0	72.4	86.3	39.3												
20.0	69.7	85.6	34.0												
21.2				73.0	86.1	43.1									
22.0	66.9	84.8	29.6	71.9	85.8	42.9									
24.0	64.1 61.2	83.8	25.9 23.2	69.2 66.4	85.1 84.2	40.2									
26.0 28.0	58.2	82.8 81.6	23.2	63.5	84.2 83.3	36.6 32.4									
30.0	55.0	80.2	19.7	60.6	82.2	29.3									
32.0	51.8	78.7	18.4	57.6	81.0	26.5									
32.6	31.0	70.7	10.4	37.0	01.0	20.5	65.0	82.6	26.4						
34.0	48.4	77.0	17.2	54.4	79.6	24.2	63.1	81.9	26.6				i		
36.0	44.8	75.0	16.1	51.2	78.0	22.4	60.1	80.8	24.9						
38.0	41.0	72.8	15.1	47.8	76.3	20.7	57.1	79.5	23.6						
40.0	36.8	70.3	14.2	44.1	74.3	19.1	53.9	78.1	22.3						
42.0	32.2	67.3	13.5	40.2	72.0	17.8	50.7	76.5	21.3						
44.0	26.9	63.7	12.8	36.0	69.4	16.6	47.2	74.7	20.3						
46.0	20.2	58.9	12.1	31.3	66.3	15.7	43.5	72.7	19.2	55.0	76.0	16.8			
47.0	15.9	55.7	11.8												
48.0				25.7	62.5	14.8	39.6	70.4	18.3	51.9	74.5	17.3			
50.0				18.7	57.4	13.8	35.3	67.7	17.6	48.6	72.8	16.5			
51.0				15.7	55.2	12.6									
55.0							21.4	58.2	15.9	39.1	67.5	14.8			
56.0							17.4	55.2	15.5	07.4		40.5			
60.0										27.1	59.6	13.5			
63.0 68.4										16.3	51.8	12.7	35.0	56.3	9.4
70.0													35.0 31.6	56.3 54.1	9.4
75.0													16.4	43.3	7.8



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

		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 4	7.5 m Plı	eza de p umín	lumín				
14.5	78.0	90.4	45.0												
16.0	76.1	90.0	44.4												
18.0	73.6	89.5	38.8												
20.0	71.1	88.8	33.1												
22.0	68.5	88.0	29.2												
22.1				73.0	89.0	39.8									
24.0	65.8	87.2	25.6	70.6	88.3	38.9									
26.0	63.1	86.2	22.9	68.0	87.5	36.4									
28.0	60.4	85.1	20.9	65.3	86.6	32.7									
30.0	57.6	83.8	19.3	62.6	85.6	29.3									
32.0	54.6	82.5	17.9	59.9	84.5	26.6									
33.9	-10		40.7		00.0	040	65.0	85.3	26.0						
34.0 36.0	51.6 48.4	80.9 79.2	16.7 15.7	57.0 54.1	83.2 81.8	24.2 22.1	64.9 62.2	85.2 84.2	26.0 25.2						
38.0	48.4 45.1	79.2	15.7	54.1 51.0	80.3	20.5	59.4	84.2 83.1	25.2						
40.0	41.5	75.1	13.8	47.8	78.5	19.0	56.6	81.8	22.5						
40.0	37.6	72.6	13.0	47.6 44.4	76.5 76.5	17.6	53.6	80.4	21.3						
44.0	33.4	69.8	12.3	40.8	74.3	16.4	50.5	78.8	20.4						
46.0	28.7	66.4	11.7	36.9	74.3	15.3	47.3	77.0	19.4						
47.7	20.7	00.4		00.0	7 1.0	10.0	47.0	77.0	10.4	55.0	78.4	16.2			
48.0	23.0	62.1	11.1	32.6	68.8	14.5	43.8	75.0	18.5	54.8	78.3	17.1			
50.0	15.4	56.1	10.5	27.7	65.3	13.7	40.2	72.7	17.6	51.7	76.8	16.7			
54.0				15.1	55.6	11.3				•					
55.0		İ					29.4	65.3	16.0	43.5	72.1	14.9			
59.0							16.8	55.6	14.7						
60.0										33.6	65.7	13.6			
65.0										19.9	55.4	12.5			
66.0										15.8	52.2	12.2			
70.8													35.0	58.1	8.3
75.0													26.2	51.8	7.4
78.0													15.8	43.7	6.8



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto Ilumín (2 n] Posici	316-1) 5	0.5 m Pl		lumín		-		
15.1 16.0 18.0 20.0 22.0 23.0 24.0	78.0 76.9 74.6 72.2 69.8	93.3 93.1 92.6 92.0 91.3	41.8 41.8 37.8 32.9 28.7	73.0 71.8	91.8 91.5	37.4 37.2									
26.0 28.0 30.0 32.0	64.9 62.3 59.7 57.0	89.5 88.5 87.4 86.1	22.8 20.7 19.1 17.7	69.3 66.9 64.4 61.8	90.8 89.9 89.0 87.9	35.5 33.3 29.6 26.9									
34.0 35.2 36.0 38.0	54.3 51.4 48.4	84.7 83.2 81.4	16.5 15.5 14.5	59.2 56.5 53.7	86.8 85.5 84.1	24.5 22.4 20.5	65.0 64.0 61.4	88.0 87.6 86.5	25.3 25.3 24.1						
40.0 42.0 44.0 46.0 48.0	45.2 41.9 38.3 34.5 30.1	79.5 77.4 75.0 72.2 68.9	13.6 12.8 12.1 11.5 10.9	50.8 47.8 44.6 41.3 37.6	82.5 80.7 78.8 76.6 74.1	19.1 17.7 16.5 15.4 14.4	58.8 56.1 53.3 50.4 47.3	85.4 84.1 82.6 81.0 79.2	22.8 21.6 20.6 19.7 18.8						
49.4 50.0 53.0 55.0	25.2 16.3	65.0 57.7	10.4	33.7 21.1	71.2 61.3	13.6	44.1 35.1	77.2 71.0	18.0	55.0 54.4 47.0	80.9 80.6 76.4	15.7 16.6 15.1			
56.0 60.0 62.0 65.0 69.0				17.5	58.4	11.3	23.2 16.2	61.8 56.1	14.7 14.1	38.5 28.0 15.3	70.8 63.0 52.6	13.6 12.7 11.9			
73.3 75.0 80.0 81.0													35.0 32.6 19.3 15.3	59.8 58.0 47.4 44.1	7.5 7.2 6.2 6.0



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı		eza de p	al, Punto lumín (2 n] Posici	316-1) 5	3.5 m Pl	eza de p umín	lumín				
15.7 16.0 18.0 20.0 22.0 23.8 24.0	78.0 77.7 75.5 73.2 71.0	96.3 96.2 95.7 95.1 94.5	37.8 37.8 36.1 32.4 27.8	73.0 72.8	94.7 94.6	33.9 33.9									
26.0 28.0 30.0 32.0 34.0	66.4 64.0 61.6 59.1 56.6	92.8 91.9 90.8 89.7 88.4	22.3 20.2 18.7 17.3 16.0	70.6 68.3 65.9 63.5 61.1	94.0 93.2 92.3 91.3 90.3	33.2 31.8 29.5 26.7 24.7									
36.0 36.4 38.0 40.0 42.0	53.9 51.2 48.4 45.4	87.0 85.4 83.7 81.8	15.0 14.1 13.3 12.5	58.6 56.1 53.4 50.7	89.1 87.8 86.3 84.7	22.4 20.5 18.9 17.6	65.0 63.2 60.7 58.2	90.7 89.9 88.9 87.6	23.4 23.6 22.3 21.3						
44.0 46.0 48.0 50.0	42.3 39.0 35.4 31.4	79.6 77.3 74.6 71.5	11.7 11.1 10.5 10.0	47.8 44.8 41.7 38.3	83.0 81.0 78.9 76.4	16.3 15.2 14.2 13.3	55.7 53.0 50.2 47.4	86.3 84.9 83.2 81.4	20.1 19.2 18.4 17.6		00.0				
51.2 55.0 56.0 59.0 60.0	18.4 15.8	60.4 58.1	8.8 7.8	28.4 17.0	68.6 58.8	11.5	39.5	76.1 68.7	15.7	55.0 49.9 42.4	83.3 80.4 75.5	14.7 14.7			
65.0 70.0 72.0 75.7 80.0 83.0							15.8	56.5	12.8	33.6 21.9 16.2	69.0 59.2 54.2	13.3 12.2 11.3 9.9	35.0 27.2 18.7	61.5 55.2 47.9	6.6 5.8 5.2



