

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.7	78.0	74.8		30.1						
9.0	77.1	74.7	15.1	30.1						
10.0	73.3	74.4	15.1	27.1						
11.0	69.5	74.1	15.1	21.2						
12.0	65.6	73.6	15.1	17.3						
13.0	61.5	73.1	15.1	14.6						
14.0	57.3	72.4	13.0	12.6						
16.0	48.0	70.8	9.9	9.8						
18.0	36.8	68.5	7.7	7.9						
Ángulo de pluma principal 83.0 [°]										
15.0	73.0	73.9		24.7						
16.0	69.2	73.6	15.1	20.6						
18.0	61.2	72.6	15.0	14.4						
20.0	52.4	71.2	11.1	10.9						
22.0	42.3	69.2	8.6	8.6						
24.0	29.3	66.4	7.0	7.2						
Ángulo de pluma principal 75.0 [°]										
24.8	65.0	71.4		15.9						
26.0	60.1	70.8	14.7	13.6						
28.0	51.2	69.3	11.1	10.4						
30.0	40.8	67.3	8.6	8.3						
32.0	27.1	64.3	7.0	7.0						
Ángulo de pluma principal 65.0 [°]										
36.4	55.0	66.4		11.2						
38.0	47.4	65.1	9.5	9.5						
40.0	36.2	62.8	7.5	7.7						
Ángulo de pluma principal 45.0 [°]										
56.1	35.0	50.7		4.2						
58.0	18.8	47.3	4.3	3.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.8	78.0	74.8	15.1	30.1						
9.0	77.3	74.8	15.1	30.1						
10.0	73.5	74.5	15.1	30.1						
11.0	69.7	74.1	15.1	29.9						
12.0	65.8	73.6	15.1	24.7						
13.0	61.7	73.1	15.1	20.6						
14.0	57.5	72.5	15.1	17.6						
16.0	48.2	70.9	14.5	13.5						
18.0	37.1	68.6	11.5	10.9						
Ángulo de pluma principal 83.0 [°]										
15.1	73.0	73.9	15.1	30.1						
16.0	69.4	73.6	15.1	28.6						
18.0	61.4	72.6	15.1	20.2						
20.0	52.6	71.2	15.1	15.0						
22.0	42.5	69.3	12.6	11.9						
24.0	29.6	66.4	10.4	9.9						
Ángulo de pluma principal 75.0 [°]										
24.9	65.0	71.4		22.2						
26.0	60.3	70.8	15.1	19.1						
28.0	51.4	69.4	15.1	14.4						
30.0	41.1	67.4	12.3	11.4						
32.0	27.4	64.3	9.9	9.5						
Ángulo de pluma principal 65.0 [°]										
36.5	55.0	66.4		13.5						
38.0	47.7	65.2	13.6	12.3						
40.0	36.4	62.8	10.5	10.0						
Ángulo de pluma principal 45.0 [°]										
56.4	35.0	50.7	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.:	9842523/95738/	Pieza de articulación de pluma principal:	2821-1
Radio de descarga:	360 °	Cabeza de pluma principal:	2821-1
Valor de vuelco:	2 - Vía ancha		
Lastre trasero [t]:	94.0		
Lastre central [t]:	52.6		

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.4	78.0	77.7	15.1	30.1						
10.0	76.0	77.6	15.1	29.8						
11.0	72.9	77.3	15.1	25.7						
12.0	69.7	76.9	15.1	21.3						
13.0	66.4	76.5	15.1	18.1						
14.0	63.0	76.0	15.1	15.7						
16.0	55.9	74.7	12.6	12.4						
18.0	48.0	73.1	10.3	10.1						
20.0	38.9	70.9	8.3	8.4						
22.0	27.2	67.7	7.0	7.2						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	76.8	15.1	24.1						
16.0	72.6	76.8	15.1	24.0						
18.0	66.1	76.0	15.1	17.8						
20.0	59.2	74.9	14.1	13.7						
22.0	51.7	73.4	11.3	11.1						
24.0	43.3	71.5	9.2	9.1						
26.0	33.1	68.9	7.5	7.7						
Ángulo de pluma principal 75.0 [°]										
26.1	65.0	74.1		16.1						
28.0	58.3	73.1	14.3	13.3						
30.0	50.7	71.6	11.2	10.8						
32.0	42.1	69.6	9.0	8.9						
34.0	31.5	66.8	7.5	7.6						
Ángulo de pluma principal 65.0 [°]										
38.1	55.0	68.8		11.6						
40.0	47.6	67.3	10.8	10.0						
42.0	38.4	65.1	8.7	8.3						
44.0	26.4	61.9	7.3	7.2						
Ángulo de pluma principal 45.0 [°]										
58.6	35.0	52.4		3.8						
60.0	26.1	50.2	4.0	3.4						
61.0	17.1	47.8	3.7	3.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.4	78.0	77.7		30.1						
10.0	76.2	77.6	15.1	30.1						
11.0	73.1	77.3	15.1	29.9						
12.0	69.9	76.9	15.1	29.1						
13.0	66.6	76.5	15.1	25.2						
14.0	63.2	76.0	15.1	21.6						
16.0	56.1	74.7	15.1	16.7						
18.0	48.2	73.1	14.5	13.5						
20.0	39.1	70.9	11.8	11.0						
22.0	27.4	67.8	9.7	9.2						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	76.8		30.1						
16.0	72.8	76.8	15.1	30.1						
18.0	66.3	76.0	15.1	24.9						
20.0	59.4	74.9	15.1	18.7						
22.0	51.9	73.5	15.1	14.8						
24.0	43.5	71.6	12.9	12.0						
26.0	33.3	68.9	10.7	10.0						
Ángulo de pluma principal 75.0 [°]										
26.1	65.0	74.1		22.1						
28.0	58.5	73.1	15.1	18.0						
30.0	50.9	71.6	15.1	14.3						
32.0	42.3	69.6	12.8	11.8						
34.0	31.8	66.9	10.6	9.9						
Ángulo de pluma principal 65.0 [°]										
38.2	55.0	68.8		12.2						
40.0	47.8	67.4	13.0	11.0						
42.0	38.6	65.2	10.6	9.8						
44.0	26.7	62.0	8.8	8.8						
45.0	17.9	59.6	8.0	8.1						

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Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	80.7	15.1	29.7						
11.0	75.3	80.4	15.1	26.0						
12.0	72.6	80.1	15.1	21.8						
13.0	69.8	79.7	15.1	18.6						
14.0	67.0	79.3	14.7	16.2						
16.0	61.1	78.3	13.6	12.9						
18.0	54.8	77.0	10.6	10.5						
20.0	48.0	75.3	8.7	8.8						
22.0	40.3	73.2	7.3	7.4						
24.0	31.0	70.3	6.2	6.4						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	79.7	15.1	20.9						
18.0	69.6	79.2	15.1	18.3						
20.0	63.8	78.3	14.9	14.1						
22.0	57.8	77.1	12.7	11.5						
24.0	51.3	75.7	10.1	9.5						
26.0	44.0	73.8	8.3	8.1						
28.0	35.6	71.3	6.9	6.9						
30.0	24.6	67.8	6.0	6.0						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	76.8		14.1						
28.0	63.1	76.5	15.1	13.7						
30.0	57.0	75.3	12.4	11.2						
32.0	50.4	73.8	9.8	9.3						
34.0	43.0	71.8	8.1	7.9						
36.0	34.3	69.3	6.8	6.8						
38.0	22.8	65.6	5.9	5.9						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	71.3		10.1						
40.0	54.5	71.3	10.8	10.1						
42.0	47.7	69.6	9.0	8.7						
44.0	39.9	67.4	7.5	7.4						
46.0	30.4	64.5	6.5	6.4						
Ángulo de pluma principal 45.0 [°]										
61.0	35.0	54.1		3.1						
64.0	15.7	48.2	2.9	2.3						

Cargas pluma principal + plumín abatible + midfall

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 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	80.7		30.1						
11.0	75.4	80.4	15.1	30.1						
12.0	72.7	80.1	15.1	28.6						
13.0	69.9	79.8	15.1	25.8						
14.0	67.1	79.3	15.1	22.6						
16.0	61.3	78.3	15.1	17.5						
18.0	55.0	77.0	14.2	14.2						
20.0	48.2	75.3	13.0	11.8						
22.0	40.5	73.2	10.4	9.8						
24.0	31.2	70.4	8.6	8.4						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	79.7		29.1						
18.0	69.7	79.3	15.1	25.7						
20.0	64.0	78.3	15.1	19.4						
22.0	58.0	77.2	14.0	15.5						
24.0	51.4	75.7	12.5	12.8						
26.0	44.2	73.8	10.3	10.7						
28.0	35.8	71.3	8.5	9.0						
30.0	24.8	67.9	7.2	7.7						
Ángulo de pluma principal 75.0 [°]										
27.4	65.0	76.8		19.2						
28.0	63.2	76.6	15.1	18.9						
30.0	57.1	75.4	14.7	15.1						
32.0	50.5	73.8	12.8	12.5						
34.0	43.2	71.9	10.6	10.5						
36.0	34.5	69.3	8.8	9.0						
38.0	23.0	65.6	7.5	7.6						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	71.3		11.3						
40.0	54.7	71.3	12.9	11.2						
42.0	47.8	69.6	11.8	10.1						
44.0	40.1	67.5	9.8	9.1						
46.0	30.6	64.6	8.2	8.1						
48.0	16.5	60.0	6.9	6.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.6	78.0	83.6		26.3						
11.0	77.1	83.5	15.1	26.3						
12.0	74.7	83.2	15.1	22.1						
13.0	72.3	82.9	15.1	19.0						
14.0	69.9	82.6	15.1	16.6						
16.0	64.9	81.7	13.2	13.2						
18.0	59.6	80.6	11.2	10.9						
20.0	54.1	79.2	9.1	9.1						
22.0	48.0	77.5	7.6	7.8						
24.0	41.3	75.5	6.5	6.7						
26.0	33.5	72.8	5.6	5.8						
28.0	23.4	69.1	4.9	5.1						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	82.5		18.5						
18.0	72.1	82.4	15.1	18.5						
20.0	67.2	81.6	14.9	14.6						
22.0	62.1	80.6	12.9	11.9						
24.0	56.7	79.4	10.4	9.8						
26.0	50.9	77.9	8.5	8.4						
28.0	44.5	76.0	7.2	7.2						
30.0	37.3	73.6	6.2	6.2						
32.0	28.5	70.5	5.4	5.5						
Ángulo de pluma principal 75.0 [°]										
28.6	65.0	79.6		12.6						
30.0	61.4	78.9	12.0	11.5						
32.0	56.0	77.6	9.7	9.6						
34.0	50.1	76.0	8.0	8.2						
36.0	43.7	74.1	6.8	7.0						
38.0	36.3	71.7	5.9	6.1						
40.0	27.2	68.4	5.2	5.4						
Ángulo de pluma principal 65.0 [°]										
41.6	55.0	73.7		9.0						
42.0	53.8	73.5	9.2	9.0						
44.0	47.7	71.8	7.8	7.7						
46.0	41.0	69.7	6.7	6.6						
48.0	33.1	67.0	5.8	5.8						
50.0	22.8	63.2	5.1	5.2						
Ángulo de pluma principal 45.0 [°]										
63.5	35.0	55.9		2.5						
65.0	28.2	53.7	2.7	2.2						
67.0	16.9	48.6	2.2							

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Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.7	78.0	83.6	15.1	30.1						
11.0	77.2	83.5	15.1	30.1						
12.0	74.9	83.3	15.1	29.6						
13.0	72.5	82.9	15.1	26.7						
14.0	70.0	82.6	15.1	23.1						
16.0	65.0	81.7	15.1	18.0						
18.0	59.8	80.6	14.5	14.7						
20.0	54.2	79.2	12.6	12.1						
22.0	48.2	77.6	10.9	10.3						
24.0	41.5	75.5	9.0	8.7						
26.0	33.7	72.8	7.5	7.4						
28.0	23.6	69.1	6.4	6.4						
Ángulo de pluma principal 83.0 [°]										
17.7	73.0	82.5		25.7						
18.0	72.3	82.5	15.1	25.6						
20.0	67.3	81.7	15.1	20.1						
22.0	62.2	80.7	15.1	16.0						
24.0	56.8	79.4	13.1	13.1						
26.0	51.0	77.9	11.3	11.1						
28.0	44.7	76.1	9.5	9.4						
30.0	37.5	73.7	7.9	8.0						
32.0	28.7	70.6	6.8	6.9						
Ángulo de pluma principal 75.0 [°]										
28.7	65.0	79.6		16.9						
30.0	61.5	78.9	15.1	15.5						
32.0	56.1	77.6	14.0	12.8						
34.0	50.3	76.1	11.5	10.9						
36.0	43.8	74.2	9.6	9.2						
38.0	36.5	71.7	8.0	8.0						
40.0	27.4	68.4	6.9	6.9						
Ángulo de pluma principal 65.0 [°]										
41.6	55.0	73.7		10.1						
42.0	53.9	73.5	11.4	9.9						
44.0	47.9	71.9	10.2	8.9						
46.0	41.1	69.8	8.5	8.1						
48.0	33.3	67.1	7.2	7.2						
50.0	23.0	63.3	6.2	6.3						
51.0	15.3	60.5	5.8	5.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.2	78.0	86.5		30.1						
12.0	76.4	86.3	15.1	30.1						
13.0	74.3	86.1	15.1	29.4						
14.0	72.1	85.7	15.1	26.6						
16.0	67.7	85.0	15.1	21.7						
18.0	63.2	84.0	15.1	18.0						
20.0	58.5	82.9	14.6	15.5						
22.0	53.4	81.5	13.8	13.5						
24.0	48.1	79.8	12.8	12.0						
26.0	42.1	77.7	11.2	10.8						
28.0	35.4	75.2	9.9	9.7						
30.0	27.2	71.8	8.9	8.9						
Ángulo de pluma principal 83.0 [°]										
18.5	73.0	85.4		26.2						
20.0	69.8	84.9	15.1	23.6						
22.0	65.3	84.0	15.1	19.4						
24.0	60.7	83.0	15.1	16.6						
26.0	55.8	81.7	14.2	14.3						
28.0	50.6	80.1	13.6	12.7						
30.0	45.0	78.3	11.9	11.3						
32.0	38.7	76.0	10.4	10.2						
34.0	31.3	73.1	9.4	9.3						
36.0	21.6	69.0	8.5	8.5						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	82.3		18.1						
30.0	64.7	82.3	15.1	18.1						
32.0	60.1	81.2	15.1	16.1						
34.0	55.1	79.9	14.3	14.1						
36.0	49.9	78.3	13.2	12.5						
38.0	44.2	76.4	11.7	11.2						
40.0	37.8	74.0	10.3	10.1						
42.0	30.2	71.0	9.3	9.3						
Ángulo de pluma principal 65.0 [°]										
43.3	55.0	76.2		12.1						
44.0	53.2	75.8	13.2	11.7						
46.0	47.8	74.1	12.3	10.9						
48.0	41.8	72.0	11.1	10.1						
50.0	35.0	69.4	9.8	9.3						
Ángulo de pluma principal 45.0 [°]										
66.1	35.0	57.6	2.2							
67.0	31.7	56.2	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.4	78.0	77.7	15.1	30.1						
10.0	76.0	77.6	15.1	30.1						
11.0	72.9	77.3	15.1	29.6						
12.0	69.7	76.9	15.1	26.2						
13.0	66.4	76.5	15.1	22.7						
14.0	63.0	76.0	15.1	19.6						
16.0	55.9	74.7	14.9	15.4						
18.0	48.0	73.1	14.1	12.5						
20.0	38.9	70.9	11.1	10.2						
22.0	27.2	67.7	9.0	8.6						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	76.8	15.1	29.1						
16.0	72.6	76.8	15.1	29.0						
18.0	66.1	76.0	15.1	22.4						
20.0	59.2	74.9	15.1	17.1						
22.0	51.7	73.4	15.0	13.6						
24.0	43.3	71.5	12.4	11.2						
26.0	33.1	68.9	9.9	9.4						
Ángulo de pluma principal 75.0 [°]										
26.1	65.0	74.1		19.7						
28.0	58.3	73.1	15.1	16.5						
30.0	50.7	71.6	14.6	13.3						
32.0	42.1	69.6	12.1	11.0						
34.0	31.5	66.8	9.8	9.3						
Ángulo de pluma principal 65.0 [°]										
38.1	55.0	68.8		12.4						
40.0	47.6	67.3	12.9	11.1						
42.0	38.4	65.1	10.5	9.9						
44.0	26.4	61.9	8.8	8.8						
Ángulo de pluma principal 45.0 [°]										
58.8	35.0	52.4	2.3							
59.0	33.8	52.1	2.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.3	78.0	86.5	15.1	30.1						
12.0	76.5	86.4	15.1	30.1						
13.0	74.4	86.1	15.1	30.1						
14.0	72.2	85.8	15.1	29.1						
16.0	67.9	85.0	15.1	25.9						
18.0	63.3	84.1	15.1	21.1						
20.0	58.6	82.9	15.1	18.0						
22.0	53.6	81.5	15.1	15.4						
24.0	48.2	79.8	14.5	13.6						
26.0	42.3	77.8	12.5	11.9						
28.0	35.6	75.2	10.9	10.6						
30.0	27.4	71.9	9.6	9.5						
Ángulo de pluma principal 83.0 [°]										
18.6	73.0	85.4	15.1	30.1						
20.0	69.9	84.9	15.1	28.4						
22.0	65.4	84.0	15.1	23.1						
24.0	60.8	83.0	15.1	19.3						
26.0	55.9	81.7	15.1	16.4						
28.0	50.7	80.2	15.1	14.4						
30.0	45.1	78.3	13.2	12.6						
32.0	38.8	76.0	11.6	11.2						
34.0	31.4	73.1	10.3	10.1						
36.0	21.8	69.1	9.0	9.0						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	82.3		21.3						
30.0	64.9	82.3	15.1	21.3						
32.0	60.2	81.2	15.1	18.8						
34.0	55.3	79.9	15.1	16.1						
36.0	50.0	78.3	15.0	14.1						
38.0	44.3	76.4	13.3	12.5						
40.0	37.9	74.1	11.5	11.1						
42.0	30.3	71.0	10.2	10.0						
Ángulo de pluma principal 65.0 [°]										
43.3	55.0	76.2		9.2						
44.0	53.3	75.8	10.1	8.9						
46.0	47.9	74.1	9.2	8.0						
48.0	42.0	72.0	8.4	7.2						
50.0	35.2	69.5	7.7	6.5						
54.0	16.6	60.9	6.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 53.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	80.7	15.1	30.1						
11.0	75.3	80.4	15.1	29.2						
12.0	72.6	80.1	15.1	24.9						
13.0	69.8	79.7	15.1	21.2						
14.0	67.0	79.3	15.1	18.5						
16.0	61.1	78.3	15.1	14.5						
18.0	54.8	77.0	12.4	11.7						
20.0	48.0	75.3	10.4	9.7						
22.0	40.3	73.2	8.3	8.0						
24.0	31.0	70.3	6.9	6.8						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	79.7	15.1	23.3						
18.0	69.6	79.2	15.1	20.9						
20.0	63.8	78.3	15.1	16.0						
22.0	57.8	77.1	13.7	12.8						
24.0	51.3	75.7	11.3	10.5						
26.0	44.0	73.8	9.3	8.8						
28.0	35.6	71.3	7.5	7.4						
30.0	24.6	67.8	6.4	6.3						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	76.8		15.6						
28.0	63.1	76.5	15.1	15.5						
30.0	57.0	75.3	14.1	12.5						
32.0	50.4	73.8	11.1	10.3						
34.0	43.0	71.8	9.1	8.6						
36.0	34.3	69.3	7.4	7.3						
38.0	22.8	65.6	6.4	6.3						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	71.3		11.1						
40.0	54.5	71.3	12.0	11.1						
42.0	47.7	69.6	10.2	9.6						
44.0	39.9	67.4	8.4	8.1						
46.0	30.4	64.5	7.1	7.0						
48.0	16.2	59.9	6.1	6.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 53.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.9	78.0	89.5		30.1						
12.0	77.8	89.5	15.1	30.1						
13.0	75.9	89.2	15.1	30.1						
14.0	74.0	88.9	15.1	30.1						
16.0	70.1	88.2	15.1	24.5						
18.0	66.1	87.4	15.1	20.2						
20.0	62.0	86.4	15.1	17.0						
22.0	57.6	85.2	13.8	14.6						
24.0	53.1	83.7	12.5	12.7						
26.0	48.2	82.1	11.3	11.3						
28.0	42.9	80.0	9.8	9.9						
30.0	37.0	77.6	8.5	8.8						
32.0	30.0	74.5	7.6	7.9						
34.0	21.0	70.3	6.8	7.1						
Ángulo de pluma principal 83.0 [°]										
19.5	73.0	88.3	15.1	26.9						
20.0	71.9	88.1	15.1	26.8						
22.0	68.0	87.3	15.1	22.0						
24.0	63.9	86.4	15.1	18.2						
26.0	59.7	85.3	14.7	15.7						
28.0	55.2	84.0	13.5	13.5						
30.0	50.5	82.4	12.5	11.9						
32.0	45.4	80.5	10.9	10.5						
34.0	39.8	78.3	9.4	9.3						
36.0	33.4	75.6	8.3	8.4						
38.0	25.6	72.0	7.4	7.6						
Ángulo de pluma principal 75.0 [°]										
31.2	65.0	85.0		17.9						
32.0	63.4	84.6	15.1	17.9						
34.0	59.1	83.5	15.1	15.3						
36.0	54.6	82.1	13.7	13.3						
38.0	49.9	80.5	12.3	11.8						
40.0	44.7	78.6	10.7	10.4						
42.0	39.0	76.4	9.3	9.3						
44.0	32.5	73.5	8.3	8.4						
46.0	24.4	69.8	7.4	7.5						
Ángulo de pluma principal 65.0 [°]										
45.1	55.0	78.6		8.1						
46.0	52.8	78.0	8.8	7.8						
48.0	47.9	76.3	8.0	7.0						
50.0	42.6	74.3	7.3	6.3						
55.0	25.5	66.8	5.7	4.8						
57.0	15.7	61.3	5.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 56.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	80.7		30.1						
11.0	75.4	80.4	15.1	30.1						
12.0	72.7	80.1	15.1	29.5						
13.0	69.9	79.8	15.1	27.3						
14.0	67.1	79.3	15.1	24.5						
16.0	61.3	78.3	15.1	19.0						
18.0	55.0	77.0	14.8	15.3						
20.0	48.2	75.3	14.1	12.7						
22.0	40.5	73.2	11.3	10.5						
24.0	31.2	70.4	9.2	8.9						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	79.7		30.1						
18.0	69.7	79.3	15.1	27.8						
20.0	64.0	78.3	15.1	21.1						
22.0	58.0	77.2	15.1	16.8						
24.0	51.4	75.7	15.0	13.8						
26.0	44.2	73.8	12.5	11.5						
28.0	35.8	71.3	10.1	9.7						
30.0	24.8	67.9	8.4	8.2						
Ángulo de pluma principal 75.0 [°]										
27.4	65.0	76.8		20.4						
28.0	63.2	76.6	15.1	19.6						
30.0	57.1	75.4	15.1	16.4						
32.0	50.5	73.8	13.7	13.4						
34.0	43.2	71.9	11.5	11.3						
36.0	34.5	69.3	9.5	9.6						
38.0	23.0	65.6	8.0	8.1						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	71.3		8.1						
40.0	54.7	71.3	10.0	8.1						
42.0	47.8	69.6	8.7	6.9						
44.0	40.1	67.5	7.6	5.9						
46.0	30.6	64.6	6.6	5.0						
48.0	16.5	60.0	5.6	4.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.6	78.0	83.6		28.7						
11.0	77.1	83.5	15.1	28.7						
12.0	74.7	83.2	15.1	25.0						
13.0	72.3	82.9	15.1	21.6						
14.0	69.9	82.6	15.1	18.8						
16.0	64.9	81.7	14.5	15.0						
18.0	59.6	80.6	13.3	12.4						
20.0	54.1	79.2	10.9	10.4						
22.0	48.0	77.5	9.2	8.9						
24.0	41.3	75.5	7.8	7.7						
26.0	33.5	72.8	6.7	6.7						
28.0	23.4	69.1	5.8	5.8						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	82.5		20.6						
18.0	72.1	82.4	15.1	20.5						
20.0	67.2	81.6	15.1	16.6						
22.0	62.1	80.6	14.1	13.5						
24.0	56.7	79.4	11.9	11.2						
26.0	50.9	77.9	10.0	9.6						
28.0	44.5	76.0	8.4	8.2						
30.0	37.3	73.6	7.2	7.1						
32.0	28.5	70.5	6.3	6.3						
Ángulo de pluma principal 75.0 [°]										
28.6	65.0	79.6		14.1						
30.0	61.4	78.9	13.5	13.1						
32.0	56.0	77.6	11.1	11.0						
34.0	50.1	76.0	9.3	9.4						
36.0	43.7	74.1	7.9	8.1						
38.0	36.3	71.7	6.8	7.0						
40.0	27.2	68.4	6.0	6.2						
Ángulo de pluma principal 65.0 [°]										
41.6	55.0	73.7		10.1						
42.0	53.8	73.5	10.3	10.1						
44.0	47.7	71.8	8.9	8.8						
46.0	41.0	69.7	7.7	7.7						
48.0	33.1	67.0	6.7	6.8						
50.0	22.8	63.2	5.9	6.0						
51.0	15.1	60.3	5.5	5.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 59.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.7	78.0	83.6	15.1	30.1						
11.0	77.2	83.5	15.1	30.1						
12.0	74.9	83.3	15.1	30.1						
13.0	72.5	82.9	15.1	28.5						
14.0	70.0	82.6	15.1	24.9						
16.0	65.0	81.7	15.1	19.5						
18.0	59.8	80.6	14.7	15.8						
20.0	54.2	79.2	12.8	13.1						
22.0	48.2	77.6	11.3	11.1						
24.0	41.5	75.5	9.3	9.4						
26.0	33.7	72.8	7.7	8.0						
28.0	23.6	69.1	6.4	6.8						
Ángulo de pluma principal 83.0 [°]										
17.7	73.0	82.5		27.0						
18.0	72.3	82.5	15.1	26.9						
20.0	67.3	81.7	15.1	21.8						
22.0	62.2	80.7	15.1	17.2						
24.0	56.8	79.4	13.7	14.2						
26.0	51.0	77.9	12.1	11.9						
28.0	44.7	76.1	10.2	10.1						
30.0	37.5	73.7	8.4	8.6						
32.0	28.7	70.6	7.2	7.4						
Ángulo de pluma principal 75.0 [°]										
28.7	65.0	79.6		17.9						
30.0	61.5	78.9	15.1	16.9						
32.0	56.1	77.6	14.4	13.9						
34.0	50.3	76.1	11.9	11.7						
36.0	43.8	74.2	10.0	10.0						
38.0	36.5	71.7	8.3	8.5						
40.0	27.4	68.4	7.2	7.4						
Ángulo de pluma principal 65.0 [°]										
41.6	55.0	73.7		7.1						
42.0	53.9	73.5	8.5	6.9						
44.0	47.9	71.9	7.4	5.9						
46.0	41.1	69.8	6.4	5.0						
48.0	33.3	67.1	5.5	4.2						
50.0	23.0	63.3	4.6	3.5						
51.0	15.3	60.5	4.2	3.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.2	78.0	86.5		26.4						
12.0	76.4	86.3	15.1	26.2						
13.0	74.3	86.1	15.1	22.5						
14.0	72.1	85.7	15.1	19.8						
16.0	67.7	85.0	14.7	15.8						
18.0	63.2	84.0	12.8	12.9						
20.0	58.5	82.9	10.9	10.8						
22.0	53.4	81.5	8.9	9.1						
24.0	48.1	79.8	7.5	7.8						
26.0	42.1	77.7	6.5	6.7						
28.0	35.4	75.2	5.6	5.8						
30.0	27.2	71.8	4.9	5.1						
Ángulo de pluma principal 83.0 [°]										
18.5	73.0	85.4		19.0						
20.0	69.8	84.9	15.1	17.3						
22.0	65.3	84.0	14.2	14.1						
24.0	60.7	83.0	12.7	11.8						
26.0	55.8	81.7	10.3	9.8						
28.0	50.6	80.1	8.5	8.4						
30.0	45.0	78.3	7.3	7.3						
32.0	38.7	76.0	6.2	6.3						
34.0	31.3	73.1	5.4	5.5						
36.0	21.6	69.0	4.7	4.8						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	82.3		12.9						
30.0	64.7	82.3	14.1	12.9						
32.0	60.1	81.2	12.3	11.4						
34.0	55.1	79.9	10.1	9.7						
36.0	49.9	78.3	8.4	8.4						
38.0	44.2	76.4	7.2	7.2						
40.0	37.8	74.0	6.2	6.2						
42.0	30.2	71.0	5.5	5.5						
Ángulo de pluma principal 65.0 [°]										
43.3	55.0	76.2		9.1						
44.0	53.2	75.8	9.2	9.1						
46.0	47.8	74.1	7.9	7.9						
48.0	41.8	72.0	6.9	6.8						
50.0	35.0	69.4	5.9	6.0						
54.0	16.2	60.8	4.6							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 62.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.3	78.0	86.5	15.1	30.1						