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 i	m Pluma Cab	eza de p	al, Punto Ilumín (2 n] Posici	316-1) 5	6.5 m Pl		lumín		-		
16.3 18.0 20.0 22.0 24.0 24.7 26.0 28.0 30.0 32.0 34.0	78.0 76.3 74.2 72.0 69.9 67.7 65.5 63.2 60.9 58.6 56.1	99.2 98.8 98.3 97.6 96.9 96.1 95.2 94.2 93.2 92.0 90.7	34.8 34.4 31.6 27.7 24.2 21.9 20.0 18.4 17.2 15.9 14.8	73.0 71.6 69.5 67.3 65.1 62.8 60.5	97.6 97.1 96.4 95.6 94.7 93.7 92.6	31.3 31.1 30.2 29.6 26.8 24.6 22.8									
37.7 38.0 40.0 42.0	53.6 51.1 48.4	89.2 87.6 85.9	13.9 13.1 12.3	58.1 55.7 53.1	91.4 90.0 88.6	20.8 19.1 17.6	65.0 64.7 62.4 60.1	93.4 93.3 92.3 91.2	22.6 22.6 22.1 20.9						
44.0 46.0 48.0 50.0	45.6 42.6 39.5 36.2	84.0 81.9 79.6 76.9	11.6 10.9 10.3 9.8	50.6 47.8 45.0 42.0	87.0 85.2 83.3 81.1	16.4 15.3 14.3 13.3	57.7 55.3 52.7 50.1	89.9 88.6 87.1 85.5	20.0 19.0 18.1 17.4						
52.9 55.0 59.0 60.0 62.0	26.2 15.4	68.5 58.5	8.6 7.0	33.7 22.7 16.5	74.6 65.0 59.2	11.4 9.9 9.3	43.1 34.9	80.7 74.4	15.5 14.1	55.0 52.5 45.7	85.8 84.3 79.9	14.0 14.5 13.2			
65.0 68.0 70.0 75.0 78.2				10.5	00.2	0.0	24.5 15.3	65.4 56.9	12.7 11.9	38.0 28.6 15.7	74.2 66.4 54.6	11.9 11.0 9.1	35.0	63.2	6.0
80.0 85.0 86.0													32.7 21.3 18.2	61.3 51.3 48.4	5.7 4.8 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 principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 5	9.5 m Pl	eza de p umín	lumín				
17.0	78.0	102.1	31.7												
18.0	77.0	101.9	31.7												
20.0	75.0	101.4	29.8												
22.0	73.0	100.8	27.3												
24.0	70.9	100.1	23.8												
25.6				73.0	100.4	28.6									
26.0	68.9	99.4	21.3	72.6	100.3	28.5									
28.0	66.8	98.5	19.4	70.6	99.6	28.1									
30.0	64.7	97.6	17.8	68.5	98.8	27.5									
32.0	62.5	96.6	16.6	66.4	98.0	26.2									
34.0	60.3	95.5	15.5	64.3	97.1	24.0									
36.0	58.1	94.3	14.4	62.1	96.0 94.9	22.4									
38.0 39.0	55.7	92.9	13.4	59.9	94.9	20.7	65.0	96.1	21.2						
40.0	53.4	91.5	12.5	57.6	93.6	18.9	63.9	95.7	21.2						
42.0	50.9	89.9	11.8	55.3	92.3	17.4	61.8	94.6	20.3						
44.0	48.4	88.2	11.2	52.9	90.8	16.0	59.5	93.5	19.3						
46.0	45.7	86.3	10.5	50.4	89.2	15.0	57.3	92.2	18.5						
48.0	42.9	84.2	9.9	47.9	87.4	14.0	54.9	90.8	17.5				i		
50.0	40.0	81.9	9.3	45.2	85.5	13.0	52.5	89.3	16.6						
54.6										55.0	88.2	13.1			
55.0	31.6	74.8	8.2	37.8	79.8	11.0	46.1	85.0	15.0	54.7	88.0	13.7			
60.0	20.4	64.3	7.2	29.0	72.0	9.6	38.9	79.4	13.5	48.5	84.0	12.6			
61.0	17.4	61.3	7.0												
65.0				16.1	59.6	8.2	30.3	72.0	12.3	41.6	78.9	11.5			
70.0							18.4	60.7	11.0	33.6	72.3	10.5			
71.0							16.1	58.5	10.2						
75.0										23.3	62.9	9.7			
78.0										15.3	55.0	8.3			
80.6													35.0	64.9	5.1
85.0													27.9	58.6	4.4
89.0													17.7	48.8	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	75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı	m Pluma Cab	eza de p	lumín (2	de carga 316-1) 6: ón midfa	2.5 m Plı	eza de p umín	lumín				
17.6 18.0 20.0 22.0 24.0	78.0 77.6 75.7 73.8 71.9	105.1 105.0 104.5 103.9 103.3	29.4 29.4 28.6 26.9 23.7												
26.0 26.5 28.0 30.0 32.0	69.9 68.0 66.0 63.9	102.6 101.8 100.9 100.0	21.1 19.2 17.6 16.3	73.0 71.5 69.6 67.6	103.3 102.8 102.1 101.3	26.8 26.6 26.1 25.6									
34.0 36.0 38.0 40.0 40.2	61.9 59.8 57.6 55.4	98.9 97.8 96.5 95.2	15.2 14.2 13.2 12.3	65.6 63.6 61.5 59.4	100.4 99.4 98.3 97.2	23.9 22.1 20.8 19.2	65.0	98.9	19.8						
42.0 44.0 46.0 48.0 50.0	53.1 50.8 48.4 45.8 43.2	93.7 92.1 90.4 88.5 86.4	11.6 10.9 10.3 9.7 9.2	57.2 55.0 52.7 50.3 47.9	95.9 94.6 93.1 91.4 89.7	17.5 16.1 14.9 13.9 13.0	63.2 61.2 59.0 56.8 54.6	98.0 96.9 95.8 94.5 93.1	20.1 19.0 18.1 17.3 16.4						
55.0 56.3 60.0 64.0 65.0	35.9 27.0 17.0	80.3 71.9 61.7	7.0 6.3	41.3 33.7 24.0	84.5 77.9 68.6	10.9 9.4 8.1	48.7 42.2 34.8	89.1 84.1 77.7	14.7	55.0 50.9 44.6	90.7 88.0 83.3	12.4 12.4 11.3			
68.0 70.0 74.0 75.0				15.7	60.0	7.4	25.5 15.7	68.9 58.9	10.9 9.3	37.6 29.1	77.5 69.8	10.2 9.5 8.3			
80.0 83.1 85.0 90.0 92.0										16.2	56.8	8.3	35.0 32.8 22.8 17.3	66.7 64.6 54.9 49.3	4.4 4.2 3.4 3.1



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de orincipa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (2: n] Posici	316-1) 6	5.5 m Pl		lumín		-		
18.2 20.0 22.0 24.0 26.0	78.0 76.4 74.6 72.8 70.9	108.0 107.6 107.0 106.4 105.8	26.5 26.2 24.9 23.1 20.7			-									
27.4 28.0 30.0 32.0 34.0	69.0 67.1 65.2 63.3	105.0 104.2 103.3 102.3	18.9 17.4 16.0 14.8	73.0 72.4 70.6 68.7 66.8	106.2 106.0 105.3 104.5 103.7	24.1 24.0 23.7 23.2 22.5									
36.0 38.0 40.0 41.5 42.0	61.3 59.3 57.2 55.1	101.2 100.1 98.8 97.4	13.9 13.0 12.1	64.9 62.9 60.9 58.9	102.8 101.7 100.7	21.3 20.3 19.5	65.0 64.6	101.6 101.4	19.0 19.0						
44.0 46.0 48.0 50.0 55.0	52.9 50.7 48.3 45.9 39.4	96.0 94.4 92.6 90.7 85.2	10.6 10.0 9.5 8.9 7.7	56.8 54.7 52.5 50.2 44.2	98.2 96.8 95.3 93.7 89.0	16.3 15.0 13.9 13.0 10.9	62.6 60.6 58.6 56.5 51.0	100.4 99.2 98.1 96.8 93.0	18.7 17.7 16.9 16.1 14.4						
58.0 60.0 65.0 67.0 70.0	31.8 22.0 16.5	78.1 68.1 62.2	6.7 5.9 5.5	37.5 29.4 18.4	83.1 75.4 63.8	9.3 8.1 6.9	45.1 38.5 30.6	88.5 82.8 75.4	13.0 11.8	55.0 53.0 47.3	93.2 91.8 87.6	11.6 12.1 10.9			
70.0 71.0 75.0 77.0 80.0 83.0				15.3	60.4	6.6	20.3 15.4	64.6 59.3	9.5 8.4	33.6 24.4 15.8	75.6 66.4 57.2	9.9 9.1 8.0 7.3			
85.6 90.0 95.0										13.0	31.2	1.5	35.0 28.5 16.8	68.4 62.0 49.7	3.6 3.0 2.3



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

		gulo de orincipa			gulo de orincipa		75° Án	gulo de principa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 6	8.5 m Plı	eza de p umín	lumín		-		
18.8 20.0 22.0 24.0 26.0	78.0 77.0 75.3 73.5 71.8	110.9 110.7 110.2 109.6 108.9	24.1 24.1 23.2 22.4 20.3			_									
28.0 28.2 30.0 32.0 34.0	70.0 68.2 66.4 64.5	108.2 107.5 106.6 105.7	18.6 17.2 15.8 14.7	73.0 71.4 69.7 67.9	109.0 108.5 107.7 106.9	21.9 21.7 21.3 20.8									
36.0 38.0 40.0 42.0 42.8	62.7 60.8 58.8 56.8	104.7 103.6 102.4 101.1	13.7 12.8 11.9 11.1	66.0 64.2 62.3 60.4	106.1 105.1 104.1 103.0	20.2 19.5 19.0 18.2	65.0	104.3	18.1						
44.0 46.0 48.0 50.0 55.0	54.8 52.7 50.6 48.3 42.4	99.7 98.2 96.6 94.9 89.8	10.4 9.8 9.3 8.7 7.5	58.4 56.4 54.4 52.3 46.8	101.8 100.5 99.1 97.6 93.2	16.7 15.3 14.1 13.1 11.0	63.9 62.0 60.1 58.1 53.0	103.7 102.7 101.6 100.3 96.9	18.1 17.5 16.6 16.0 14.2						
59.8 60.0 65.0 70.0 74.0	35.7 27.6 16.2	83.6 75.3 62.6	6.5 5.7 5.0	40.7 33.7 25.0 16.0	87.9 81.2 72.1 62.1	9.3 8.0 6.9 5.4	47.6 41.5 34.7	92.6 87.5 81.0	12.9 11.6 10.6	55.0 54.9 49.5 43.8	95.6 95.5 91.6 86.8	11.0 11.5 10.7 9.8			
75.0 79.0 80.0 85.0 86.0							26.3 17.1	72.3 62.1	9.5 8.6	37.2 29.1 20.1 17.4	80.8 72.7 62.8 59.8	7.8 6.7 6.6			
88.0 90.0 95.0 96.0													35.0 32.8 23.9 21.7	70.1 67.9 58.5 56.1	3.1 2.8 2.2 2.0