12.0	76.5	86.4	15.1	30.1						
13.0	74.4	86.1	15.1	27.2						
14.0	72.2	85.8	15.1	23.9						
16.0	67.9	85.0	15.0	18.8						
18.0	63.3	84.1	14.5	15.1						
20.0	58.6	82.9	12.9	12.6						
22.0	53.6	81.5	10.5	10.5						
24.0	48.2	79.8	8.7	9.0						
26.0	42.3	77.8	7.4	7.6						
28.0	35.6	75.2	6.2	6.5						
30.0	27.4	71.9	5.3	5.5						
Ángulo de pluma principal 83.0 [°]										
18.6	73.0	85.4	15.1	22.9						
20.0	69.9	84.9	15.1	20.8						
22.0	65.4	84.0	15.1	16.5						
24.0	60.8	83.0	15.1	13.7						
26.0	55.9	81.7	12.1	11.4						
28.0	50.7	80.2	10.0	9.7						
30.0	45.1	78.3	8.4	8.2						
32.0	38.8	76.0	7.0	7.0						
34.0	31.4	73.1	6.0	6.1						
36.0	21.8	69.1	5.1	5.1						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	82.3	15.1	15.1						
30.0	64.9	82.3	15.1	15.1						
32.0	60.2	81.2	14.3	13.3						
34.0	55.3	79.9	12.0	11.2						
36.0	50.0	78.3	9.8	9.5						
38.0	44.3	76.4	8.3	8.1						
40.0	37.9	74.1	7.0	7.0						
42.0	30.3	71.0	6.0	6.0						
Ángulo de pluma principal 65.0 [°]										
43.3	55.0	76.2	6.2	6.2						
44.0	53.3	75.8	7.3	5.9						
46.0	47.9	74.1	6.3	5.1						
48.0	42.0	72.0	5.4	4.3						
50.0	35.2	69.5	4.6	3.6						
54.0	16.6	60.9	3.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 62.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.9	78.0	89.5	15.1	24.0						
12.0	77.7	89.4	15.1	24.0						
13.0	75.8	89.2	15.1	22.9						
14.0	73.9	88.9	15.1	20.0						
16.0	70.0	88.2	15.1	16.0						
18.0	66.0	87.4	13.6	13.2						
20.0	61.8	86.3	11.7	11.2						
22.0	57.5	85.1	9.8	9.4						
24.0	52.9	83.7	8.2	8.0						
26.0	48.1	82.0	7.0	7.0						
28.0	42.8	80.0	6.0	6.1						
30.0	36.8	77.5	5.2	5.3						
32.0	29.9	74.5	4.6	4.7						
34.0	20.8	70.2	4.0	4.1						
Ángulo de pluma principal 83.0 [°]										
19.4	73.0	88.3		17.3						
20.0	71.8	88.1	15.1	17.2						
22.0	67.9	87.3	15.1	14.4						
24.0	63.8	86.4	12.8	11.9						
26.0	59.5	85.3	10.8	10.2						
28.0	55.1	83.9	8.9	8.7						
30.0	50.4	82.4	7.5	7.5						
32.0	45.3	80.5	6.5	6.5						
34.0	39.7	78.3	5.6	5.7						
36.0	33.3	75.5	4.9	5.0						
38.0	25.4	71.9	4.4	4.4						
Ángulo de pluma principal 75.0 [°]										
31.2	65.0	85.0	11.8	11.7						
32.0	63.2	84.6	11.8	11.7						
34.0	59.0	83.5	9.8	10.0						
36.0	54.5	82.1	8.3	8.5						
38.0	49.7	80.5	7.2	7.5						
40.0	44.6	78.6	6.2	6.5						
42.0	38.9	76.3	5.4	5.6						
44.0	32.4	73.5	4.8	5.0						
46.0	24.2	69.7	4.3	4.5						
Ángulo de pluma principal 65.0 [°]										
45.0	55.0	78.7		8.2						
46.0	52.7	78.0	8.1	8.2						
48.0	47.8	76.3	7.0	7.1						
50.0	42.5	74.3	6.1	6.2						
55.0	25.3	66.7	4.5	4.6						
57.0	15.4	61.1	3.9							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 65.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.9	78.0	89.5		30.1						
12.0	77.8	89.5	15.1	30.1						
13.0	75.9	89.2	15.1	30.1						
14.0	74.0	88.9	15.1	28.9						
16.0	70.1	88.2	15.1	23.7						
18.0	66.1	87.4	15.1	19.5						
20.0	62.0	86.4	15.1	16.4						
22.0	57.6	85.2	13.7	14.0						
24.0	53.1	83.7	11.9	12.1						
26.0	48.2	82.1	10.4	10.4						
28.0	42.9	80.0	8.3	8.4						
30.0	37.0	77.6	6.5	6.8						
32.0	30.0	74.5	5.1	5.4						
34.0	21.0	70.3	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
19.5	73.0	88.3	15.1	25.5						
20.0	71.9	88.1	15.1	25.4						
22.0	68.0	87.3	15.1	21.2						
24.0	63.9	86.4	15.1	17.6						
26.0	59.7	85.3	14.7	15.2						
28.0	55.2	84.0	12.8	13.0						
30.0	50.5	82.4	11.4	11.4						
32.0	45.4	80.5	9.9	10.0						
34.0	39.8	78.3	8.5	8.7						
36.0	33.4	75.6	7.3	7.7						
38.0	25.6	72.0	6.2	6.5						
Ángulo de pluma principal 75.0 [°]										
31.2	65.0	85.0		16.2						
32.0	63.4	84.6	15.1	15.5						
34.0	59.1	83.5	15.1	13.7						
36.0	54.6	82.1	13.6	12.2						
38.0	49.9	80.5	11.7	10.9						
40.0	44.7	78.6	10.2	9.7						
42.0	39.0	76.4	8.8	8.6						
44.0	32.5	73.5	7.8	7.7						
46.0	24.4	69.8	6.9	6.8						
Ángulo de pluma principal 65.0 [°]										
45.1	55.0	78.6		5.3						
46.0	52.8	78.0	6.0	4.9						
48.0	47.9	76.3	5.1	4.2						
50.0	42.6	74.3	4.3	3.5						
55.0	26.5	66.8	2.6							
56.0	21.8	64.4	2.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.5	78.0	92.4	15.1	21.8						
13.0	77.1	92.3	15.1	21.8						
14.0	75.4	92.0	15.1	20.2						
16.0	71.8	91.4	15.1	16.2						
18.0	68.2	90.6	15.0	13.6						
20.0	64.5	89.7	12.1	11.3						
22.0	60.7	88.7	10.1	9.7						
24.0	56.7	87.4	8.5	8.3						
26.0	52.5	85.9	7.2	7.1						
28.0	48.1	84.2	6.2	6.2						
30.0	43.3	82.2	5.4	5.4						
32.0	38.0	79.9	4.7	4.7						
34.0	31.9	77.0	4.1	4.2						
36.0	24.5	73.2	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	91.1	15.1	15.8						
22.0	69.9	90.5	15.0	14.6						
24.0	66.3	89.7	13.3	12.3						
26.0	62.5	88.7	10.9	10.4						
28.0	58.6	87.5	9.2	8.9						
30.0	54.5	86.2	7.7	7.7						
32.0	50.2	84.6	6.7	6.7						
34.0	45.6	82.7	5.8	5.9						
36.0	40.5	80.6	5.0	5.1						
38.0	34.9	77.9	4.4	4.5						
40.0	28.2	74.6	3.9	4.0						
Ángulo de pluma principal 75.0 [°]										
32.4	65.0	87.7	10.7	10.7						
34.0	62.0	86.9	10.7	10.2						
36.0	58.1	85.7	8.9	8.8						
38.0	54.0	84.4	7.6	7.6						
40.0	49.6	82.7	6.6	6.7						
42.0	44.9	80.9	5.8	5.8						
44.0	39.8	78.6	5.0	5.1						
46.0	34.1	75.9	4.4	4.5						
48.0	27.2	72.5	4.0	4.0						
Ángulo de pluma principal 65.0 [°]										
46.7	55.0	81.1	7.4	7.4						
48.0	52.3	80.2	7.3	7.3						
50.0	47.8	78.5	6.3	6.3						
55.0	34.8	72.7	4.5	4.6						
59.0	19.3	64.9	3.6	3.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 68.5 m Plumín 34.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.5	78.0	92.4		30.1						
13.0	77.2	92.3	15.1	30.1						
14.0	75.5	92.1	15.1	28.3						
16.0	71.9	91.4	15.1	22.5						
18.0	68.3	90.7	15.1	18.6						
20.0	64.6	89.8	14.3	15.5						
22.0	60.8	88.7	13.8	13.4						
24.0	56.8	87.4	11.6	11.5						
26.0	52.6	86.0	9.9	10.0						
28.0	48.2	84.3	8.5	8.8						
30.0	43.4	82.3	7.1	7.4						
32.0	38.1	79.9	6.0	6.3						
34.0	32.1	77.0	4.9	5.2						
36.0	24.7	73.3	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	91.1		22.0						
22.0	70.0	90.6	15.1	20.2						
24.0	66.4	89.7	15.0	16.8						
26.0	62.6	88.7	14.6	14.3						
28.0	58.7	87.6	13.2	12.4						
30.0	54.6	86.2	11.1	10.7						
32.0	50.3	84.6	9.5	9.5						
34.0	45.7	82.8	8.3	8.3						
36.0	40.6	80.6	7.2	7.3						
38.0	35.0	78.0	6.3	6.5						
40.0	28.3	74.7	5.6	5.7						
42.0	19.6	70.2	4.8	4.9						
Ángulo de pluma principal 75.0 [°]										
32.5	65.0	87.7		14.7						
34.0	62.1	87.0	15.1	13.9						
36.0	58.2	85.8	12.9	12.2						
38.0	54.1	84.4	10.9	10.5						
40.0	49.7	82.8	9.4	9.3						
42.0	45.0	80.9	8.2	8.2						
44.0	39.9	78.7	7.2	7.3						
46.0	34.2	76.0	6.4	6.5						
48.0	27.3	72.6	5.7	5.8						
Ángulo de pluma principal 65.0 [°]										
46.8	55.0	81.1		4.6						
48.0	52.4	80.3	5.1	4.2						
50.0	48.0	78.6	4.3	3.5						
55.0	34.9	72.8	2.6	2.1						
57.0	29.0	69.5	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 68.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.1	78.0	95.3		21.3						
14.0	76.6	95.1	15.1	21.3						
16.0	73.4	94.6	15.1	17.4						
18.0	70.1	93.9	14.7	14.4						
20.0	66.7	93.0	13.2	12.3						
22.0	63.3	92.1	10.9	10.5						
24.0	59.7	91.0	9.3	9.2						
26.0	56.1	89.7	8.0	7.9						
28.0	52.2	88.2	6.9	6.9						
30.0	48.1	86.5	6.1	6.2						
32.0	43.7	84.5	5.3	5.4						
34.0	38.9	82.2	4.7	4.8						
36.0	33.5	79.4	4.2	4.3						
38.0	27.2	76.0	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
21.2	73.0	94.0	15.1	15.5						
22.0	71.6	93.7	15.1	15.4						
24.0	68.3	93.0	14.0	13.2						
26.0	64.9	92.1	11.9	11.3						
28.0	61.4	91.0	10.1	9.8						
30.0	57.8	89.8	8.6	8.5						
32.0	54.0	88.4	7.4	7.4						
34.0	50.0	86.8	6.5	6.6						
36.0	45.8	85.0	5.7	5.8						
38.0	41.2	82.8	5.0	5.2						
40.0	36.1	80.3	4.5	4.6						
42.0	30.3	77.2	4.0	4.2						
44.0	23.1	73.2	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	90.4		10.5						
34.0	64.5	90.3	10.8	10.5						
36.0	60.9	89.3	9.9	9.7						
38.0	57.3	88.0	8.5	8.5						
40.0	53.5	86.6	7.3	7.4						
42.0	49.5	85.0	6.5	6.6						
44.0	45.2	83.1	5.7	5.8						
46.0	40.6	80.9	5.0	5.1						
48.0	35.4	78.3	4.5	4.6						
50.0	29.5	75.1	4.1	4.2						
Ángulo de pluma principal 65.0 [°]										
48.5	55.0	83.6		7.3						
50.0	52.0	82.5	7.0	6.9						
55.0	41.1	77.7	5.2	5.3						
60.0	26.9	70.1	4.0	4.1						
62.0	18.4	65.4	3.6	3.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 71.5 m Plumín 37.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.2	78.0	95.3	15.1	26.5						
14.0	76.7	95.2	15.1	26.5						
16.0	73.5	94.6	15.1	21.3						
18.0	70.2	93.9	15.1	17.3						
20.0	66.8	93.1	14.0	14.6						
22.0	63.4	92.1	12.2	12.4						
24.0	59.8	91.0	10.8	10.8						
26.0	56.2	89.7	9.2	9.3						
28.0	52.3	88.2	7.8	8.1						
30.0	48.2	86.5	6.7	7.0						
32.0	43.8	84.5	5.6	5.9						
34.0	39.0	82.2	4.6	4.8						
36.0	33.7	79.5	3.8	3.9						
38.0	27.3	76.0	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
21.2	73.0	94.0		18.6						
22.0	71.7	93.8	15.1	18.5						
24.0	68.4	93.0	15.1	15.7						
26.0	65.0	92.1	13.7	13.3						
28.0	61.5	91.1	12.0	11.5						
30.0	57.9	89.9	10.2	9.9						
32.0	54.1	88.5	8.7	8.6						
34.0	50.1	86.9	7.5	7.6						
36.0	45.9	85.0	6.5	6.6						
38.0	41.3	82.9	5.7	5.8						
40.0	36.2	80.3	4.9	5.0						
42.0	30.4	77.3	4.3	4.4						
44.0	23.3	73.3	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	90.4		12.3						
34.0	64.6	90.4	12.4	12.3						
36.0	61.0	89.3	11.3	11.3						
38.0	57.4	88.1	9.6	9.8						
40.0	53.6	86.6	8.2	8.5						
42.0	49.6	85.0	7.2	7.5						
44.0	45.3	83.1	6.3	6.6						
46.0	40.7	80.9	5.5	5.8						
48.0	35.5	78.4	4.9	5.1						
50.0	29.6	75.2	4.3	4.5						
Ángulo de pluma principal 65.0 [°]										
48.5	55.0	83.6		3.8						
50.0	52.1	82.5	4.0	3.3						
55.0	41.7	77.7	2.3							
56.0	39.2	76.5	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.7	78.0	98.3		21.2						
14.0	77.6	98.2	15.1	21.2						
16.0	74.7	97.7	15.1	19.3						
18.0	71.6	97.1	14.9	16.6						
20.0	68.6	96.3	14.5	14.4						
22.0	65.5	95.4	12.3	12.3						
24.0	62.2	94.4	10.5	10.7						
26.0	58.9	93.3	9.2	9.5						
28.0	55.5	91.9	8.0	8.4						
30.0	51.9	90.4	7.1	7.5						
32.0	48.1	88.7	6.4	6.7						
34.0	44.1	86.8	5.7	6.1						
36.0	39.7	84.5	5.1	5.5						
38.0	34.8	81.8	4.6	4.9						
40.0	29.3	78.6	4.3	4.5						
42.0	22.5	74.5	3.9	4.1						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	96.9		16.4						