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

		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı		eza de p	al, Punto dumín (2 n] Posici	316-1) 7	1.5 m Pl	eza de p umín	lumín				
19.5	78.0	113.9	21.9												
20.0	77.6	113.8	21.9												
22.0	75.9	113.3	21.5												
24.0	74.2	112.7	20.6												
26.0	72.6	112.1	19.3												
28.0	70.9	111.4	17.8												
29.1				73.0	111.9	20.1									
30.0	69.2	110.7	16.6	72.2	111.6	20.0									
32.0	67.4	109.9	15.3	70.6	110.9	19.8									
34.0	65.7	109.0	14.1	68.8	110.2	19.4									
36.0	63.9	108.0	13.1	67.1	109.3	19.0									
38.0	62.1	107.0	12.3	65.3	108.4	18.5									
40.0	60.3	105.9	11.5	63.6	107.5	18.0									
42.0	58.4	104.7	10.7	61.8	106.4	17.6									
44.0	56.5	103.4	10.0	59.9	105.3	16.7	65.0	107.0	16.6						
46.0	54.5	102.0	9.3	58.0	104.1	15.3	63.3	106.1	16.9						
48.0	52.5 50.5	100.5	8.8	56.1	102.7 101.3	14.0	61.5 59.6	105.0 103.9	16.1						
50.0 55.0	45.0	98.8 94.2	8.3 7.1	54.1 49.0	97.3	12.9 10.7	59.6 54.8	103.9	15.3 13.7						
60.0	39.0	88.6	6.1	43.4	92.4	9.1	49.7	96.7	12.3						
61.5	39.0	00.0	0.1	43.4	92.4	9.1	49.7	90.7	12.3	55.0	98.1	10.3			
65.0	32.0	81.4	5.4	37.1	86.4	7.7	44.2	91.9	11.1	51.6	95.5	10.3			
70.0	23.2	71.7	4.7	29.8	78.7	6.6	38.1	86.1	10.1	46.2	91.1	9.3			
73.0	15.8	63.0	4.2	23.0	70.7	0.0	30.1	00.1	10.1	40.2	31.1	3.5	i		
75.0	10.0	00.0		20.1	67.8	5.6	30.9	78.7	9.2	40.3	85.7	8.5			
77.0				15.7	62.5	4.8	00.0		0.2	10.0		0.0			
80.0							21.7	68.4	8.1	33.2	78.6	7.4			
82.0							16.7	62.5	7.6						
85.0										25.9	70.6	6.4			
89.0										17.0	60.2	5.7			
90.5													35.0	71.8	2.3
93.0													32.1	68.8	2.1



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

		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ll, Punto lumín (2 l] Posici	316-1) 7	4.5 m Pl	eza de p umín	lumín				
20.1	78.0	116.8	20.6												
22.0	76.5	116.4	20.4												
24.0	74.9	115.8	19.7												
26.0	73.3	115.2	18.9												
28.0	71.7	114.6	17.4												
30.0	70.0	113.9	16.2	73.0	114.8	19.0									
32.0	68.4	113.1	15.2	71.4	114.1	18.9									
34.0	66.7	112.3	14.0	69.7	113.4	18.6							<u> </u>		
36.0	65.0	111.4	12.9	68.1	112.6	18.2									
38.0	63.3	110.4	12.0	66.4	111.7	17.9									
40.0	61.6	109.3	11.3	64.7	110.8	17.5									
42.0	59.8	108.2	10.6	63.0	109.8	17.1									
44.0	58.0	106.9	9.8	61.2	108.7	16.8									
45.3							65.0	109.7	16.1						
46.0	56.2	105.6	9.2	59.5	107.6	15.7	64.4	109.4	16.1						
48.0	54.3	104.2	8.6	57.7	106.3	14.3	62.7	108.4	15.8						
50.0	52.3	102.7	8.1	55.8	105.0	13.1	61.0	107.3	15.1						
55.0	47.3	98.4	7.0	51.0	101.2	10.7	56.4	104.2	13.5						
60.0	41.8	93.3	6.0	45.8	96.7	9.1	51.7	100.6	12.1						
63.2										55.0	100.5	9.7			
65.0	35.5	86.9	5.2	40.1	91.3	7.6	46.5	96.2	10.9	53.4	99.3	9.9			
70.0	28.2	78.7	4.5	33.6	84.5	6.5	40.9	90.9	9.9	48.4	95.2	9.0			
75.0	18.2	66.8	3.9 3.7	25.8	75.6	5.6	34.6	84.3	9.0	43.0	90.2	8.2			
76.0	15.5	63.4	3.7	15.0	62.9	4.2	27.0	75.0	8.0	26.7	02.0	7.2			
80.0				15.3	62.9	4.2		75.8 62.9	7.0	36.7 30.4	83.9 77.1	6.2			
85.0 90.0							16.4	02.9	7.0	30.4 21.5	66.6	5.3			
90.0										16.7	60.6	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]
				41.0 ו	m Pluma Cab	eza de p	II, Punto Iumín (2: I Posici	316-1) 7	7.5 m Plı	eza de p umín	lumín				
20.7	78.0	119.7	18.9												
22.0	77.0	119.4	18.9												
24.0	75.5	118.9	18.2												
26.0	74.0	118.4	17.7												
28.0	72.4	117.8	16.6												
30.0	70.8	117.1	15.5												
30.9				73.0	117.6	17.4									
32.0	69.3	116.3	14.7	72.1	117.3	17.3									
34.0	67.7	115.5	13.7	70.6	116.6	17.1									
36.0	66.1	114.7	12.6	69.0	115.8	16.8									
38.0	64.4	113.7	11.7	67.4	115.0	16.5									
40.0	62.8	112.7	10.9	65.8	114.1	16.1									
42.0	61.1	111.6	10.3	64.1	113.2	15.7									
44.0	59.4 57.6	110.5	9.6	62.5 60.8	112.2 111.1	15.4									
46.0 46.6	57.6	109.2	8.9	60.8	111.1	15.2	65.0	112.5	15.1						
48.0	55.9	107.9	8.3	59.1	109.9	13.9	63.9	112.5	15.1						
50.0	54.0	107.9	7.8	57.3	109.9	12.8	62.2	110.8	14.7						
55.0	49.3	100.5	6.7	52.8	105.0	10.6	57.9	10.8	13.2						
60.0	44.2	97.7	5.7	47.9	100.9	8.9	53.4	104.4	11.7						
64.9		01.1	0.7	47.0	100.0	0.0	00.4	101.1		55.0	103.0	9.0			
65.0	38.6	91.9	4.9	42.7	95.8	7.5	48.6	100.2	10.6	55.0	103.0	9.3			
70.0	32.1	84.8	4.2	36.9	89.8	6.3	43.5	95.4	9.6	50.4	99.2	8.7			
75.0	24.1	75.3	3.6	30.1	82.1	5.4	37.7	89.4	8.7	45.3	94.6	8.0			
79.0	15.2	63.8	3.1												
80.0				21.5	71.5	4.5	31.1	82.0	7.9	39.6	88.8	6.8			
83.0				15.0	63.2	3.6									
85.0							22.8	72.0	6.9	34.0	82.7	5.8			
88.0							16.0	63.3	6.2						
90.0										26.6	74.1	4.9			
95.0										16.3	61.1	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]
				41.0	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	0.5 m Plı	eza de p umín	lumín				
21.3	78.0	122.7	17.5												
22.0	77.5	122.5	17.5												
24.0	76.0	122.0	17.0												
26.0	74.6	121.5	16.4												
28.0	73.1	120.9	15.8												
30.0	71.6	120.3	14.9												
31.7				73.0	120.5	16.0									
32.0	70.1	119.5	14.2	72.8	120.4	16.0									
34.0	68.6	118.8	13.5	71.3	119.8	15.9									
36.0	67.0	117.9	12.4	69.8	119.0	15.6									
38.0	65.5	117.0	11.5	68.3	118.3	15.3									
40.0	63.9	116.1	10.7	66.7	117.4	15.0									
42.0	62.3	115.1	10.0	65.2	116.5	14.6									
44.0	60.6	113.9	9.4	63.6	115.5	14.3									
46.0	59.0	112.8	8.7	62.0	114.5	14.1									
47.8							65.0	115.2	13.9						
48.0	57.3	111.5	8.1	60.3	113.4	13.6	64.9	115.1	14.4						
50.0	55.6	110.2	7.6	58.7	112.2	12.6	63.3	114.1	14.4						
55.0	51.1	106.4	6.5	54.4	108.8	10.4	59.2	111.4	12.9						
60.0	46.4	101.9	5.5	49.9	104.9	8.9	55.0	108.1	11.5						
65.0	41.2	96.6	4.7	45.0	100.2	7.4	50.5	104.2	10.3						
66.6										55.0	105.4	8.5			
70.0	35.4	90.2	4.0	39.7	94.6	6.2	45.7	99.7	9.4	52.1	103.0	8.6			
75.0	28.6	82.1	3.4	33.6	87.8	5.2	40.4	94.2	8.5	47.4	98.7	7.7			
80.0	19.8	70.8	2.9	26.4	79.0	4.4	34.5	87.6	7.8	42.1	93.4	6.7			
82.0	15.8	65.4	2.4												
85.0				16.5	66.1	3.6	27.5	79.2	6.8	37.1	87.9	5.7			
90.0							18.2	67.1	5.8	30.7	80.4	4.8			
91.0							15.7	63.7	5.6						
95.0										22.6	70.2	4.0			
98.0										16.0	61.5	3.5			



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	3.5 m Pli	eza de p umín	lumín				
22.0	78.0	125.6	16.0												
24.0	76.6	125.1	15.8												
26.0	75.1	124.6	15.4												
28.0	73.7	124.0	15.1												
30.0	72.3	123.4	14.3												
32.0	70.8	122.7	13.6												
32.6				73.0	123.4	14.8									
34.0	69.4	122.0	13.0	72.0	122.9	14.8									
36.0	67.9	121.2	12.2	70.5	122.2	14.6									
38.0	66.4	120.3	11.2	69.1	121.5	14.3									
40.0	64.9 63.3	119.4 118.4	10.4 9.7	67.6 66.1	120.7 119.8	14.0 13.7									
42.0 44.0	61.8	118.4	9.7 9.1	64.6	119.8	13.7									
46.0	60.2	116.3	8.5	63.1	117.9	13.4									
48.0	58.6	115.1	7.9	61.5	116.8	13.0									
49.1	00.0	110.1	7.0	01.0	110.0	10.0	65.0	117.9	13.3						
50.0	57.0	113.8	7.3	59.9	115.7	12.4	64.4	117.5	13.3						
55.0	52.8	110.2	6.2	55.9	112.5	10.2	60.5	114.8	12.5						
60.0	48.3	106.0	5.3	51.6	108.8	8.6	56.4	111.7	11.2						
65.0	43.5	101.1	4.4	47.0	104.4	7.3	52.2	108.1	10.0						
68.4										55.0	107.9	7.9			
70.0	38.2	95.3	3.7	42.1	99.3	6.0	47.7	103.8	9.1	53.7	106.8	8.2			
75.0	32.2	88.1	3.1	36.6	93.1	5.0	42.8	98.8	8.2	49.3	102.8	7.5			
80.0	24.9	78.8	2.6	30.4	85.4	4.2	37.4	92.8	7.5	44.4	97.8	6.3			
85.0				22.6	75.2	3.5	31.3	85.4	6.7	39.8	92.8	5.4			
88.0				16.2	66.5	3.0									
90.0							23.8	75.6	5.7	34.0	86.1	4.5			
94.0							15.4	64.1	4.9						
95.0										27.2	77.5	3.7			
100.0										18.1	65.3	2.9			
101.0										15.7	61.9	2.8			



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		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	6.5 m Pli	eza de p umín	lumín				
22.6	78.0	128.5	14.8												
24.0	77.0	128.2	14.8												
26.0	75.7	127.7	14.5												
28.0	74.3	127.2	14.2												
30.0	72.9	126.6	13.7												
32.0	71.5	125.9	13.0												
33.5				73.0	126.2	13.9									
34.0	70.1	125.2	12.5	72.6	126.1	13.9									
36.0	68.7	124.4	12.1	71.3	125.4	13.8									
38.0	67.3 65.8	123.6 122.7	11.1 10.2	69.8 68.4	124.7 123.9	13.5 13.2									
40.0 42.0	64.3	122.7	9.5	67.0	123.9	13.2									
42.0 44.0	62.9	121.8	9.5 8.8	65.5	123.1	12.7									
46.0	61.4	119.7	8.3	64.1	121.2	12.7									
48.0	59.8	118.6	7.7	62.6	120.2	12.3									
50.0	58.3	117.3	7.2	61.1	119.1	12.1									
50.4	00.0		7.2	0			65.0	120.6	12.4						
55.0	54.3	114.0	6.0	57.2	116.1	10.2	61.6	118.3	12.3						
60.0	50.1	110.0	5.1	53.1	112.6	8.5	57.7	115.3	11.1						
65.0	45.6	105.4	4.3	48.9	108.5	7.2	53.7	111.9	9.8						
70.0	40.7	100.0	3.5	44.3	103.7	6.0	49.5	107.8	8.9						
70.1										55.0	110.4	7.5			
75.0	35.3	93.5	2.9	39.3	98.0	4.9	44.9	103.1	8.1	51.0	106.7	7.2			
80.0	29.0	85.5	2.4	33.6	91.1	4.1	40.0	97.6	7.3	46.4	102.1	6.1			
85.0				27.0	82.5	3.4	34.5	90.9	6.7	42.1	97.4	5.1			
90.0				18.2	70.2	2.7	28.0	82.6	5.7	36.9	91.3	4.2			
91.0				15.9	66.9	2.5									
95.0							19.7	71.1	4.8	30.9	83.7	3.4			
97.0							15.1	64.5	4.4						
100.0										23.5	73.8	2.7			
104.0										15.4	62.3	2.1			



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 8	9.5 m Pl	eza de p umín	lumín				
23.3	78.0	131.5	13.0												
24.0	77.5	131.3	13.0												
26.0	76.2	130.8	12.8												
28.0	74.9	130.3	12.5												
30.0	73.5	129.7	12.3												
32.0	72.2	129.1	11.8												
34.0	70.8	128.4	11.4												
34.4				73.0	129.1	12.1									
36.0	69.4	127.7	11.0	71.9	128.6	12.1									
38.0	68.0	126.9	10.4	70.5	127.9	11.9									
40.0	66.7	126.0	9.6	69.2	127.1	11.6									
42.0	65.2	125.1	8.9	67.8	126.3	11.4									
44.0	63.8	124.1	8.2	66.4	125.5	11.1									
46.0	62.4	123.1	7.7	65.0	124.5	10.9									
48.0	60.9 59.4	122.0	7.2	63.5	123.6	10.7									
50.0	59.4	120.8	6.7	62.1	122.5	10.5	05.0	400.0	40.7						
51.6	55.0	447.0		50.4	440.0	0.0	65.0	123.3 121.6	10.7						
55.0 60.0	55.6 51.5	117.6 113.8	5.5 4.6	58.4 54.5	119.6 116.2	9.3 7.9	62.6 58.9	121.6	10.7 10.0						
65.0	47.3	109.4	3.8	50.4	110.2	6.9	55.0	115.5	9.1						
70.0	42.7	109.4	3.0	46.1	107.8	5.7	51.0	111.6	8.3						
71.8	42.7	104.4	3.1	40.1	107.6	5.7	31.0	111.0	0.3	55.0	112.8	6.9			
71.8 75.0	37.7	98.3	2.5	41.4	102.4	4.6	46.7	107.2	7.6	52.4	110.4	6.8			
80.0	31.1	90.3	2.0	36.2	96.1	3.7	40.7	107.2	6.8	48.2	106.2	5.7			
85.0				30.2	88.3	3.0	36.9	95.8	6.2	44.2	100.2	4.8			
90.0				23.0	78.1	2.4	31.1	88.3	5.4	39.4	96.2	3.9			
95.0				20.0	70.1	2.7	24.1	78.5	4.5	34.0	89.4	3.1			
100.0							15.7	66.1	3.5	27.7	80.9	2.4			
102.0									0.0	24.7	76.7	2.1			



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		gulo de orincipa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı			II, Punto Iumín (2			eza de p umín	lumín				
						46.0 [m	ı] Posici	ón midfa	II (2316)						
23.9	78.0	134.4	11.9												
24.0	77.9	134.4	11.9												
26.0	76.6	133.9	11.9												
28.0	75.4	133.4	11.6												
30.0	74.1	132.8	11.4												
32.0	72.8	132.2	11.1												
34.0	71.5	131.6	10.7												
35.3				73.0	132.0	11.1									
36.0	70.1	130.9	10.5	72.5	131.8	11.1				ł					
38.0 40.0	68.8 67.5	130.1 129.3	10.3 9.4	71.2 69.9	131.1 130.4	11.0 10.8									
40.0	66.1	129.3	9. 4 8.7	68.5	129.6	10.6									
44.0	64.7	127.5	8.0	67.2	129.0	10.3				i					
46.0	63.3	126.5	7.5	65.8	127.9	10.0				i					
48.0	61.9	125.4	7.0	64.5	126.9	9.8									
50.0	60.5	124.3	6.5	63.1	125.9	9.6									
52.9							65.0	126.1	9.7	i					
55.0	56.8	121.2	5.4	59.5	123.1	8.8	63.5	125.0	9.7	İ					
60.0	53.0	117.6	4.4	55.8	119.9	7.6	60.0	122.3	9.3						
65.0	49.0	113.5	3.7	51.9	116.2	6.7	56.3	119.1	8.7						
70.0	44.7	108.7	3.0	47.8	111.9	5.7	52.5	115.5	8.0						
73.5										55.0	115.3	6.4			
75.0	40.1	103.2	2.4	43.5	106.9	4.6	48.4	111.3	7.4	53.9	114.2	6.4			
80.0				38.7	101.1	3.6	44.1	106.4	6.6	49.9	110.2	5.5			
85.0				33.4	94.1	2.9	39.4	100.7	6.0	46.1	106.1	4.6			
90.0				27.1	85.3	2.3	34.1	93.9	5.4	41.6	100.8	3.7			
95.0							28.0	85.5	4.6	36.7	94.6	2.9			
100.0							20.3	74.1	3.7	31.0	87.1	2.2 2.0			
101.0 103.0							15.4	66.5	3.0	29.8	85.3	2.0			
103.0							15.4	00.5	ა.0						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 i		eza de p	II, Punto Ilumín (2: I Posici	316-1) 9	5.5 m Pli	eza de p umín	lumín				
24.5	78.0	137.4	10.9												
26.0	77.1	137.0	10.9												
28.0	75.8	136.5	10.7												
30.0	74.6	136.0	10.4												
32.0	73.3	135.4	10.2												
34.0	72.1	134.7	10.0												
36.0	70.8	134.1	9.7												
36.1				73.0	134.9	10.1									
38.0	69.5	133.3	9.5	71.8	134.3	10.1									
40.0	68.2	132.5	9.1	70.5	133.6	9.9									
42.0	66.9	131.7	8.4	69.3	132.8	9.7									
44.0	65.6	130.8	7.7	68.0	132.0	9.5									
46.0	64.2	129.8	7.1	66.6	131.1	9.3									
48.0	62.9	128.8	6.6	65.3	130.2	9.0									
50.0	61.5	127.7	6.2	64.0	129.3	8.8									
54.2							65.0	128.8	8.8						
55.0	58.0	124.8	5.1	60.6	126.6	8.4	64.4	128.4	8.8						
60.0	54.4	121.4	4.1	57.0	123.5	7.2	61.0	125.8	8.6						
65.0	50.6	117.5	3.4	53.3	120.0	6.3	57.5	122.7	8.2						
70.0 75.0	46.5 42.2	113.0 107.8	2.7 2.1	49.5 45.4	115.9 111.2	5.5 4.4	53.9	119.3 115.3	7.6 7.0						
75.0 75.2	42.2	107.8	2.1	45.4	111.2	4.4	50.0	115.3	7.0	55.0	117.7	5.9			
80.0				40.9	105.8	3.5	45.9	110.7	6.4	55.0 51.8	117.7	5.9			
85.0				36.0	99.4	2.7	45.9	105.4	5.7	47.8	114.5	4.2			
90.0				30.0	33.₩	2.1	36.7	99.1	5.7	43.6	105.3	3.3			
95.0							31.3	91.6	4.3	39.0	99.5	2.5			
98.0							31.3	91.0	4.0	36.1	95.6	2.5			
100.0							24.8	82.0	3.5	30.1	33.0	4.1			
105.0							16.0	68.3	2.7						
106.0							15.2	66.9	2.5						