24.0	70.0	96.2	14.9	15.3						
26.0	66.9	95.4	13.6	13.2						
28.0	63.7	94.4	11.6	11.4						
30.0	60.5	93.3	10.3	10.1						
32.0	57.1	92.1	8.9	8.9						
34.0	53.6	90.7	7.8	7.9						
36.0	49.9	89.1	7.0	7.2						
38.0	46.0	87.2	6.3	6.4						
40.0	41.8	85.1	5.6	5.8						
42.0	37.2	82.6	5.1	5.2						
44.0	32.0	79.7	4.6	4.8						
46.0	25.9	76.0	4.2	4.4						
Ángulo de pluma principal 75.0 [°]										
35.0	65.0	93.2	11.6	11.3						
36.0	63.3	92.7	11.6	11.2						
38.0	60.0	91.6	10.2	10.0						
40.0	56.6	90.3	8.9	8.9						
42.0	53.1	88.9	7.8	7.9						
44.0	49.4	87.2	7.0	7.1						
46.0	45.4	85.3	6.3	6.4						
48.0	41.2	83.2	5.6	5.8						
50.0	36.5	80.7	5.1	5.3						
55.0	21.2	71.5	4.1	4.2						
Ángulo de pluma principal 65.0 [°]										
50.2	55.0	86.0		6.7						
55.0	45.9	82.0	6.3	5.3						
60.0	34.6	76.0	4.9	4.1						
65.0	17.7	65.8	3.8	3.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 74.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.9	78.0	89.5	15.1	19.9						
12.0	77.7	89.4	15.1	19.9						
13.0	75.8	89.2	15.1	19.3						
14.0	73.9	88.9	15.1	16.9						
16.0	70.0	88.2	14.2	13.5						
18.0	66.0	87.4	11.9	10.9						
20.0	61.8	86.3	9.2	8.9						
22.0	57.5	85.1	7.5	7.3						
24.0	52.9	83.7	6.1	6.0						
26.0	48.1	82.0	5.1	5.1						
28.0	42.8	80.0	4.3	4.3						
30.0	36.8	77.5	3.6	3.7						
32.0	29.9	74.5	3.0	3.0						
Ángulo de pluma principal 83.0 [°]										
19.4	73.0	88.3		14.4						
20.0	71.8	88.1	14.9	14.4						
22.0	67.9	87.3	12.2	11.9						
24.0	63.8	86.4	9.6	9.6						
26.0	59.5	85.3	7.7	8.0						
28.0	55.1	83.9	6.4	6.6						
30.0	50.4	82.4	5.4	5.6						
32.0	45.3	80.5	4.6	4.8						
34.0	39.7	78.3	3.9	4.1						
36.0	33.3	75.5	3.4	3.5						
38.0	25.4	71.9	2.9	3.0						
Ángulo de pluma principal 75.0 [°]										
31.2	65.0	85.0	9.7	9.3						
32.0	63.2	84.6	9.6	9.3						
34.0	59.0	83.5	8.0	7.8						
36.0	54.5	82.1	6.6	6.6						
38.0	49.7	80.5	5.6	5.6						
40.0	44.6	78.6	4.8	4.8						
42.0	38.9	76.3	4.1	4.1						
44.0	32.4	73.5	3.5	3.6						
46.0	24.2	69.7	3.1	3.1						
Ángulo de pluma principal 65.0 [°]										
45.0	55.0	78.7		6.3						
46.0	52.7	78.0	6.2	6.2						
48.0	47.8	76.3	5.3	5.3						
50.0	42.5	74.3	4.6	4.6						
55.0	25.3	66.7	3.2	3.3						
57.0	15.4	61.1	2.8							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 74.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	98.3	15.1	26.3						
14.0	77.7	98.2	15.1	26.3						
16.0	74.7	97.7	15.1	23.1						
18.0	71.7	97.1	15.1	19.2						
20.0	68.7	96.3	15.1	16.4						
22.0	65.5	95.5	13.6	14.0						
24.0	62.3	94.4	12.4	12.1						
26.0	59.0	93.3	10.9	10.6						
28.0	55.6	92.0	9.1	9.1						
30.0	52.0	90.5	7.6	7.9						
32.0	48.2	88.8	6.4	6.8						
34.0	44.2	86.8	5.1	5.4						
36.0	39.8	84.5	3.9	4.1						
38.0	35.0	81.9	2.9	3.1						
Ángulo de pluma principal 83.0 [°]										
22.1	73.0	96.9	15.1	18.8						
24.0	70.1	96.2	15.1	17.5						
26.0	67.0	95.4	15.1	15.0						
28.0	63.8	94.5	13.2	12.9						
30.0	60.6	93.4	11.9	11.4						
32.0	57.2	92.1	10.1	9.9						
34.0	53.7	90.7	8.7	8.7						
36.0	50.0	89.1	7.6	7.8						
38.0	46.1	87.3	6.7	6.9						
40.0	41.9	85.2	5.9	6.0						
42.0	37.3	82.7	5.1	5.3						
44.0	32.1	79.8	4.4	4.5						
46.0	26.0	76.1	3.5	3.6						
Ángulo de pluma principal 75.0 [°]										
35.0	65.0	93.2		12.6						
36.0	63.4	92.7	12.6	12.1						
38.0	60.1	91.6	11.1	10.8						
40.0	56.7	90.3	9.7	9.7						
42.0	53.2	88.9	8.4	8.7						
44.0	49.5	87.3	7.4	7.8						
46.0	45.5	85.4	6.6	6.9						
48.0	41.3	83.2	5.9	6.1						
50.0	36.6	80.7	5.3	5.4						
55.0	21.3	71.6	3.9	3.9						
Ángulo de pluma principal 65.0 [°]										
50.2	55.0	86.0		3.1						
55.0	46.3	82.1	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.5	78.0	92.4	15.1	17.8						
13.0	77.1	92.3	15.1	17.8						
14.0	75.4	92.0	15.1	16.9						
16.0	71.8	91.4	14.2	13.4						
18.0	68.2	90.6	11.9	11.0						
20.0	64.5	89.7	9.3	8.8						
22.0	60.7	88.7	7.4	7.3						
24.0	56.7	87.4	6.1	6.1						
26.0	52.5	85.9	5.1	5.1						
28.0	48.1	84.2	4.3	4.3						
30.0	43.3	82.2	3.6	3.7						
32.0	38.0	79.9	3.1	3.1						
34.0	31.9	77.0	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	91.1	14.1	12.8						
22.0	69.9	90.5	13.1	11.9						
24.0	66.3	89.7	10.2	9.6						
26.0	62.5	88.7	8.1	7.9						
28.0	58.6	87.5	6.7	6.6						
30.0	54.5	86.2	5.6	5.6						
32.0	50.2	84.6	4.7	4.8						
34.0	45.6	82.7	4.0	4.1						
36.0	40.5	80.6	3.4	3.4						
38.0	34.9	77.9	2.9	2.9						
40.0	28.2	74.6	2.5	2.5						
Ángulo de pluma principal 75.0 [°]										
32.4	65.0	87.7		8.2						
34.0	62.0	86.9	7.6	7.8						
36.0	58.1	85.7	6.4	6.6						
38.0	54.0	84.4	5.4	5.6						
40.0	49.6	82.7	4.6	4.8						
42.0	44.9	80.9	3.9	4.1						
44.0	39.8	78.6	3.3	3.5						
46.0	34.1	75.9	2.9	3.0						
48.0	27.2	72.5	2.5	2.6						
Ángulo de pluma principal 65.0 [°]										
46.7	55.0	81.1		5.4						
48.0	52.3	80.2	5.2	5.3						
50.0	47.8	78.5	4.5	4.5						
55.0	34.8	72.7	3.0	3.1						
59.0	19.3	64.9	2.3	2.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 77.5 m Plumín 43.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.4	78.0	101.2		26.1						
16.0	75.8	100.8	15.1	24.9						
18.0	73.1	100.2	15.1	20.8						
20.0	70.2	99.6	15.1	17.5						
22.0	67.4	98.8	14.5	15.3						
24.0	64.4	97.8	12.8	13.2						
26.0	61.4	96.8	11.6	11.7						
28.0	58.3	95.6	9.8	10.0						
30.0	55.1	94.2	8.1	8.3						
32.0	51.7	92.7	6.7	7.0						
34.0	48.2	91.0	5.5	5.8						
36.0	44.4	89.0	4.3	4.5						
38.0	40.4	86.8	3.3	3.4						
40.0	36.0	84.2	2.3	2.4						
Ángulo de pluma principal 83.0 [°]										
23.0	73.0	99.8	15.1	18.7						
24.0	71.5	99.4	15.1	18.6						
26.0	68.7	98.7	15.1	16.2						
28.0	65.8	97.8	14.3	14.2						
30.0	62.8	96.8	12.6	12.4						
32.0	59.7	95.7	11.3	11.1						
34.0	56.6	94.4	9.8	9.7						
36.0	53.3	93.0	8.5	8.6						
38.0	49.8	91.3	7.5	7.7						
40.0	46.2	89.5	6.6	6.8						
42.0	42.3	87.4	5.7	5.9						
44.0	38.1	85.0	5.0	5.2						
46.0	33.5	82.2	4.3	4.4						
48.0	28.1	78.8	3.3	3.4						
Ángulo de pluma principal 75.0 [°]										
36.3	65.0	95.9		11.6						
38.0	62.4	95.0	12.7	10.5						
40.0	59.3	93.9	11.1	9.4						
42.0	56.2	92.6	9.8	8.5						
44.0	52.9	91.1	8.5	7.6						
46.0	49.4	89.5	7.6	6.8						
48.0	45.7	87.6	6.8	6.0						
50.0	41.8	85.5	6.1	5.3						
55.0	30.2	78.5	4.7	3.8						
Ángulo de pluma principal 65.0 [°]										
51.9	55.0	88.5		2.3						
54.0	51.8	87.0	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 80.5 m Plumín 34.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.5	78.0	92.4		30.1						
13.0	77.2	92.3	15.1	30.1						
14.0	75.5	92.1	15.1	30.1						
16.0	71.9	91.4	15.1	25.2						
18.0	68.3	90.7	15.1	21.0						
20.0	64.6	89.8	13.2	16.0						
22.0	60.8	88.7	11.4	12.0						
24.0	56.8	87.4	8.0	8.2						
26.0	52.6	86.0	4.8	4.9						
28.0	48.2	84.3	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	91.1		23.5						
22.0	70.0	90.6	15.1	22.7						
24.0	66.4	89.7	15.0	18.9						
26.0	62.6	88.7	14.2	15.6						
28.0	58.7	87.6	12.8	13.0						
30.0	54.6	86.2	9.9	10.3						
32.0	50.3	84.6	7.7	8.2						
34.0	45.7	82.8	5.4	5.7						
36.0	40.6	80.6	3.3	3.4						
Ángulo de pluma principal 75.0 [°]										
32.5	65.0	87.7		11.5						
34.0	62.1	87.0	13.6	10.3						
36.0	58.2	85.8	12.0	8.9						
38.0	54.1	84.4	10.4	7.7						
40.0	49.7	82.8	9.0	6.6						
42.0	45.0	80.9	7.7	5.6						
44.0	39.9	78.7	6.6	4.7						
46.0	34.2	76.0	5.5	3.9						
48.0	27.3	72.6	4.4	3.1						
Ángulo de pluma principal 65.0 [°]										
46.9	55.0	81.1	2.5							
47.0	54.8	81.0	2.4							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 80.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.1	78.0	95.3		18.2						
14.0	76.6	95.1	15.1	18.2						
16.0	73.4	94.6	15.0	15.3						
18.0	70.1	93.9	12.6	12.4						
20.0	66.7	93.0	10.5	10.4						
22.0	63.3	92.1	8.5	8.6						
24.0	59.7	91.0	7.1	7.4						
26.0	56.1	89.7	6.1	6.3						
28.0	52.2	88.2	5.2	5.4						
30.0	48.1	86.5	4.5	4.7						
32.0	43.7	84.5	3.8	4.0						
34.0	38.9	82.2	3.2	3.4						
36.0	33.5	79.4	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
21.2	73.0	94.0	13.3	13.2						
22.0	71.6	93.7	13.2	13.1						
24.0	68.3	93.0	11.5	11.0						
26.0	64.9	92.1	9.5	9.3						
28.0	61.4	91.0	7.9	7.9						
30.0	57.8	89.8	6.8	6.8						
32.0	54.0	88.4	5.8	5.9						
34.0	50.0	86.8	5.1	5.2						
36.0	45.8	85.0	4.4	4.5						
38.0	41.2	82.8	3.8	3.9						
40.0	36.1	80.3	3.3	3.4						
42.0	30.3	77.2	2.9	3.0						
44.0	23.1	73.2	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	90.4		8.6						
34.0	64.5	90.3	8.6	8.6						
36.0	60.9	89.3	7.9	7.9						
38.0	57.3	88.0	6.8	6.8						
40.0	53.5	86.6	5.8	5.9						
42.0	49.5	85.0	5.1	5.2						
44.0	45.2	83.1	4.5	4.6						
46.0	40.6	80.9	3.9	4.0						
48.0	35.4	78.3	3.5	3.6						
50.0	29.5	75.1	3.1	3.2						
Ángulo de pluma principal 65.0 [°]										
48.5	55.0	83.6		5.3						
50.0	52.0	82.5	5.6	4.8						
55.0	41.1	77.7	4.1	3.3						
60.0	26.9	70.1	2.8	2.1						
62.0	19.6	65.4	2.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 83.5 m Plumín 37.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.2	78.0	95.3	15.1	26.7						
14.0	76.7	95.2	15.1	26.7						
16.0	73.5	94.6	15.1	23.1						
18.0	70.2	93.9	15.1	19.3						
20.0	66.8	93.1	14.3	16.0						
22.0	63.4	92.1	10.9	12.0						
24.0	59.8	91.0	8.5	9.1						
26.0	56.2	89.7	5.6	6.0						
28.0	52.3	88.2	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
21.2	73.0	94.0		19.5						
22.0	71.7	93.8	15.1	19.4						
24.0	68.4	93.0	15.1	17.2						
26.0	65.0	92.1	14.0	14.5						
28.0	61.5	91.1	11.8	12.2						
30.0	57.9	89.9	9.8	10.3						
32.0	54.1	88.5	7.9	8.3						
34.0	50.1	86.9	6.4	6.9						
36.0	45.9	85.0	4.5	4.7						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	90.4		10.3						
34.0	64.6	90.4	13.1	10.1						
36.0	61.0	89.3	11.5	8.7						
38.0	57.4	88.1	10.1	7.6						
40.0	53.6	86.6	8.8	6.6						
42.0	49.6	85.0	7.6	5.6						
44.0	45.3	83.1	6.4	4.7						
46.0	40.7	80.9	5.4	3.9						
48.0	35.5	78.4	4.4	3.2						
50.0	29.6	75.2	3.5	2.5						
52.0	23.2	71.0	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 83.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.7	78.0	98.3		15.1						
14.0	77.6	98.2	14.8	15.1						
16.0	74.7	97.7	13.5	13.8						
18.0	71.6	97.1	11.1	11.6						
20.0	68.6	96.3	9.0	9.7						
22.0	65.5	95.4	7.4	8.0						
24.0	62.2	94.4	6.2	6.7						
26.0	58.9	93.3	5.3	5.7						
28.0	55.5	91.9	4.5	4.9						