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		gulo de principa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0		eza de p	ıl, Punto lumín (2 ı] Posici	316-1) 9	8.5 m Pli	eza de p umín	lumín				
25.1	78.0	140.3	10.1												
26.0	77.5	140.1	10.1												
28.0	76.3	139.6	10.0												
30.0	75.1	139.1	9.7												
32.0	73.9	138.5	9.5												
34.0	72.6	137.9	9.3												
36.0	71.4	137.2	9.1												
37.0				73.0	137.7	9.3									
38.0	70.2	136.5	8.9	72.4	137.4	9.3									
40.0	68.9	135.8	8.8	71.2	136.7	9.2									
42.0	67.6	134.9	8.1	69.9	136.0	9.0									
44.0	66.4	134.1	7.5	68.7	135.2	8.8									
46.0	65.1	133.2	6.9	67.4	134.4	8.7									
48.0	63.8	132.2	6.4	66.1	133.5	8.4									
50.0	62.5	131.1	6.0	64.8	132.6	8.3									
55.0	59.1	128.3	4.9	61.6	130.0	7.9	05.0	404.5	8.1						
55.4 60.0	55.6	125.0	4.0	58.2	127.1	7.0	65.0 62.0	131.5 129.2	8.1						
65.0	52.0	125.0	3.2	56.2 54.6	127.1	6.1	58.6	129.2	7.7						
70.0	48.2	117.1	2.6	51.0	119.8	5.4	55.1	120.3	7.7						
75.0	40.2	117.1	2.0	47.1	115.4	4.4	51.5	119.2	6.7						
77.0				47.1	113.4	4.4	31.3	119.2	0.7	55.0	120.2	5.5			
80.0				42.9	110.4	3.4	47.6	114.8	6.2	53.1	118.3	4.9			
85.0				38.4	104.4	2.6	43.5	109.9	5.5	49.4	114.2	3.9			
90.0							39.0	104.1	4.9	45.4	109.6	3.1			
95.0							34.7	98.1	4.1	41.1	104.2	2.3			
96.0							l •			40.3	103.0	2.1			
100.0							29.1	89.9	3.3	. 5.0					
105.0				Ī			22.4	79.4	2.6						
108.0							17.1	70.9	2.1						



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		gulo de orincipal			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	n Pluma Cabe	eża de pl	ıl, Punto umín (23 ı 1 Posici	316-1) ĬC	1.5 m P	eza de p lumín	lumín		-		
25.8	78.0	143.2	9.3			00.0[11	1 1 00101		(2010)						
26.0	77.9	143.2	9.3												
28.0	76.7	143.2	9.3												
30.0	75.5	142.7	9.0												
32.0	74.3	141.6	8.9												
34.0	73.2	141.0	8.7												
36.0	72.0	140.4	8.5												
37.9	. 2.0		0.0	73.0	140.6	8.5									
38.0	70.8	139.7	8.3	72.9	140.6	8.5									
40.0	69.6	139.0	8.1	71.7	139.9	8.5									
42.0	68.3	138.2	7.8	70.5	139.2	8.4									
44.0	67.1	137.4	7.2	69.3	138.5	8.2									
46.0	65.9	136.5	6.6	68.1	137.7	8.0									
48.0	64.6	135.5	6.1	66.9	136.8	7.9									
50.0	63.4	134.5	5.7	65.6	135.9	7.7									
55.0	60.1	131.8	4.7	62.5	133.4	7.3									
56.7							65.0	134.2	7.4						
60.0	56.8	128.7	3.7	59.2	130.6	6.7	62.9	132.6	7.4						
65.0	53.3	125.1	2.9	55.8	127.4	5.8	59.7	129.8	7.1						
70.0	49.7	121.1	2.3	52.3	123.7	5.1	56.3	126.6	6.7						
75.0				48.6	119.5	4.3	52.8	123.0	6.3						
78.7										55.0	122.7	4.8			
80.0				44.7	114.7	3.3	49.2	118.9	6.0	54.4	122.0	4.5			
85.0				40.5	109.2	2.5	45.3	114.2	5.3	50.8	118.2	3.6			
90.0							41.1	108.8	4.6	47.1	113.8	2.7			
94.0							07.4	400.0	0.0	43.9	109.8	2.1			
95.0							37.1 32.1	103.2 95.9	3.8 3.0						
100.0 105.0							32.1 26.2	95.9 86.8	2.3						
105.0							24.9	84.7	2.3						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 10	14.5 m P	eza de p lumín	lumín				
26.4	78.0	146.2	8.7												
28.0	77.1	145.8	8.7												
30.0	75.9	145.3	8.5												
32.0	74.8	144.8	8.3												
34.0	73.7	144.2	8.2												
36.0	72.5	143.6	8.0												
38.0	71.3	142.9	7.8												
38.8				73.0	143.5	7.9									
40.0	70.2	142.2	7.6	72.3	143.1	7.9									
42.0	69.0	141.4	7.5	71.1	142.4	7.8									
44.0	67.8	140.6	7.0	70.0	141.7	7.7									
46.0	66.6	139.8	6.4	68.8	140.9	7.5									
48.0	65.4	138.8	5.9	67.6	140.1	7.4									
50.0	64.2	137.9	5.5	66.4	139.2	7.2									
55.0	61.1	135.3	4.6	63.3	136.8	6.8	25.0	400.0	0.0						
58.0	57.9	400.0	0.0	00.0	404.4	6.4	65.0	136.9	6.8						
60.0 65.0	57.9 54.5	132.3 128.9	3.6 2.7	60.2 57.0	134.1 131.0	5.6	63.8 60.6	135.9 133.3	6.8 6.6						
70.0	51.1	125.9	2.7	53.6	127.5	4.9	57.4	130.2	6.3						
75.0	31.1	123.0	2.1	50.1	127.5	4.9	54.1	126.8	5.9						
80.0				46.4	119.0	3.3	50.6	120.8	5.6						
80.4				40.4	119.0	3.3	30.0	122.0	3.0	55.0	125.1	4.3			
85.0				42.4	113.8	2.4	46.9	118.4	5.1	52.2	123.1	3.4			
87.0				40.7	111.5	2.4	70.5	110.4	5.1	52.2	122.0	0.4			
90.0				40.7		2.1	43.0	113.3	4.5	48.6	117.8	2.6			
93.0							40.0	110.0	7.0	46.3	115.1	2.1			
95.0							39.2	108.1	3.7	40.0	110.1	2.1			
100.0							34.6	101.4	2.9						
105.0							29.4	93.3	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 orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eża de pl	ıl, Punto umín (23 ı] Posici	316-1) ĬC	7.5 m P	eza de p lumín	lumín				
27.0	78.0	149.1	7.8												
28.0	77.5	148.9	7.8												
30.0	76.4	148.4	7.7												
32.0	75.2	147.9	7.5												
34.0	74.1	147.3	7.3												
36.0	73.0	146.7	7.2												
38.0	71.9	146.1	7.0												
39.6				73.0	146.3	7.0									
40.0	70.8	145.4	6.8	72.8	146.2	7.0									
42.0	69.6	144.6	6.7	71.7	145.6	7.0									
44.0	68.5	143.9	6.4	70.5	144.9	6.9									
46.0	67.3	143.0	5.9	69.4	144.1	6.7									
48.0	66.1	142.1	5.4	68.3	143.3	6.6									
50.0	65.0	141.2	5.0	67.1	142.5	6.4									
55.0	62.0	138.7	4.2	64.1	140.2	6.0									
59.2							65.0	139.7	6.0						
60.0	58.9	135.8	3.3	61.1	137.6	5.8	64.6	139.3	6.0						
65.0	55.7	132.5	2.5	58.0	134.6	5.1	61.5	136.7	5.8						
70.0				54.8	131.2	4.5	58.4	133.8	5.6						
75.0				51.4	127.4	4.0	55.2	130.5	5.3						
80.0				47.9	123.1	3.1	51.9	126.7	5.0	55.0	407.0	0.0			
82.1				44.0	440.0	0.0	40.4	400.5	4.0	55.0	127.6	3.6			
85.0 90.0				44.2	118.2	2.3	48.4 44.7	122.5 117.7	4.8 4.2	53.4 50.0	125.8 121.8	3.1 2.2			
90.0							44.7	117.7	4.2	49.3	121.0	2.2			
95.0							41.1	112.8	3.3	49.3	121.0	Z. I			
100.0							36.9	106.5	2.5						
100.0							36.9	100.5	2.5						



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cabe	eza de pl	ıl, Punto umín (23 ı] Posici	316-1) 11	0.5 m P	eza de p lumín	lumín				
27.6	78.0	152.0	7.1												
28.0	77.8	151.9	7.1												
30.0	76.7	151.5	7.0												
32.0	75.7	151.0	6.8												
34.0	74.6	150.4	6.6												
36.0	73.5	149.8	6.5												
38.0	72.4	149.2	6.3												
40.0	71.3	148.5	6.1												
40.5				73.0	149.2	6.3									
42.0	70.2	147.8	6.0	72.2	148.7	6.3									
44.0	69.1	147.1	5.9	71.1	148.1	6.2									
46.0	68.0	146.3	5.5	70.0	147.3	6.1									
48.0	66.8	145.4	5.1	68.9	146.6	5.9									
50.0	65.7	144.5	4.7	67.8	145.8	5.8									
55.0	62.8	142.1	3.9	64.9	143.5	5.4									
60.0	59.8	139.3	3.1	62.0	141.0	5.1									
60.5							65.0	142.4	5.2						
65.0	56.7	136.2	2.3	59.0	138.1	4.6	62.4	140.1	5.2						
70.0				55.9	134.9	4.1	59.4	137.3	4.9						
75.0				52.7	131.2	3.7	56.3	134.1	4.7						
80.0				49.3	127.1	3.1	53.1	130.5	4.5						
83.9				45.7	400.5	0.0	40.0	400.5		55.0	130.0	2.9			
85.0				45.7	122.5	2.2	49.8	126.5	4.4	54.6	129.5 126.5	2.8 2.1			
89.0							46.2	121.9	3.9	52.0	120.5	2.1			
90.0															
95.0							42.9	117.3 111.5	3.1						
100.0 101.0							38.9 38.1	111.5	2.3 2.1						



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ı	m Pluma Cab	eza de p	il, Punto llumín (19 n] Posici	916-1) 3:	2.5 m Plı	eza de p umín	lumín				
11.3 12.0 13.0 14.0 16.0 17.7 18.0 20.0 22.0 24.0 26.0 27.6 28.0 30.0 32.0 34.0 35.0 36.0 38.0 39.0	78.0 76.8 75.0 73.2 69.4 65.6 61.6 57.5 53.1 48.5 43.5 38.0 31.7 23.9 18.8	75.7 75.6 75.3 75.0 74.3 73.4 72.4 71.2 69.7 68.0 66.0 63.6 60.7 56.7 54.0	42.3 42.0 40.2 38.7 35.9 32.9 30.8 28.3 24.6 22.7 21.1 19.8 18.6 17.9	73.0 72.4 68.7 64.8 56.7 52.3 47.6 42.5 36.9 30.3 22.1 16.5	74.6 74.5 73.8 72.9 71.8 70.5 69.1 67.3 65.3 62.8 59.6 55.4 52.4	36.6 36.6 34.3 31.8 30.0 28.2 26.9 25.4 24.0 22.8 21.2 19.4 18.5	65.0 64.2 60.2 56.0 51.6 46.8 41.7	71.7 71.5 70.4 69.1 67.6 65.8 63.7	31.3 31.3 30.0 28.7 27.5 26.1 24.7 23.5 21.9 20.3	55.0 53.3 48.7 43.7	66.1 65.6 63.9 61.9	23.9 24.4 23.4 22.4			
45.0 46.0 48.0 50.0 52.0 58.5 60.0							16.6	51.2	15.1	38.3 32.0 24.2 15.0	59.5 56.6 52.7 47.7	21.3 20.5 19.8 15.1	35.0 30.9	49.5 47.5	13.4 14.1



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]
				41.0 ו	m Pluma Cab	eza de p	ıl, Punto lumín (1 n] Posici	916-1) 3	5.5 m Pl	eza de p umín	lumín		-		
12.0	78.0	78.7	37.2				[
13.0	76.3	78.4	36.4												
14.0	74.6	78.1	34.9							•					
16.0	71.2	77.5	32.1												
18.0	67.8	76.7	29.8												
18.6				73.0	77.5	31.8									
20.0	64.2	75.8	27.7	70.6	77.0	30.8									
22.0	60.5	74.7	26.0	67.1	76.2	28.9									
24.0	56.7	73.4	24.3	63.5	75.2	27.0									
26.0	52.7	72.0	22.9	59.8	74.1	25.6									
28.0	48.5	70.3	21.7	56.0	72.8	24.3				ł					
28.8	40.0		00.0	54.0	74.0	00.0	65.0	74.4	26.0						
30.0	43.9 39.0	68.3	20.3 19.0	51.9 47.6	71.3 69.6	23.3	62.9	73.8 72.7	27.0	l					
32.0	39.0	66.0 63.1	19.0	47.6	67.5	22.0 20.8	59.2 55.3	71.3	25.9 24.7						
34.0 36.0	26.8	59.5	17.0	38.0	65.1	19.8	55.3	69.8	23.7	-					
38.0	17.9	54.5	15.9	32.2	62.2	18.8	46.9	68.0	23.7						
38.0 40.0	17.9	54.5	15.9	32.2 25.3	58.4	17.6	46.9	65.9	21.4						
40.0				25.5	30.4	17.0	42.3	05.9	21.4	55.0	68.6	22.0			
42.0				15.7	52.8	16.3	37.1	63.4	20.4	52.9	67.8	22.6			
44.0				10.7	52.0	10.0	31.2	60.4	19.3	48.7	66.1	21.6			
46.0							24.1	56.4	18.2	44.1	64.1	20.7			
48.0							15.8	51.6	15.0	39.2	61.8	19.8			
50.0							. 5.0	00	. 5.0	33.6	59.0	19.0			
54.0										18.4	50.5	17.6			
61.0											13.0		35.0	51.2	12.6
65.0													21.7	43.9	12.5
66.0													16.6	40.9	12.3



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto llumín (1 n] Posici	916-1) 3	8.5 m Pl	eza de p umín	lumín				
12.6	78.0	81.6	33.4												
13.0	77.4	81.5	33.4												
14.0	75.8	81.3	32.1												
16.0	72.7	80.7	29.7												
18.0	69.6	79.9	27.7												
19.5				73.0	80.3	28.4									
20.0	66.4	79.1	25.7	72.2	80.2	28.3									
22.0	63.0	78.1	24.1	69.0	79.4	26.5									
24.0	59.6	77.0	22.7	65.7	78.6	25.0									
26.0	56.1	75.7	21.5	62.4	77.6	23.7									
28.0	52.4	74.2	20.5	59.0	76.4	22.6									
30.0	48.5	72.5	19.5	55.4	75.1	21.5	05.0		04.0						
30.1	44.3	70.5	18.4	51.6	73.5	20.8	65.0 61.9	77.1 76.1	24.6 23.9						
32.0 34.0	39.8	68.3	17.5	47.7	73.5 71.8	19.6	58.4	75.0	23.9						
36.0	34.8	65.5	16.7	43.5	69.8	18.6	54.8	73.6	22.0						
38.0	29.0	62.2	15.8	38.9	67.4	17.7	51.0	72.0	21.1						
40.0	21.8	57.9	14.9	33.7	64.6	16.9	47.0	70.3	20.1						
41.0	17.2	54.9	14.5	00.1	04.0	10.0	47.0	70.0	20.1				i		
42.0		00		27.8	61.1	16.1	42.8	68.2	19.0						
42.6							,			55.0	71.0	20.5			
44.0				20.2	56.5	15.2	38.1	65.8	18.1	52.5	70.0	21.3			
45.0				15.0	53.1	14.7							i		
46.0							32.9	62.9	17.4	48.6	68.3	20.4			
48.0							26.7	59.3	16.5	44.5	66.4	19.6			
50.0							18.7	54.3	15.7	40.0	64.1	18.7			
51.0							15.1	52.0	13.1						
55.0										25.9	56.2	16.9			
57.0										17.6	50.9	16.1			
63.4													35.0	52.9	12.0
65.0													31.3	50.8	12.3
69.0													15.9	41.3	11.5