30.0	51.9	90.4	3.9	4.2						
32.0	48.1	88.7	3.3	3.6						
34.0	44.1	86.8	2.8	3.0						
36.0	39.7	84.5	2.3	2.4						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	96.9		11.1						
24.0	70.0	96.2	9.8	10.3						
26.0	66.9	95.4	8.4	8.6						
28.0	63.7	94.4	7.1	7.2						
30.0	60.5	93.3	6.1	6.2						
32.0	57.1	92.1	5.2	5.3						
34.0	53.6	90.7	4.5	4.6						
36.0	49.9	89.1	3.9	4.0						
38.0	46.0	87.2	3.4	3.4						
40.0	41.8	85.1	2.9	3.0						
42.0	37.2	82.6	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
35.0	65.0	93.2	7.0	7.1						
36.0	63.3	92.7	6.9	7.0						
38.0	60.0	91.6	6.1	6.2						
40.0	56.6	90.3	5.3	5.4						
42.0	53.1	88.9	4.5	4.6						
44.0	49.4	87.2	3.9	4.0						
46.0	45.4	85.3	3.4	3.5						
48.0	41.2	83.2	3.0	3.0						
50.0	36.5	80.7	2.6	2.6						
Ángulo de pluma principal 65.0 [°]										
50.2	55.0	86.0		4.6						
55.0	45.9	82.0	3.5	3.3						
60.0	34.6	76.0	2.5	2.1						
62.0	29.6	72.8	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 86.5 m Plumín 43.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
14.4	78.0	101.2	14.4	14.0						
16.0	75.8	100.8	13.8	13.5						
18.0	73.0	100.2	11.0	10.9						
20.0	70.2	99.5	8.7	8.9						
22.0	67.3	98.7	7.1	7.4						
24.0	64.3	97.8	5.9	6.1						
26.0	61.3	96.7	4.9	5.2						
28.0	58.2	95.5	4.2	4.4						
30.0	55.0	94.2	3.5	3.7						
32.0	51.6	92.7	3.0	3.2						
34.0	48.1	91.0	2.6	2.7						
Ángulo de pluma principal 83.0 [°]										
22.9	73.0	99.7		9.4						
24.0	71.5	99.4	9.1	9.3						
26.0	68.6	98.6	7.6	7.8						
28.0	65.7	97.8	6.4	6.7						
30.0	62.7	96.8	5.4	5.6						
32.0	59.7	95.6	4.6	4.8						
34.0	56.5	94.4	3.9	4.1						
36.0	53.2	92.9	3.3	3.5						
38.0	49.8	91.3	2.9	3.0						
40.0	46.1	89.5	2.4	2.6						
Ángulo de pluma principal 75.0 [°]										
36.2	65.0	95.9		5.8						
38.0	62.3	95.0	5.5	5.6						
40.0	59.3	93.9	4.7	4.8						
42.0	56.1	92.6	4.0	4.1						
44.0	52.8	91.1	3.4	3.5						
46.0	49.3	89.5	2.9	3.0						
48.0	45.6	87.6	2.5	2.6						
50.0	41.7	85.5	2.1	2.2						
Ángulo de pluma principal 65.0 [°]										
51.9	55.0	88.5		3.5						
55.0	49.7	86.1	3.0	3.1						
60.0	40.1	81.0	2.1	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 89.5 m Plumín 46.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.0	78.0	104.1	12.5	13.0						
16.0	76.7	103.9	12.5	13.0						
18.0	74.1	103.4	10.6	10.7						
20.0	71.5	102.7	8.6	8.8						
22.0	68.8	102.0	7.0	7.3						
24.0	66.1	101.1	5.8	6.1						
26.0	63.4	100.1	4.9	5.1						
28.0	60.5	99.0	4.1	4.4						
30.0	57.6	97.8	3.5	3.7						
32.0	54.6	96.4	2.9	3.1						
34.0	51.4	94.9	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
23.8	73.0	102.6	8.4	8.5						
24.0	72.7	102.6	8.3	8.5						
26.0	70.1	101.9	7.8	7.8						
28.0	67.4	101.1	6.5	6.6						
30.0	64.7	100.1	5.4	5.6						
32.0	61.8	99.1	4.6	4.8						
34.0	59.0	97.9	4.0	4.1						
36.0	56.0	96.6	3.3	3.5						
38.0	52.9	95.2	2.8	2.9						
40.0	49.7	93.5	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
37.5	65.0	98.6		5.2						
38.0	64.3	98.4	5.0	5.2						
40.0	61.5	97.3	4.6	4.7						
42.0	58.6	96.1	3.9	4.0						
44.0	55.6	94.8	3.4	3.5						
46.0	52.5	93.3	2.9	3.0						
48.0	49.2	91.7	2.5	2.5						
Ángulo de pluma principal 65.0 [°]										
53.6	55.0	90.9		3.0						
55.0	52.8	90.0	2.9	3.0						
60.0	44.4	85.4		2.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.6	78.0	107.1	10.2	11.1						
16.0	77.5	107.0	10.2	11.1						
18.0	75.1	106.5	9.4	10.2						
20.0	72.7	105.9	8.0	8.6						
22.0	70.2	105.2	6.7	7.1						
24.0	67.7	104.4	5.7	6.0						
26.0	65.1	103.5	4.7	5.0						
28.0	62.5	102.5	4.0	4.2						
30.0	59.8	101.4	3.4	3.6						
32.0	57.0	100.1	2.8	3.0						
34.0	54.2	98.7	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
24.7	73.0	105.5	7.3	7.5						
26.0	71.3	105.0	7.3	7.5						
28.0	68.9	104.3	6.2	6.3						
30.0	66.3	103.5	5.3	5.4						
32.0	63.7	102.5	4.5	4.6						
34.0	61.1	101.4	3.8	4.0						
36.0	58.3	100.2	3.3	3.4						
38.0	55.5	98.9	2.7	2.8						
40.0	52.6	97.4	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
38.8	65.0	101.3	4.3	4.5						
40.0	63.4	100.7	4.3	4.5						
42.0	60.7	99.6	3.8	3.9						
44.0	58.0	98.4	3.3	3.4						
46.0	55.1	97.1	2.8	2.8						
48.0	52.2	95.6	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
55.3	55.0	93.4		2.5						
59.0	49.5	90.5		2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
56.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 95.5 m Plumín 52.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
16.2	78.0	110.0		8.9						
18.0	76.0	109.6	7.6	8.7						
20.0	73.7	109.0	6.7	7.6						
22.0	71.4	108.4	5.8	6.3						
24.0	69.0	107.6	5.0	5.3						
26.0	66.6	106.8	4.3	4.4						
28.0	64.2	105.9	3.5	3.6						
30.0	61.7	104.8	2.9	3.0						
32.0	59.2	103.7	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
25.5	73.0	108.3		6.2						
26.0	72.5	108.2	5.7	6.2						
28.0	70.1	107.5	5.5	5.7						
30.0	67.8	106.7	4.7	4.8						
32.0	65.3	105.8	3.9	4.0						
34.0	62.9	104.8	3.3	3.4						
36.0	60.4	103.7	2.8	2.9						
38.0	57.8	102.5	2.3	2.3						
Ángulo de pluma principal 75.0 [°]										
40.0	65.0	104.0		3.4						
42.0	62.6	103.1	3.2	3.4						
44.0	60.0	102.0	2.7	2.8						
46.0	57.4	100.7	2.3	2.4						
47.0	56.1	100.0	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.2	78.0	74.9		30.1						
9.0	74.5	74.6	15.1	28.5						
10.0	69.8	74.3	15.1	20.8						
11.0	64.9	73.8	15.1	16.0						
12.0	59.8	73.2	14.2	13.1						
13.0	54.4	72.5	11.9	10.9						
14.0	48.5	71.7	10.2	9.3						
16.0	34.4	69.3	7.4	7.1						
Ángulo de pluma principal 83.0 [°]										
14.5	73.0	74.0		24.3						
16.0	65.8	73.4	15.1	16.6						
18.0	55.4	72.2	12.3	11.2						
20.0	43.3	70.4	8.8	8.2						
22.0	26.7	67.4	6.7	6.5						
Ángulo de pluma principal 75.0 [°]										
24.3	65.0	71.6		15.3						
26.0	56.3	70.6	13.1	11.4						
28.0	44.3	68.8	9.0	8.4						
30.0	28.3	66.0	6.7	6.6						
Ángulo de pluma principal 65.0 [°]										
36.0	55.0	66.6		10.6						
38.0	42.5	64.8	8.4	8.0						
Ángulo de pluma principal 45.0 [°]										
55.8	35.0	51.1		3.8						
57.0	22.9	49.2	4.0	3.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.9	78.0	77.8	15.1	30.1						
9.0	77.4	77.8	15.1	30.1						
10.0	73.7	77.5	15.1	27.8						
11.0	69.9	77.1	15.1	21.5						
12.0	66.0	76.7	15.1	17.5						
13.0	61.9	76.1	15.1	14.8						
14.0	57.7	75.5	13.4	12.7						
16.0	48.5	73.9	10.5	9.9						
18.0	37.5	71.7	8.1	8.0						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	76.9	15.1	24.5						
16.0	70.6	76.7	15.1	22.4						
18.0	62.7	75.8	15.1	15.1						
20.0	54.1	74.4	12.1	11.3						
22.0	44.3	72.6	9.4	9.0						
24.0	32.0	70.0	7.4	7.4						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	74.3		15.8						
26.0	63.3	74.1	15.1	15.4						
28.0	54.8	72.8	12.5	11.5						
30.0	45.1	71.1	9.5	9.1						
32.0	33.1	68.5	7.5	7.4						
Ángulo de pluma principal 65.0 [°]										
37.7	55.0	69.1		11.1						
38.0	53.5	68.9	11.8	11.1						
40.0	43.6	67.1	9.0	8.7						
42.0	31.1	64.4	7.2	7.2						
Ángulo de pluma principal 45.0 [°]										
58.3	35.0	52.8		3.1						
60.0	20.3	49.7	3.1	2.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.9	78.0	77.8		30.1						
9.0	77.7	77.8	15.1	30.1						
10.0	73.9	77.5	15.1	30.1						
11.0	70.1	77.1	15.1	29.8						
12.0	66.2	76.7	15.1	25.1						
13.0	62.2	76.2	15.1	20.9						
14.0	57.9	75.6	15.1	17.8						
16.0	48.7	74.0	14.7	13.7						
18.0	37.7	71.7	11.7	11.0						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	76.9		30.1						
16.0	70.8	76.7	15.1	30.0						
18.0	62.9	75.8	15.1	21.3						
20.0	54.3	74.5	15.1	15.7						
22.0	44.5	72.7	13.1	12.4						
24.0	32.3	70.1	10.7	10.2						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	74.3		22.0						
26.0	63.6	74.2	15.1	21.9						
28.0	55.0	72.9	15.1	15.9						
30.0	45.3	71.1	13.6	12.5						
32.0	33.4	68.6	10.7	10.2						
Ángulo de pluma principal 65.0 [°]										
37.7	55.0	69.1		12.0						
38.0	53.8	69.0	13.7	11.8						
40.0	43.9	67.1	12.4	10.4						
42.0	31.4	64.4	9.7	9.2						
43.0	22.8	62.4	8.8	8.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.5	78.0	80.7	15.1	30.1						
10.0	76.4	80.6	15.1	30.1						
11.0	73.2	80.3	15.1	26.1						
12.0	70.0	79.9	15.1	21.5						
13.0	66.7	79.5	15.0	18.4						
14.0	63.4	79.0	14.8	15.9						
16.0	56.2	77.8	12.2	12.5						
18.0	48.4	76.2	9.7	10.2						
20.0	39.4	74.0	8.0	8.5						
22.0	27.9	70.9	6.7	7.2						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	79.8	15.1	23.8						
18.0	67.3	79.1	15.1	18.7						
20.0	60.5	78.1	14.2	14.3						
22.0	53.2	76.7	11.0	11.4						
24.0	44.9	74.9	8.9	9.4						
26.0	35.2	72.4	7.4	7.9						
Ángulo de pluma principal 75.0 [°]										
26.9	65.0	77.0	15.1	16.0						
28.0	61.1	76.4	15.1	14.5						
30.0	53.8	75.1	12.8	11.6						
32.0	45.6	73.3	10.2	9.6						
34.0	36.0	70.9	8.2	8.0						
36.0	22.9	67.3	7.0	6.9						
Ángulo de pluma principal 65.0 [°]										
39.4	55.0	71.5		11.5						
40.0	52.7	71.2	12.7	11.3						
42.0	44.4	69.3	10.0	9.3						
44.0	34.5	66.8	8.1	7.9						
Ángulo de pluma principal 45.0 [°]										
60.7	35.0	54.5		2.6						
63.0	20.7	50.2	2.6							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.5	78.0	80.7		30.1						
10.0	76.5	80.6	15.1	30.1						
11.0	73.4	80.3	15.1	30.0						
12.0	70.2	80.0	15.1	29.0						
13.0	66.9	79.5	15.1	25.6						
14.0	63.5	79.0	15.1	21.8						
16.0	56.4	77.8	15.1	16.9						
18.0	48.6	76.2	14.6	13.6						
20.0	39.6	74.1	11.9	11.1						
22.0	28.1	71.0	9.8	9.2						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	79.8		30.1						
18.0	67.5	79.1	15.1	26.4						
20.0	60.7	78.1	15.1	19.6						
22.0	53.4	76.7	15.1	15.3						
24.0	45.2	74.9	13.3	12.5						
26.0	35.4	72.5	11.1	10.3						
Ángulo de pluma principal 75.0 [°]										
26.9	65.0	77.0		21.9						
28.0	61.3	76.5	15.1	19.8						
30.0	54.0	75.1	15.1	15.5						
32.0	45.8	73.4	13.9	12.7						
34.0	36.2	71.0	11.4	10.5						
36.0	23.1	67.4	9.3	8.8						
Ángulo de pluma principal 65.0 [°]										
39.4	55.0	71.5		10.8						
40.0	52.9	71.2	12.1	10.4						
42.0	44.6	69.4	11.0	9.3						
44.0	34.7	66.9	9.3	8.3						
46.0	20.7	63.0	7.8	7.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.1	78.0	83.7	15.1	29.5						
11.0	75.6	83.4	15.1	26.4						
12.0	72.9	83.1	15.1	22.1						
13.0	70.1	82.8	15.1	18.8						
14.0	67.3	82.3	14.4	16.4						
16.0	61.4	81.3	12.7	13.0						
18.0	55.2	80.0	10.0	10.6						
20.0	48.4	78.4	8.3	8.9						