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

		gulo de principa			gulo de orincipa			gulo de principa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 4	1.5 m Plı	eza de p umín	lumín				
13.2 14.0 16.0 18.0 20.0	78.0 76.9 74.0 71.1 68.2	84.5 84.3 83.8 83.1 82.4	29.8 29.6 27.6 25.5 23.9												
20.3 22.0 24.0 26.0 28.0	65.1 62.0 58.8 55.5	81.5 80.5 79.3 78.0	22.2 21.0 19.8 18.8	73.0 70.6 67.6 64.6 61.4	83.2 82.6 81.8 80.9 79.9	25.4 24.6 23.1 21.8 20.9									
30.0 31.4 32.0 34.0 36.0	52.1 48.4 44.6 40.4	76.4 74.7 72.8 70.5	18.0 17.1 16.2 15.4	58.2 54.9 51.4 47.7	78.7 77.3 75.8 74.0	19.8 18.9 18.2 17.3	65.0 64.1 60.9 57.7	79.8 79.5 78.5 77.2	22.0 21.9 21.0 20.2						
38.0 40.0 42.0 44.0 44.3	35.9 30.8 24.7 16.5	67.9 64.8 60.9 55.3	14.7 14.0 13.3 12.5	43.8 39.6 35.0 29.7	72.0 69.7 67.0 63.8	16.4 15.6 14.9 14.2	54.3 50.8 47.1 43.2	75.9 74.3 72.5 70.5	19.3 18.5 17.7 16.7	55.0	73.5	18.0			
46.0 48.0 50.0 53.0 55.0				23.3 16.3	59.6 54.8	13.4 10.8	38.9 34.2 28.8 18.0	68.1 65.3 62.0 54.8	16.0 15.3 14.6 13.5	52.2 48.6 44.7 33.6	72.3 70.6 68.6 62.3	18.8 18.0 17.3			
60.0 65.9 70.0 72.0										16.9	51.4	13.8	35.0 23.9 15.3	54.6 47.5 41.7	11.2 11.0 10.5



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	ıl, Punto lumín (19 n] Posici	916-1) 4	4.5 m Pli		lumín				
13.8	78.0	87.5	27.0												
14.0	77.8	87.4	27.0												
16.0	75.1	86.9	25.6												
18.0 20.0	72.4 69.7	86.3 85.6	23.9 22.4												
21.2	69.7	85.6	22.4	73.0	86.1	23.1									
22.0	66.9	84.8	20.8	71.9	85.8	23.1									
24.0	64.1	83.8	19.5	69.2	85.1	21.5									
26.0	61.2	82.8	18.5	66.4	84.2	20.3							i		
28.0	58.2	81.6	17.5	63.5	83.3	19.4									
30.0	55.0	80.2	16.6	60.6	82.2	18.6									
32.0	51.8	78.7	15.9	57.6	81.0	17.6									
32.6							65.0	82.6	18.6				•		
34.0	48.4	77.0	15.2	54.4	79.6	16.8	63.1	81.9	19.6						
36.0	44.8	75.0	14.4	51.2	78.0	16.1	60.1	80.8	18.7						
38.0	41.0	72.8	13.7	47.8	76.3	15.3	57.1	79.5	17.9						
40.0	36.8	70.3	13.1	44.1	74.3	14.5	53.9	78.1	17.1						
42.0	32.2	67.3	12.5	40.2	72.0	13.9	50.7	76.5	16.4						
44.0	26.9 20.2	63.7	11.9 11.3	36.0 31.3	69.4 66.3	13.3 12.7	47.2	74.7 72.7	15.6 14.9	55.0	70.0	15.8	l		
46.0 47.0	15.9	58.9 55.7	10.9	31.3	00.3	12.7	43.5	12.1	14.9	55.0	76.0	15.8			
47.0	15.9	55.7	10.9	25.7	62.5	12.0	39.6	70.4	14.2	51.9	74.5	16.8	i		
50.0				18.7	57.4	11.4	35.3	67.7	13.6	48.6	72.8	16.0			
51.0				15.7	55.2	9.3	00.0	01.1	13.0	40.0	, 2.0	10.0	i		
55.0						2.0	21.4	58.2	12.0	39.1	67.5	14.3			
56.0							17.4	55.2	11.7						
60.0										27.1	59.6	12.9			
63.0										16.3	51.8	12.0			
68.4													35.0	56.3	10.6
70.0													31.6	54.1	10.9
75.0													16.4	43.3	9.2



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

		gulo de orincipal			gulo de orincipa		75° Án I	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו		eza de p	ıl, Punto lumín (1: ı] Posici	916-1) 4	7.5 m Pl	eza de p umín	lumín				
14.5 16.0 18.0 20.0 22.0	78.0 76.1 73.6 71.1 68.5	90.4 90.0 89.5 88.8 88.0	23.9 23.3 22.0 20.7 19.7												
22.1 24.0 26.0 28.0 30.0	65.8 63.1 60.4 57.6	87.2 86.2 85.1 83.8	18.7 17.9 17.2 16.6	73.0 70.6 68.0 65.3 62.6	89.0 88.3 87.5 86.6 85.6	20.6 19.9 19.2 18.4 17.8									
32.0 33.9 34.0 36.0 38.0	54.6 51.6 48.4 45.1	82.5 80.9 79.2 77.3	16.0 15.5 14.9 14.0	59.9 57.0 54.1 51.0	84.5 83.2 81.8 80.3	17.3 16.7 16.2 15.8	65.0 64.9 62.2 59.4	85.3 85.2 84.2 83.1	18.3 18.3 17.9 17.4						
40.0 42.0 44.0 46.0 47.7	41.5 37.6 33.4 28.7	75.1 72.6 69.8 66.4	13.3 12.6 12.0 11.5	47.8 44.4 40.8 36.9	78.5 76.5 74.3 71.8	15.1 14.5 13.9 13.4	56.6 53.6 50.5 47.3	81.8 80.4 78.8 77.0	16.9 16.4 16.0 15.4	55.0	78.4	15.5			
48.0 50.0 54.0 55.0 59.0	23.0 15.4	62.1 56.1	10.9 10.2	32.6 27.7 15.1	68.8 65.3 55.6	12.8 12.0 9.6	43.8 40.2 29.4 16.8	75.0 72.7 65.3 55.6	14.7 14.1 12.7 11.3	54.8 51.7 43.5	78.3 76.8 72.1	16.2 16.0 14.8			
60.0 65.0 66.0 70.8 75.0 78.0										33.6 19.9 15.8	65.7 55.4 52.2	13.4 11.9 11.6	35.0 25.3 15.8	58.1 51.1 43.7	9.9 9.4 8.5



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

		gulo de orincipal			gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	gulo de principa	pluma I
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 i	m Pluma Cab	eza de p	al, Punto Ilumín (1 n] Posici	916-1) 5	0.5 m Pl	eza de p umín	lumín		-		
15.1 16.0 18.0 20.0 22.0 23.0 24.0 26.0 28.0 30.0	78.0 76.9 74.6 72.2 69.8 67.4 64.9 62.3 59.7	93.3 93.1 92.6 92.0 91.3 90.5 89.5 88.5 87.4	21.9 21.8 20.7 19.7 18.9 18.2 17.5 17.1 16.6	73.0 71.8 69.3 66.9 64.4	91.8 91.5 90.8 89.9 89.0	19.0 18.9 18.3 17.9									
32.0 34.0 35.2 36.0 38.0 40.0	57.0 54.3 51.4 48.4 45.2	86.1 84.7 83.2 81.4 79.5	16.2 15.9 15.6 14.9 14.1	61.8 59.2 56.5 53.7 50.8	87.9 86.8 85.5 84.1 82.5	17.1 16.8 16.4 16.1 15.9	65.0 64.0 61.4 58.8	88.0 87.6 86.5 85.4	17.4 17.4 17.1 16.8						
42.0 44.0 46.0 48.0 49.4	41.9 38.3 34.5 30.1	77.4 75.0 72.2 68.9	13.3 12.6 11.9 11.4	47.8 44.6 41.3 37.6	80.7 78.8 76.6 74.1	15.3 14.7 14.2 13.8	56.1 53.3 50.4 47.3	84.1 82.6 81.0 79.2	16.5 16.2 16.0 15.4	55.0	80.9	15.2			
50.0 53.0 55.0 56.0 60.0	25.2 16.3	65.0 57.7	10.8 9.1	33.7 21.1 17.5	71.2 61.3 58.4	13.2 11.1 10.7	35.1 23.2	77.2 71.0 61.8	14.9 13.8 11.9	54.4 47.0 38.5	76.4 70.8	15.8 15.4 14.1			
62.0 65.0 69.0 73.3 75.0 80.0							16.2	56.1	11.1	28.0 16.7	63.0 53.8	12.8 11.5	35.0 31.9 16.9	59.8 57.5 45.4	9.4 9.4 8.3
80.0 81.0													16.9 15.3	45.4 44.1	8.3 8.0



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

		gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa			gulo de orincipa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
				41.0 ו	m Pluma Cab	eza de p	al, Punto dumín (19 n] Posici	916-1) 5	3.5 m Pl	eza de p umín	lumín				
15.7	78.0	96.3	19.8												
16.0	77.7	96.2	19.8												
18.0	75.5	95.7	19.0												
20.0	73.2	95.1	18.1												
22.0	71.0	94.5	17.3												
23.8				73.0	94.7	17.2									
24.0	68.7	93.7	16.7	72.8	94.6	17.2									
26.0	66.4	92.8	16.1	70.6	94.0	16.9									
28.0	64.0	91.9	15.7	68.3	93.2	16.5									
30.0	61.6	90.8	15.4	65.9	92.3	16.1									
32.0	59.1	89.7	15.0	63.5	91.3	15.7									
34.0 36.0	56.6 53.9	88.4 87.0	14.7 14.4	61.1 58.6	90.3 89.1	15.4 15.1									
36.4	55.9	07.0	14.4	0.00	69.1	15.1	65.0	90.7	15.2						
38.0	51.2	85.4	14.2	56.1	87.8	14.8	63.2	89.9	15.7						
40.0	48.4	83.7	13.6	53.4	86.3	14.6	60.7	88.9	15.4						
42.0	45.4	81.8	12.9	50.7	84.7	14.4	58.2	87.6	15.4						
44.0	42.3	79.6	12.2	47.8	83.0	13.9	55.7	86.3	14.9						
46.0	39.0	77.3	11.6	44.8	81.0	13.5	53.0	84.9	14.7						
48.0	35.4	74.6	11.1	41.7	78.9	13.1	50.2	83.2	14.5						
50.0	31.4	71.5	10.6	38.3	76.4	12.8	47.4	81.4	14.1						
51.2										55.0	83.3	13.7			
55.0	18.4	60.4	9.3	28.4	68.6	11.3	39.5	76.1	13.1	49.9	80.4	14.1			
56.0	15.8	58.1	8.4												
59.0				17.0	58.8	9.7									
60.0							29.9	68.7	11.9	42.4	75.5	13.4			
65.0							15.8	56.5	10.2	34.2	69.5	12.4			
70.0										21.9	59.2	11.1			
72.0										16.2	54.2	10.3			
75.7													35.0	61.5	8.8
80.0													25.7	54.0	8.1
83.0	l .												18.7	47.9	7.5