22.0	40.7	76.3	7.0	7.5						
24.0	31.5	73.5	6.0	6.5						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	82.6		20.8						
18.0	70.6	82.3	15.1	19.3						
20.0	64.9	81.5	14.8	14.7						
22.0	58.9	80.4	13.2	11.9						
24.0	52.5	78.9	10.4	9.8						
26.0	45.4	77.1	8.5	8.3						
28.0	37.2	74.8	7.1	7.1						
30.0	26.9	71.5	6.1	6.1						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	79.7		14.0						
30.0	59.4	78.7	13.5	12.0						
32.0	53.0	77.3	10.7	9.9						
34.0	46.0	75.6	8.7	8.4						
36.0	37.9	73.3	7.3	7.1						
38.0	27.8	70.1	6.3	6.2						
Ángulo de pluma principal 65.0 [°]										
41.1	55.0	74.0		10.1						
42.0	52.1	73.4	10.4	9.7						
44.0	44.9	71.6	8.4	8.2						
46.0	36.7	69.2	7.1	7.0						
48.0	26.2	65.9	6.2	6.1						
Ángulo de pluma principal 45.0 [°]										
63.4	35.0	56.3	2.3							
64.0	31.8	55.2	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	83.7	15.1	30.1						
11.0	75.7	83.5	15.1	30.1						
12.0	73.0	83.2	15.1	29.0						
13.0	70.2	82.8	15.1	26.0						
14.0	67.4	82.4	15.1	22.9						
16.0	61.6	81.4	15.1	17.7						
18.0	55.3	80.1	14.2	14.3						
20.0	48.6	78.4	13.1	11.9						
22.0	40.9	76.3	10.6	9.9						
24.0	31.7	73.6	8.6	8.4						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	82.6		28.8						
18.0	70.8	82.4	15.1	27.2						
20.0	65.1	81.5	15.1	20.3						
22.0	59.1	80.4	14.4	16.1						
24.0	52.7	79.0	12.7	13.2						
26.0	45.6	77.2	10.7	11.0						
28.0	37.4	74.8	8.8	9.3						
30.0	27.1	71.6	7.5	8.0						
Ángulo de pluma principal 75.0 [°]										
28.2	65.0	79.7		19.1						
30.0	59.6	78.8	15.1	16.3						
32.0	53.2	77.4	13.9	13.3						
34.0	46.2	75.6	12.1	11.2						
36.0	38.1	73.3	9.8	9.5						
38.0	28.0	70.2	8.3	8.2						
Ángulo de pluma principal 65.0 [°]										
41.2	55.0	74.0		9.9						
42.0	52.3	73.4	10.9	9.5						
44.0	45.1	71.6	9.9	8.5						
46.0	36.9	69.2	9.0	7.6						
48.0	26.4	65.9	7.8	6.8						
49.0	19.0	63.5	7.1	6.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.7	78.0	86.6		26.0						
11.0	77.3	86.5	15.1	26.0						
12.0	75.0	86.3	15.1	22.3						
13.0	72.6	86.0	15.1	19.2						
14.0	70.1	85.6	15.1	16.8						
16.0	65.1	84.7	13.8	13.3						
18.0	59.9	83.6	12.1	11.0						
20.0	54.4	82.3	9.6	9.1						
22.0	48.4	80.6	8.0	7.8						
24.0	41.7	78.6	6.8	6.7						
26.0	34.0	75.9	5.8	5.8						
28.0	24.0	72.3	5.1	5.1						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	85.5		18.4						
20.0	68.1	84.8	15.1	15.2						
22.0	63.0	83.8	13.2	12.2						
24.0	57.7	82.6	10.9	10.1						
26.0	52.0	81.2	8.8	8.6						
28.0	45.8	79.4	7.5	7.4						
30.0	38.7	77.1	6.4	6.4						
32.0	30.3	74.1	5.6	5.6						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	82.5		12.5						
30.0	63.4	82.2	13.8	12.4						
32.0	58.1	81.0	11.1	10.3						
34.0	52.4	79.6	8.9	8.6						
36.0	46.3	77.8	7.5	7.4						
38.0	39.3	75.6	6.4	6.4						
40.0	31.0	72.7	5.6	5.7						
Ángulo de pluma principal 65.0 [°]										
42.8	55.0	76.5		8.9						
44.0	51.6	75.6	8.7	8.5						
46.0	45.4	73.8	7.4	7.3						
48.0	38.3	71.5	6.3	6.3						
50.0	29.7	68.5	5.6	5.6						
52.0	17.5	63.9	4.9	4.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	86.6	15.1	30.1						
11.0	77.5	86.6	15.1	30.1						
12.0	75.1	86.3	15.1	29.6						
13.0	72.7	86.0	15.1	27.1						
14.0	70.3	85.6	15.1	23.4						
16.0	65.3	84.8	15.1	18.2						
18.0	60.0	83.7	14.6	14.8						
20.0	54.5	82.3	12.7	12.2						
22.0	48.5	80.7	11.1	10.4						
24.0	41.9	78.6	9.1	8.8						
26.0	34.2	76.0	7.5	7.5						
28.0	24.2	72.4	6.5	6.4						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	85.5	15.1	25.4						
20.0	68.3	84.8	15.1	20.9						
22.0	63.2	83.9	15.1	16.5						
24.0	57.8	82.7	13.8	13.6						
26.0	52.1	81.2	12.1	11.4						
28.0	45.9	79.4	10.2	9.7						
30.0	38.9	77.2	8.4	8.2						
32.0	30.5	74.2	7.2	7.1						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	82.5		16.8						
30.0	63.6	82.2	15.1	16.8						
32.0	58.3	81.1	15.0	13.8						
34.0	52.6	79.6	12.4	11.5						
36.0	46.4	77.8	10.4	9.8						
38.0	39.5	75.6	8.6	8.4						
40.0	31.2	72.7	7.3	7.3						
Ángulo de pluma principal 65.0 [°]										
42.9	55.0	76.5		8.8						
44.0	51.8	75.7	9.5	8.3						
46.0	45.5	73.9	8.7	7.5						
48.0	38.4	71.6	7.9	6.7						
50.0	29.9	68.6	6.9	6.0						
52.0	17.7	64.0	5.9	5.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.3	78.0	89.5		30.1						
12.0	76.6	89.4	15.1	30.1						
13.0	74.5	89.1	15.1	29.3						
14.0	72.4	88.8	15.1	26.9						
16.0	68.0	88.0	15.1	21.8						
18.0	63.4	87.1	15.1	18.1						
20.0	58.7	85.9	14.6	15.6						
22.0	53.7	84.5	13.8	13.6						
24.0	48.3	82.9	12.8	12.1						
26.0	42.5	80.8	11.2	10.8						
28.0	35.8	78.3	9.9	9.8						
30.0	27.7	75.0	9.0	9.0						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	88.4	15.1	26.0						
20.0	70.6	88.0	15.1	24.6						
22.0	66.1	87.2	15.1	20.0						
24.0	61.5	86.1	15.1	17.0						
26.0	56.7	84.9	14.3	14.7						
28.0	51.6	83.4	13.6	13.0						
30.0	46.0	81.6	12.2	11.6						
32.0	39.9	79.4	10.7	10.4						
34.0	32.7	76.6	9.6	9.5						
36.0	23.6	72.9	8.6	8.7						
Ángulo de pluma principal 75.0 [°]										
30.7	65.0	85.2	15.1	18.0						
32.0	61.9	84.5	15.1	17.1						
34.0	57.1	83.3	14.9	14.8						
36.0	52.0	81.8	13.6	13.0						
38.0	46.5	80.0	12.3	11.7						
40.0	40.4	77.9	10.8	10.4						
42.0	33.3	75.2	9.6	9.5						
44.0	24.4	71.5	8.7	8.8						
Ángulo de pluma principal 65.0 [°]										
44.6	55.0	78.9		10.8						
46.0	51.3	77.9	11.5	10.2						
48.0	45.7	76.1	10.7	9.5						
50.0	39.5	73.8	10.0	8.8						
55.0	16.4	64.4	8.2	7.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.5	78.0	80.7	15.1	30.1						
10.0	76.4	80.6	15.1	30.1						
11.0	73.2	80.3	15.1	30.1						
12.0	70.0	79.9	15.1	26.4						
13.0	66.7	79.5	15.1	23.0						
14.0	63.4	79.0	15.1	19.8						
16.0	56.2	77.8	14.9	15.5						
18.0	48.4	76.2	14.3	12.6						
20.0	39.4	74.0	11.2	10.4						
22.0	27.9	70.9	9.1	8.7						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	79.8	15.1	28.9						
18.0	67.3	79.1	15.1	23.6						
20.0	60.5	78.1	15.1	17.8						
22.0	53.2	76.7	15.0	14.1						
24.0	44.9	74.9	13.0	11.6						
26.0	35.2	72.4	10.3	9.7						
Ángulo de pluma principal 75.0 [°]										
26.9	65.0	77.0	15.1	19.5						
28.0	61.1	76.4	15.1	18.1						
30.0	53.8	75.1	14.8	14.4						
32.0	45.6	73.3	13.2	11.9						
34.0	36.0	70.9	10.6	9.9						
36.0	22.9	67.3	8.8	8.4						
Ángulo de pluma principal 65.0 [°]										
39.4	55.0	71.5		11.1						
40.0	52.7	71.2	13.1	10.7						
42.0	44.4	69.3	11.3	9.5						
44.0	34.5	66.8	9.3	8.4						
46.0	20.4	62.9	7.9	7.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.4	78.0	89.5	15.1	30.1						
12.0	76.7	89.4	15.1	30.1						
13.0	74.6	89.1	15.1	30.1						
14.0	72.5	88.8	15.1	29.2						
16.0	68.1	88.0	15.1	26.1						
18.0	63.6	87.1	15.1	21.3						
20.0	58.8	86.0	15.1	18.1						
22.0	53.8	84.6	15.1	15.5						
24.0	48.5	82.9	14.6	13.6						
26.0	42.6	80.9	12.6	12.0						
28.0	35.9	78.4	11.0	10.6						
30.0	27.9	75.1	9.7	9.6						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	88.4	15.1	30.1						
20.0	70.7	88.0	15.1	29.4						
22.0	66.3	87.2	15.1	23.9						
24.0	61.7	86.2	15.1	19.9						
26.0	56.8	84.9	15.1	16.9						
28.0	51.7	83.4	15.1	14.7						
30.0	46.2	81.6	13.6	12.9						
32.0	40.0	79.5	11.9	11.4						
34.0	32.9	76.7	10.5	10.3						
36.0	23.8	72.9	9.3	9.2						
Ángulo de pluma principal 75.0 [°]										
30.7	65.0	85.2	15.1	19.9						
32.0	62.0	84.5	15.1	18.7						
34.0	57.2	83.3	15.1	16.9						
36.0	52.1	81.9	15.0	14.8						
38.0	46.6	80.1	14.0	13.1						
40.0	40.5	77.9	12.1	11.6						
42.0	33.5	75.2	10.7	10.4						
44.0	24.6	71.6	9.5	9.4						
Ángulo de pluma principal 65.0 [°]										
44.6	55.0	78.9	8.4	7.9						
46.0	51.4	77.9	8.4	7.4						
48.0	45.8	76.1	7.6	6.6						
50.0	39.6	73.9	6.9	5.9						
55.0	16.7	64.5	5.3	4.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 53.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.1	78.0	83.7	15.1	30.1						
11.0	75.6	83.4	15.1	29.8						
12.0	72.9	83.1	15.1	25.3						
13.0	70.1	82.8	15.1	21.4						
14.0	67.3	82.3	15.1	18.7						
16.0	61.4	81.3	15.1	14.7						
18.0	55.2	80.0	12.6	11.8						
20.0	48.4	78.4	10.5	9.8						
22.0	40.7	76.3	8.4	8.1						
24.0	31.5	73.5	6.9	6.8						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	82.6	15.1	23.1						
18.0	70.6	82.3	15.1	22.0						
20.0	64.9	81.5	15.1	16.7						
22.0	58.9	80.4	14.3	13.4						
24.0	52.5	78.9	11.7	10.9						
26.0	45.4	77.1	9.6	9.1						
28.0	37.2	74.8	7.8	7.6						
30.0	26.9	71.5	6.6	6.5						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	79.7	15.5							
30.0	59.4	78.7	14.6	13.5						
32.0	53.0	77.3	12.1	11.0						
34.0	46.0	75.6	9.8	9.3						
36.0	37.9	73.3	8.0	7.8						
38.0	27.8	70.1	6.8	6.7						
Ángulo de pluma principal 65.0 [°]										
41.1	55.0	74.0	10.1							
42.0	52.1	73.4	11.7	9.6						
44.0	44.9	71.6	9.5	8.6						
46.0	36.7	69.2	7.9	7.7						
48.0	26.2	65.9	6.7	6.7						
49.0	18.8	63.5	6.2	6.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 53.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.0	78.0	92.5		30.1						
13.0	76.1	92.2	15.1	30.1						
14.0	74.2	92.0	15.1	30.0						
16.0	70.3	91.3	15.1	24.6						
18.0	66.3	90.4	15.1	20.3						
20.0	62.2	89.4	15.1	17.1						
22.0	57.9	88.2	13.7	14.7						
24.0	53.3	86.8	12.2	12.8						
26.0	48.5	85.1	10.9	11.3						
28.0	43.2	83.1	9.5	10.0						
30.0	37.3	80.7	8.3	8.9						
32.0	30.4	77.7	7.4	8.0						
34.0	21.6	73.6	6.7	7.2						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	91.3		26.7						
20.0	72.6	91.2	15.1	26.7						
22.0	68.7	90.5	15.1	22.6						
24.0	64.6	89.6	15.1	18.8						
26.0	60.4	88.5	14.9	16.1						
28.0	56.0	87.2	13.6	13.8						
30.0	51.4	85.7	12.6	12.2						
32.0	46.4	83.9	11.1	10.8						
34.0	40.9	81.7	9.6	9.5						
36.0	34.7	79.1	8.4	8.6						
38.0	27.2	75.7	7.6	7.7						
Ángulo de pluma principal 75.0 [°]										
32.0	65.0	87.9		17.8						
34.0	60.8	86.9	15.1	16.1						
36.0	56.4	85.6	14.4	14.0						
38.0	51.7	84.1	12.8	12.2						
40.0	46.8	82.3	11.3	10.9						
42.0	41.3	80.2	9.8	9.7						
44.0	35.2	77.6	8.6	8.7						
46.0	27.8	74.3	7.8	7.9						
Ángulo de pluma principal 65.0 [°]										
46.3	55.0	81.4		7.0						
48.0	51.1	80.2	7.2	6.4						
50.0	46.0	78.3	6.5	5.7						
55.0	30.7	71.9	5.0	4.2						
58.0	15.7	64.9	4.1	3.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 56.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	83.7	15.1	30.1						
11.0	75.7	83.5	15.1	30.1						
12.0	73.0	83.2	15.1	29.8						
13.0	70.2	82.8	15.1	27.4						
14.0	67.4	82.4	15.1	24.8						
16.0	61.6	81.4	15.1	19.1						
18.0	55.3	80.1	14.8	15.4						
20.0	48.6	78.4	14.2	12.8						
22.0	40.9	76.3	11.4	10.6						
24.0	31.7	73.6	9.3	9.0						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	82.6	15.1	30.1						
18.0	70.8	82.4	15.1	29.1						
20.0	65.1	81.5	15.1	22.1						
22.0	59.1	80.4	15.1	17.5						
24.0	52.7	79.0	15.0	14.2						
26.0	45.6	77.2	13.1	11.9						
28.0	37.4	74.8	10.5	10.0						
30.0	27.1	71.6	8.7	8.5						
Ángulo de pluma principal 75.0 [°]										
28.2	65.0	79.7	15.1	19.0						
30.0	59.6	78.8	15.1	16.7						
32.0	53.2	77.4	13.7	14.4						
34.0	46.2	75.6	11.8	12.1						
36.0	38.1	73.3	9.7	10.2						
38.0	28.0	70.2	8.2	8.7						
Ángulo de pluma principal 65.0 [°]										
41.2	55.0	74.0	8.0	6.9						
42.0	52.3	73.4	8.0	6.4						
44.0	45.1	71.6	6.9	5.4						
46.0	36.9	69.2	5.9	4.5						
48.0	26.4	65.9	4.9	3.7						
49.0	19.0	63.5	4.5	3.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.:	9842523/95738/	Pieza de articulación de pluma principal:	2821-1
Radio de descarga:	360 °	Cabeza de pluma principal:	2821-1
Valor de vuelco:	2 - Vía ancha		
Lastre trasero [t]:	94.0		
Lastre central [t]:	52.6		

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.7	78.0	86.6		28.4						
11.0	77.3	86.5	15.1	28.4						
12.0	75.0	86.3	15.1	25.3						
13.0	72.6	86.0	15.1	21.9						
14.0	70.1	85.6	15.1	19.0						
16.0	65.1	84.7	14.5	15.1						
18.0	59.9	83.6	13.5	12.5						
20.0	54.4	82.3	11.0	10.5						
22.0	48.4	80.6	9.3	9.0						
24.0	41.7	78.6	7.9	7.7						
26.0	34.0	75.9	6.7	6.7						
28.0	24.0	72.3	5.9	5.9						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	85.5		20.5						
20.0	68.1	84.8	15.1	17.2						
22.0	63.0	83.8	14.2	13.9						
24.0	57.7	82.6	12.3	11.6						
26.0	52.0	81.2	10.2	9.8						
28.0	45.8	79.4	8.7	8.5						
30.0	38.7	77.1	7.4	7.3						
32.0	30.3	74.1	6.4	6.5						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	82.5		14.0						
30.0	63.4	82.2	14.8	13.9						
32.0	58.1	81.0	12.4	11.8						
34.0	52.4	79.6	10.3	9.9						
36.0	46.3	77.8	8.8	8.6						
38.0	39.3	75.6	7.5	7.4						
40.0	31.0	72.7	6.5	6.5						
Ángulo de pluma principal 65.0 [°]										
42.8	55.0	76.5		9.4						
44.0	51.6	75.6	10.0	8.8						
46.0	45.4	73.8	8.5	7.9						
48.0	38.3	71.5	7.3	7.1						
50.0	29.7	68.5	6.4	6.4						
52.0	17.5	63.9	5.6	5.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 59.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	86.6	15.1	30.1						
11.0	77.5	86.6	15.1	30.1						
12.0	75.1	86.3	15.1	30.1						
13.0	72.7	86.0	15.1	29.1						
14.0	70.3	85.6	15.1	25.3						
16.0	65.3	84.8	15.1	19.8						
18.0	60.0	83.7	14.9	16.0						
20.0	54.5	82.3	13.3	13.2						
22.0	48.5	80.7	11.9	11.2						
24.0	41.9	78.6	9.8	9.5						
26.0	34.2	76.0	8.1	8.1						
28.0	24.2	72.4	6.6	6.8						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	85.5	15.1	26.8						
20.0	68.3	84.8	15.1	22.6						
22.0	63.2	83.9	15.1	17.8						
24.0	57.8	82.7	14.3	14.7						
26.0	52.1	81.2	12.9	12.3						
28.0	45.9	79.4	11.0	10.4						
30.0	38.9	77.2	9.1	8.9						
32.0	30.5	74.2	7.6	7.6						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	82.5		17.5						
30.0	63.6	82.2	15.1	16.9						
32.0	58.3	81.1	15.1	14.8						
34.0	52.6	79.6	13.1	12.4						
36.0	46.4	77.8	11.2	10.6						
38.0	39.5	75.6	9.3	9.0						
40.0	31.2	72.7	7.9	7.8						
Ángulo de pluma principal 65.0 [°]										
42.9	55.0	76.5		5.9						
44.0	51.8	75.7	6.6	5.4						
46.0	45.5	73.9	5.7	4.5						
48.0	38.4	71.6	4.8	3.7						
50.0	29.9	68.6	4.0	3.0						
52.0	17.7	64.0	3.2	2.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.3	78.0	89.5		26.2						
12.0	76.6	89.4	15.1	26.2						
13.0	74.5	89.1	15.1	22.6						
14.0	72.4	88.8	15.1	20.0						
16.0	68.0	88.0	14.8	15.9						
18.0	63.4	87.1	12.4	13.0						
20.0	58.7	85.9	10.5	10.9						
22.0	53.7	84.5	8.6	9.2						
24.0	48.3	82.9	7.3	7.9						
26.0	42.5	80.8	6.3	6.8						
28.0	35.8	78.3	5.4	5.8						
30.0	27.7	75.0	4.8	5.1						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	88.4	15.1	18.8						
20.0	70.6	88.0	15.1	18.0						
22.0	66.1	87.2	14.6	14.6						
24.0	61.5	86.1	12.8	12.1						
26.0	56.7	84.9	10.6	10.2						
28.0	51.6	83.4	8.7	8.7						
30.0	46.0	81.6	7.4	7.5						
32.0	39.9	79.4	6.4	6.4						
34.0	32.7	76.6	5.5	5.6						
36.0	23.6	72.9	4.8	4.9						
Ángulo de pluma principal 75.0 [°]										
30.7	65.0	85.2	14.0	12.8						
32.0	61.9	84.5	13.4	12.3						
34.0	57.1	83.3	11.0	10.3						
36.0	52.0	81.8	9.0	8.8						
38.0	46.5	80.0	7.7	7.6						
40.0	40.4	77.9	6.6	6.6						
42.0	33.3	75.2	5.7	5.8						
44.0	24.4	71.5	5.0	5.1						
Ángulo de pluma principal 65.0 [°]										
44.6	55.0	78.9		8.5						
46.0	51.3	77.9	8.8	7.9						
48.0	45.7	76.1	7.5	7.1						
50.0	39.5	73.8	6.5	6.4						
55.0	16.4	64.4	4.7	4.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 62.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.4	78.0	89.5	15.1	30.1						
12.0	76.7	89.4	15.1	30.1						
13.0	74.6	89.1	15.1	27.5						
14.0	72.5	88.8	15.1	24.2						
16.0	68.1	88.0	15.0	18.9						
18.0	63.6	87.1	13.9	15.2						
20.0	58.8	86.0	12.3	12.7						
22.0	53.8	84.6	10.1	10.6						
24.0	48.5	82.9	8.4	9.0						
26.0	42.6	80.9	7.2	7.7						
28.0	35.9	78.4	6.1	6.5						
30.0	27.9	75.1	5.2	5.5						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	88.4		22.7						
20.0	70.7	88.0	15.1	21.7						
22.0	66.3	87.2	15.1	17.2						
24.0	61.7	86.2	15.0	14.1						
26.0	56.8	84.9	12.5	11.7						
28.0	51.7	83.4	10.2	9.9						
30.0	46.2	81.6	8.6	8.5						
32.0	40.0	79.5	7.2	7.2						
34.0	32.9	76.7	6.1	6.2						
36.0	23.8	72.9	5.2	5.3						
Ángulo de pluma principal 75.0 [°]										
30.7	65.0	85.2		15.0						
32.0	62.0	84.5	15.1	14.3						
34.0	57.2	83.3	13.0	12.0						
36.0	52.1	81.9	10.5	10.0						
38.0	46.6	80.1	8.8	8.6						
40.0	40.5	77.9	7.4	7.4						
42.0	33.5	75.2	6.4	6.4						
44.0	24.6	71.6	5.5	5.5						
Ángulo de pluma principal 65.0 [°]										
44.6	55.0	78.9		5.1						
46.0	51.4	77.9	5.6	4.5						
48.0	45.8	76.1	4.7	3.8						
50.0	39.6	73.9	3.9	3.1						
55.0	18.5	64.5	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 62.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.0	78.0	92.5	15.1	23.8						
13.0	76.0	92.2	15.1	23.0						
14.0	74.1	91.9	15.1	20.1						
16.0	70.2	91.2	15.1	16.1						
18.0	66.2	90.4	13.7	13.3						
20.0	62.1	89.4	11.8	11.2						
22.0	57.7	88.2	9.9	9.5						
24.0	53.2	86.8	8.2	8.1						
26.0	48.3	85.1	7.0	7.0						
28.0	43.1	83.1	6.1	6.1						
30.0	37.2	80.7	5.2	5.3						
32.0	30.3	77.6	4.6	4.7						
34.0	21.4	73.5	4.1	4.1						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	91.2	15.1	17.1						
20.0	72.5	91.2	15.1	17.1						
22.0	68.6	90.4	15.1	14.8						
24.0	64.5	89.5	13.2	12.3						
26.0	60.3	88.5	11.1	10.5						
28.0	55.9	87.2	9.2	8.9						
30.0	51.3	85.6	7.7	7.7						
32.0	46.2	83.8	6.7	6.7						
34.0	40.8	81.7	5.8	5.8						
36.0	34.5	79.0	5.0	5.1						
38.0	27.0	75.6	4.5	4.5						
Ángulo de pluma principal 75.0 [°]										
31.9	65.0	87.9		11.7						
32.0	64.8	87.9	11.2	11.7						
34.0	60.7	86.8	10.1	10.6						
36.0	56.3	85.6	8.5	9.1						
38.0	51.6	84.1	7.3	7.8						
40.0	46.6	82.3	6.4	6.8						
42.0	41.2	80.2	5.5	5.9						
44.0	35.0	77.6	4.9	5.2						
46.0	27.7	74.2	4.3	4.7						
Ángulo de pluma principal 65.0 [°]										
46.3	55.0	81.4		7.9						
48.0	51.0	80.1	7.7	7.2						
50.0	45.9	78.3	6.7	6.5						
55.0	30.5	71.8	4.8	4.9						
58.0	15.6	64.8	4.0	4.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.6	78.0	95.4	15.1	21.5						
13.0	77.3	95.3	15.1	21.5						
14.0	75.6	95.0	15.1	20.4						
16.0	72.0	94.4	15.1	16.3						
18.0	68.4	93.7	15.0	13.6						
20.0	64.7	92.8	12.2	11.4						
22.0	60.9	91.7	10.2	9.8						
24.0	56.9	90.5	8.5	8.3						
26.0	52.8	89.0	7.2	7.1						
28.0	48.3	87.3	6.2	6.3						
30.0	43.5	85.4	5.4	5.5						
32.0	38.3	83.0	4.7	4.8						
34.0	32.3	80.1	4.1	4.2						
36.0	25.0	76.4	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	94.1		15.7						
22.0	70.6	93.7	15.1	15.1						
24.0	66.9	92.8	13.8	12.7						
26.0	63.2	91.9	11.2	10.6						
28.0	59.3	90.7	9.5	9.2						
30.0	55.3	89.4	8.0	7.9						
32.0	51.0	87.9	6.8	6.9						
34.0	46.4	86.1	6.0	6.0						
36.0	41.5	84.0	5.2	5.3						
38.0	35.9	81.4	4.5	4.6						
40.0	29.5	78.3	4.0	4.1						
42.0	21.3	74.0	3.6	3.6						
Ángulo de pluma principal 75.0 [°]										
33.2	65.0	90.6		10.6						
34.0	63.5	90.2	11.0	10.6						
36.0	59.6	89.1	9.5	9.3						
38.0	55.6	87.8	8.1	8.0						
40.0	51.3	86.3	6.9	7.0						
42.0	46.8	84.5	6.1	6.2						
44.0	41.9	82.4	5.3	5.4						
46.0	36.4	79.9	4.6	4.7						
48.0	30.0	76.8	4.1	4.2						
50.0	22.0	72.7	3.7	3.8						
Ángulo de pluma principal 65.0 [°]										
48.0	55.0	83.8		7.1						
50.0	50.7	82.4	6.9	6.4						
55.0	38.5	77.2	4.9	4.9						
60.0	20.7	68.3	3.7	3.7						
61.0	16.4	65.3	3.5							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 68.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.2	78.0	98.3		21.0						
14.0	76.8	98.2	15.1	21.0						
16.0	73.5	97.6	15.1	17.4						
18.0	70.3	96.9	14.6	14.5						
20.0	66.9	96.1	13.3	12.4						
22.0	63.5	95.1	11.0	10.6						
24.0	59.9	94.0	9.4	9.2						
26.0	56.3	92.7	8.0	8.0						
28.0	52.4	91.3	6.9	7.0						
30.0	48.3	89.6	6.1	6.2						
32.0	43.9	87.6	5.4	5.5						
34.0	39.2	85.3	4.7	4.8						
36.0	33.8	82.6	4.2	4.3						
38.0	27.6	79.2	3.8	3.9						
40.0	19.5	74.6	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
21.5	73.0	97.0		15.4						
22.0	72.2	96.8	15.1	15.3						
24.0	68.9	96.1	14.3	13.5						
26.0	65.5	95.2	12.3	11.6						
28.0	62.1	94.2	10.3	10.0						
30.0	58.5	93.0	8.9	8.7						
32.0	54.7	91.7	7.6	7.6						
34.0	50.8	90.1	6.6	6.7						
36.0	46.6	88.3	5.9	5.9						
38.0	42.1	86.2	5.2	5.3						
40.0	37.1	83.8	4.6	4.7						
42.0	31.4	80.8	4.1	4.2						
44.0	24.6	77.0	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
34.5	65.0	93.3	10.8	10.5						
36.0	62.3	92.6	10.5	10.2						
38.0	58.7	91.4	8.9	8.9						
40.0	55.0	90.1	7.7	7.8						
42.0	51.1	88.5	6.7	6.8						
44.0	46.9	86.8	6.0	6.1						
46.0	42.4	84.7	5.3	5.4						
48.0	37.5	82.3	4.7	4.8						
50.0	31.9	79.3	4.2	4.3						
Ángulo de pluma principal 65.0 [°]										
49.7	55.0	86.3		6.5						