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

	88° Ángulo de pluma principal				gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	45° Ángulo de plu principal			
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]		
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)																	
16.3 18.0 20.0 22.0 24.0 24.7 26.0 28.0 30.0 32.0 34.0 36.0	78.0 76.3 74.2 72.0 69.9 67.7 65.5 63.2 60.9 58.6 56.1	99.2 98.8 98.3 97.6 96.9 96.1 95.2 94.2 93.2 92.0 90.7	18.1 17.8 16.9 16.0 15.4 15.0 14.6 14.3 14.0	73.0 71.6 69.5 67.3 65.1 62.8 60.5	97.6 97.1 96.4 95.6 94.7 93.7 92.6	15.7 15.6 15.3 14.9 14.6											
37.7 38.0 40.0 42.0	53.6 51.1 48.4	89.2 87.6 85.9	13.3 13.1 12.6	58.1 55.7 53.1	91.4 90.0 88.6	13.8 13.6 13.4	65.0 64.7 62.4 60.1	93.4 93.3 92.3 91.2	14.4 14.4 14.3 14.0								
44.0 46.0 48.0 50.0	45.6 42.6 39.5 36.2	84.0 81.9 79.6 76.9	12.0 11.4 10.9 10.4	50.6 47.8 45.0 42.0	87.0 85.2 83.3 81.1	13.2 12.8 12.5 12.2	57.7 55.3 52.7 50.1	89.9 88.6 87.1 85.5	13.9 13.6 13.4 13.3	55.0	05.0	10.0					
52.9 55.0 59.0 60.0 62.0	26.2 15.4	68.5 58.5	9.3 7.8	33.7 22.7 16.5	74.6 65.0 59.2	9.7 8.9	43.1 34.9	80.7 74.4	12.5	55.0 52.5 45.7	85.8 84.3 79.9	12.6 13.1 12.7					
65.0 68.0 70.0 75.0 78.2					55.2	5.5	24.5 15.3	65.4 56.9	10.3 9.4	38.0 28.6 15.7	74.2 66.4 54.6	11.9 10.9 9.5	35.0	63.2	8.2		
80.0 85.0 86.0													35.0 31.6 21.3 18.2	60.4 51.3 48.4	7.9 7.0 6.8		



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	88° Ángulo de pluma principal			83° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de orincipa		45° Án I	pluma I	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)															
17.0 18.0 20.0 22.0 24.0	78.0 77.0 75.0 73.0 70.9	102.1 101.9 101.4 100.8 100.1	15.7 15.6 14.8 14.1 13.5												
25.6 26.0 28.0 30.0 32.0 34.0	68.9 66.8 64.6 62.4 60.2	99.4 98.5 97.6 96.6 95.4	13.1 12.8 12.5 12.2	73.0 72.6 70.6 68.5 66.4 64.2	100.4 100.3 99.6 98.8 98.0 97.0	13.6 13.6 13.4 13.0 12.7									
36.0 38.0 39.0 40.0	57.9 55.6 53.2	94.2 92.8 91.4	11.8 11.5 11.4	62.0 59.8 57.5	96.0 94.8 93.6	12.3 12.0 11.8	65.0 63.9	96.1 95.6	12.4 12.4						
42.0 44.0 46.0 48.0 50.0	50.7 48.2 45.5 42.6 39.7	89.8 88.0 86.1 84.0 81.6	11.2 10.8 10.4 10.0 9.6	55.2 52.7 50.2 47.6 44.9	92.2 90.7 89.1 87.3 85.3	11.6 11.4 11.3 11.0 10.8	61.7 59.4 57.1 54.8 52.4	94.6 93.4 92.1 90.8 89.2	12.2 12.0 11.8 11.6 11.5						
54.6 55.0 60.0 61.0 65.0	31.2 19.6 16.4	74.4 63.5 60.3	8.8 7.8 7.6	37.5 28.4 17.2	79.5 71.5 60.8	10.4 9.3 7.5	45.9 38.6 29.8	84.8 79.1 71.6	11.1 10.7 9.8	55.0 54.5 48.3 41.3	88.2 88.0 83.9 78.7	11.2 11.2 11.0			
70.0 71.0 75.0 78.0 80.6							17.4 16.1	59.8 58.5	8.6 8.2	33.2 22.6 15.3	71.9 62.2 55.0	9.3 8.5	35.0	64.9	7.5
85.0 89.0													27.9 17.7	58.6 48.8	6.7 6.1



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

	88° Ángulo de pluma principal				gulo de orincipa	pluma I	75° Án	gulo de orincipa	pluma I		gulo de orincipa			gulo de principa	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 62.5 m Plumín 31.0 [m] Posición midfall (1916)															
17.6 18.0 20.0 22.0 24.0	78.0 77.7 75.8 73.8 71.9 69.9	105.1 105.0 104.5 103.9 103.3	14.2 14.2 13.6 13.1 12.5												
26.0 26.5 28.0 30.0 32.0	68.0 65.9 63.9	101.8 100.9 99.9	11.8 11.5 11.2	73.0 71.5 69.6 67.6	103.3 102.8 102.1 101.3	12.4 12.3 12.0 11.8									
34.0 36.0 38.0 40.0 40.2	61.8 59.7 57.5 55.3	98.9 97.7 96.5 95.1	11.0 10.8 10.6 10.4	65.6 63.5 61.4 59.3	100.4 99.4 98.3 97.1	11.5 11.2 11.1 10.8	65.0	98.9	11.3						
42.0 44.0 46.0 48.0 50.0	53.0 50.6 48.2 45.6 42.9	93.6 92.0 90.2 88.3 86.2	10.2 10.1 9.8 9.5 9.2	57.1 54.8 52.5 50.1 47.7	95.9 94.5 93.0 91.3 89.5	10.6 10.4 10.3 10.1 10.0	63.2 61.1 58.9 56.7 54.5	98.0 96.9 95.7 94.4 93.0	11.2 11.0 10.8 10.6 10.5						
55.0 56.3 60.0 64.0 65.0	35.5 26.4 16.0	79.9 71.4 60.7	8.6 7.7 7.0	41.0 33.3 23.3	84.3 77.5 67.9	9.6 9.2 8.0	48.5	88.9 83.8 77.3	9.9	55.0 50.7 44.4	90.7 87.8 83.2	10.1 10.0 9.8			
68.0 70.0 74.0 75.0				16.8	61.2	6.9	24.9 15.7	68.3 58.9	8.6 7.4	37.2 28.6	77.2 69.3	9.6 9.6 9.1 8.2			
80.0 83.1 85.0 90.0 92.0										16.2	56.8	8.2	35.0 32.8 22.8 17.3	66.7 64.6 54.9 49.3	6.9 6.6 5.8 5.5



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	88° Ángulo de pluma principal				gulo de orincipa			gulo de principa			gulo de orincipa		45° Án I	pluma I	
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]
41.0 m Pluma principal, Punto de carga 1 - Cabeza de plumín Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)															
18.3 20.0 22.0 24.0 26.0	78.0 76.4 74.6 72.8 70.9	108.0 107.6 107.1 106.4 105.8	12.9 12.7 12.1 11.6 11.2												
27.4 28.0 30.0 32.0 34.0	69.0 67.1 65.2 63.2	105.0 104.2 103.3 102.3	10.9 10.6 10.4 10.2	73.0 72.4 70.6 68.7 66.8	106.2 106.0 105.3 104.5 103.7	11.4 11.4 11.2 10.9 10.6									
36.0 38.0 40.0 41.5 42.0	61.2 59.2 57.1 55.0	101.2 100.0 98.7 97.4	10.0 9.7 9.5	64.8 62.8 60.8	102.7 101.7 100.6	10.4 10.2 10.0	65.0 64.5	101.6 101.3	10.3 10.3						
44.0 46.0 48.0 50.0 55.0	52.8 50.5 48.2 45.7 39.1	95.9 94.2 92.5 90.6 85.0	9.2 9.0 8.8 8.5 8.0	56.7 54.5 52.3 50.1 44.0	98.1 96.7 95.2 93.6 88.8	9.6 9.4 9.2 9.1 8.7	62.5 60.5 58.5 56.4 50.8	100.3 99.2 98.0 96.7 92.9	10.2 10.0 9.8 9.6 9.3						
58.0 60.0 65.0 67.0 70.0	31.4 21.3 15.6	77.7 67.3 61.1	7.4 6.7 6.3	37.1 28.9 17.5	82.8 74.9 62.9	8.3 7.6	44.9 38.1 30.2	88.3 82.5 74.9	8.9 8.6 8.1	55.0 52.9 47.1	93.2 91.7 87.4	9.2 9.1 8.8			
70.0 71.0 75.0 77.0 80.0 83.0				16.4	61.6	6.2	19.5 15.4	63.8 59.3	7.4 6.6	33.2 23.8 15.8	75.2 65.8 57.2	8.4 7.8 7.5			
85.6 90.0 95.0										13.0	31.2	1.5	35.0 28.5 16.8	68.4 62.0 49.7	6.2 5.6 4.8