50.0	54.5	86.2	7.1	6.4						
55.0	44.1	81.8	5.5	4.9						
60.0	31.1	75.2	4.2	3.7						
64.0	15.7	65.6	3.4							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	101.3		20.8						
14.0	77.8	101.2	15.1	20.8						
16.0	74.8	100.7	15.1	19.3						
18.0	71.8	100.1	14.7	16.7						
20.0	68.7	99.3	14.0	14.4						
22.0	65.6	98.5	11.9	12.4						
24.0	62.4	97.5	10.2	10.8						
26.0	59.1	96.3	8.9	9.5						
28.0	55.7	95.0	7.8	8.4						
30.0	52.1	93.5	6.9	7.5						
32.0	48.3	91.8	6.3	6.8						
34.0	44.3	89.9	5.6	6.1						
36.0	39.9	87.6	5.1	5.5						
38.0	35.1	85.0	4.6	5.0						
40.0	29.6	81.8	4.2	4.6						
42.0	22.9	77.7	3.9	4.2						
Ángulo de pluma principal 83.0 [°]										
22.4	73.0	99.8		16.4						
24.0	70.6	99.3	14.8	15.7						
26.0	67.5	98.5	13.6	13.5						
28.0	64.3	97.6	11.8	11.7						
30.0	61.1	96.5	10.4	10.3						
32.0	57.7	95.3	9.1	9.1						
34.0	54.2	93.9	8.0	8.1						
36.0	50.6	92.4	7.1	7.3						
38.0	46.7	90.6	6.4	6.6						
40.0	42.5	88.5	5.7	5.9						
42.0	38.0	86.1	5.1	5.3						
44.0	33.0	83.3	4.7	4.8						
46.0	27.1	79.8	4.3	4.4						
48.0	19.5	75.1	3.9	4.0						
Ángulo de pluma principal 75.0 [°]										
35.7	65.0	96.0		11.2						
36.0	64.6	96.0	11.5	11.2						
38.0	61.3	94.9	10.8	10.5						
40.0	58.0	93.7	9.3	9.3						
42.0	54.5	92.3	8.2	8.2						
44.0	50.9	90.8	7.3	7.4						
46.0	47.0	89.0	6.5	6.7						
48.0	42.9	87.0	5.9	6.0						
50.0	38.4	84.6	5.3	5.4						
55.0	24.2	76.3	4.3	4.4						
Ángulo de pluma principal 65.0 [°]										
51.4	55.0	88.7		5.8						
55.0	48.4	86.0	5.6	4.8						
60.0	37.7	80.5	4.3	3.6						
65.0	23.2	71.9	3.2	2.6						
67.0	15.1	66.0	2.8							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 74.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.0	78.0	92.5	15.1	19.8						
13.0	76.0	92.2	15.1	19.5						
14.0	74.1	91.9	15.1	17.0						
16.0	70.2	91.2	14.1	13.6						
18.0	66.2	90.4	12.0	11.0						
20.0	62.1	89.4	9.3	8.9						
22.0	57.7	88.2	7.5	7.4						
24.0	53.2	86.8	6.1	6.1						
26.0	48.3	85.1	5.1	5.2						
28.0	43.1	83.1	4.4	4.4						
30.0	37.2	80.7	3.7	3.7						
32.0	30.3	77.6	3.0	3.0						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	91.2	14.0	14.3						
20.0	72.5	91.2	14.0	14.3						
22.0	68.6	90.4	12.0	12.3						
24.0	64.5	89.5	9.5	9.9						
26.0	60.3	88.5	7.7	8.2						
28.0	55.9	87.2	6.4	6.8						
30.0	51.3	85.6	5.4	5.8						
32.0	46.2	83.8	4.6	4.9						
34.0	40.8	81.7	3.9	4.2						
36.0	34.5	79.0	3.4	3.6						
38.0	27.0	75.6	2.9	3.1						
Ángulo de pluma principal 75.0 [°]										
31.9	65.0	87.9		9.3						
32.0	64.8	87.9	9.6	9.3						
34.0	60.7	86.8	8.6	8.4						
36.0	56.3	85.6	7.1	7.1						
38.0	51.6	84.1	5.9	5.9						
40.0	46.6	82.3	5.1	5.1						
42.0	41.2	80.2	4.3	4.4						
44.0	35.0	77.6	3.7	3.8						
46.0	27.7	74.2	3.2	3.3						
Ángulo de pluma principal 65.0 [°]										
46.3	55.0	81.4		5.7						
48.0	51.0	80.1	5.9	5.0						
50.0	45.9	78.3	5.0	4.3						
55.0	30.5	71.8	3.5	2.9						
58.0	15.6	64.8	2.8	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.6	78.0	95.4	15.1	17.7						
13.0	77.3	95.3	15.1	17.7						
14.0	75.6	95.0	15.1	17.0						
16.0	72.0	94.4	14.4	13.5						
18.0	68.4	93.7	11.9	11.1						
20.0	64.7	92.8	9.4	8.9						
22.0	60.9	91.7	7.5	7.4						
24.0	56.9	90.5	6.2	6.1						
26.0	52.8	89.0	5.1	5.1						
28.0	48.3	87.3	4.3	4.4						
30.0	43.5	85.4	3.6	3.7						
32.0	38.3	83.0	3.1	3.1						
34.0	32.3	80.1	2.6	2.6						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	94.1		12.7						
22.0	70.6	93.7	13.6	12.3						
24.0	66.9	92.8	10.6	10.0						
26.0	63.2	91.9	8.4	8.1						
28.0	59.3	90.7	6.9	6.9						
30.0	55.3	89.4	5.7	5.7						
32.0	51.0	87.9	4.8	4.9						
34.0	46.4	86.1	4.1	4.2						
36.0	41.5	84.0	3.5	3.6						
38.0	35.9	81.4	3.0	3.0						
40.0	29.5	78.3	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
33.2	65.0	90.6		8.1						
34.0	63.5	90.2	8.1	8.1						
36.0	59.6	89.1	7.1	7.0						
38.0	55.6	87.8	5.9	5.9						
40.0	51.3	86.3	5.0	5.0						
42.0	46.8	84.5	4.3	4.3						
44.0	41.9	82.4	3.7	3.7						
46.0	36.4	79.9	3.1	3.2						
48.0	30.0	76.8	2.7	2.8						
50.0	22.0	72.7	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
48.0	55.0	83.8		5.0						
50.0	50.7	82.4	5.0	4.3						
55.0	38.5	77.2	3.4	2.9						
60.0	21.8	68.3	2.3							
61.0	16.4	65.3	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 80.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.2	78.0	98.3		18.0						
14.0	76.8	98.2	15.1	18.0						
16.0	73.5	97.6	15.0	15.3						
18.0	70.3	96.9	13.0	12.5						
20.0	66.9	96.1	11.1	10.4						
22.0	63.5	95.1	8.9	8.6						
24.0	59.9	94.0	7.4	7.4						
26.0	56.3	92.7	6.3	6.3						
28.0	52.4	91.3	5.4	5.5						
30.0	48.3	89.6	4.7	4.7						
32.0	43.9	87.6	3.9	4.0						
34.0	39.2	85.3	3.1	3.3						
36.0	33.8	82.6	2.6	2.7						
Ángulo de pluma principal 83.0 [°]										
21.5	73.0	97.0		13.1						
22.0	72.2	96.8	13.1	13.0						
24.0	68.9	96.1	11.8	11.3						
26.0	65.5	95.2	9.9	9.5						
28.0	62.1	94.2	8.2	8.1						
30.0	58.5	93.0	7.0	7.0						
32.0	54.7	91.7	6.0	6.0						
34.0	50.8	90.1	5.2	5.3						
36.0	46.6	88.3	4.5	4.6						
38.0	42.1	86.2	3.9	4.0						
40.0	37.1	83.8	3.4	3.5						
42.0	31.4	80.8	2.9	3.0						
44.0	24.6	77.0	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
34.5	65.0	93.3	8.5	8.6						
36.0	62.3	92.6	8.4	8.3						
38.0	58.7	91.4	7.1	7.2						
40.0	55.0	90.1	6.2	6.2						
42.0	51.1	88.5	5.3	5.4						
44.0	46.9	86.8	4.7	4.8						
46.0	42.4	84.7	4.1	4.2						
48.0	37.5	82.3	3.6	3.7						
50.0	31.9	79.3	3.2	3.3						
Ángulo de pluma principal 65.0 [°]										
49.7	55.0	86.3		4.4						
50.0	54.5	86.2	5.4	4.3						
55.0	44.1	81.8	3.7	2.9						
60.0	31.7	75.2	2.3							
61.0	28.5	73.4	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 83.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	101.3		14.8						
14.0	77.8	101.2	14.5	14.8						
16.0	74.8	100.7	13.4	13.7						
18.0	71.8	100.1	11.1	11.6						
20.0	68.7	99.3	9.0	9.7						
22.0	65.6	98.5	7.4	8.0						
24.0	62.4	97.5	6.2	6.7						
26.0	59.1	96.3	5.3	5.7						
28.0	55.7	95.0	4.5	4.9						
30.0	52.1	93.5	3.9	4.2						
32.0	48.3	91.8	3.4	3.6						
34.0	44.3	89.9	2.8	3.0						
36.0	39.9	87.6	2.2	2.4						
Ángulo de pluma principal 83.0 [°]										
22.4	73.0	99.8		11.0						
24.0	70.6	99.3	9.8	10.6						
26.0	67.5	98.5	8.5	8.8						
28.0	64.3	97.6	7.2	7.4						
30.0	61.1	96.5	6.2	6.4						
32.0	57.7	95.3	5.4	5.5						
34.0	54.2	93.9	4.6	4.7						
36.0	50.6	92.4	4.0	4.1						
38.0	46.7	90.6	3.4	3.5						
40.0	42.5	88.5	2.9	3.0						
42.0	38.0	86.1	2.5	2.6						
44.0	33.0	83.3	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
35.7	65.0	96.0		7.0						
36.0	64.6	96.0	6.9	7.0						
38.0	61.3	94.9	6.5	6.6						
40.0	58.0	93.7	5.6	5.6						
42.0	54.5	92.3	4.8	4.9						
44.0	50.9	90.8	4.1	4.2						
46.0	47.0	89.0	3.6	3.7						
48.0	42.9	87.0	3.1	3.2						
50.0	38.4	84.6	2.7	2.8						
Ángulo de pluma principal 65.0 [°]										
51.4	55.0	88.7		3.8						
55.0	48.4	86.0	3.5	2.8						
60.0	38.2	80.5	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 86.5 m Plumín 43.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
14.5	78.0	104.2	13.5	13.9						
16.0	75.9	103.8	13.2	13.5						
18.0	73.1	103.2	10.4	11.0						
20.0	70.3	102.6	8.3	8.9						
22.0	67.4	101.8	6.9	7.5						
24.0	64.5	100.8	5.7	6.2						
26.0	61.5	99.8	4.8	5.2						
28.0	58.4	98.6	4.1	4.4						
30.0	55.2	97.3	3.5	3.7						
32.0	51.8	95.8	2.9	3.2						
34.0	48.3	94.0	2.5	2.7						
Ángulo de pluma principal 83.0 [°]										
23.3	73.0	102.7	9.4	9.3						
24.0	72.0	102.5	9.4	9.3						
26.0	69.1	101.8	8.0	8.0						
28.0	66.2	100.9	6.8	6.9						
30.0	63.3	99.9	5.6	5.8						
32.0	60.2	98.8	4.8	5.0						
34.0	57.1	97.6	4.1	4.2						
36.0	53.8	96.2	3.5	3.6						
38.0	50.4	94.6	3.0	3.1						
40.0	46.8	92.8	2.5	2.6						
42.0	43.0	90.8	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
37.0	65.0	98.8		5.8						
38.0	63.5	98.3	5.6	5.7						
40.0	60.5	97.2	5.0	5.1						
42.0	57.3	96.0	4.3	4.4						
44.0	54.1	94.6	3.6	3.7						
46.0	50.7	93.0	3.1	3.2						
48.0	47.1	91.2	2.7	2.8						
50.0	43.3	89.2	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
53.2	55.0	91.2		3.3						
55.0	51.9	89.9	3.3	2.8						
60.0	43.0	85.2	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.:	9842523/95738/	Pieza de articulación de pluma principal:	2821-1
Radio de descarga:	360 °	Cabeza de pluma principal:	2821-1
Valor de vuelco:	2 - Vía ancha		
Lastre trasero [t]:	94.0		
Lastre central [t]:	52.6		

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 89.5 m Plumín 46.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.1	78.0	107.1	12.3	12.8						
16.0	76.8	106.9	12.3	12.8						
18.0	74.3	106.4	10.9	10.7						
20.0	71.6	105.7	9.0	8.8						
22.0	69.0	105.0	7.3	7.3						
24.0	66.3	104.2	6.0	6.1						
26.0	63.5	103.2	5.0	5.1						
28.0	60.7	102.1	4.2	4.4						
30.0	57.7	100.9	3.6	3.7						
32.0	54.7	99.5	3.0	3.1						
34.0	51.6	98.0	2.6	2.7						
Ángulo de pluma principal 83.0 [°]										
24.1	73.0	105.6		8.4						
26.0	70.6	105.0	7.9	8.0						
28.0	67.9	104.2	6.6	6.7						
30.0	65.2	103.3	5.6	5.7						
32.0	62.4	102.3	4.7	4.9						
34.0	59.5	101.1	4.1	4.2						
36.0	56.5	99.9	3.5	3.5						
38.0	53.5	98.4	2.9	3.0						
40.0	50.3	96.8	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
38.3	65.0	101.5	5.0	5.1						
40.0	62.6	100.6	4.9	5.0						
42.0	59.7	99.5	4.1	4.2						
44.0	56.8	98.3	3.6	3.7						
46.0	53.7	96.8	3.0	3.1						
48.0	50.5	95.3	2.6	2.7						
50.0	47.2	93.5	2.2	2.3						
Ángulo de pluma principal 65.0 [°]										
54.9	55.0	93.7		2.7						
55.0	54.8	93.7	2.9	2.7						
59.0	48.6	90.4	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.7	78.0	110.1		10.8						
16.0	77.7	110.0	9.7	10.8						
18.0	75.2	109.5	9.1	10.1						
20.0	72.8	108.9	8.1	8.7						
22.0	70.3	108.2	6.8	7.1						
24.0	67.8	107.4	5.8	6.0						
26.0	65.3	106.5	4.8	5.0						
28.0	62.6	105.5	4.1	4.2						
30.0	60.0	104.4	3.4	3.6						
32.0	57.2	103.2	2.9	3.0						
34.0	54.3	101.8	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
25.0	73.0	108.5		7.4						
26.0	71.8	108.2	7.2	7.4						
28.0	69.3	107.4	6.4	6.5						
30.0	66.8	106.6	5.5	5.6						
32.0	64.2	105.7	4.6	4.7						
34.0	61.6	104.6	3.9	4.0						
36.0	58.8	103.4	3.3	3.5						
38.0	56.0	102.1	2.8	2.9						
40.0	53.1	100.7	2.4	2.4						
Ángulo de pluma principal 75.0 [°]										
39.5	65.0	104.2		4.4						
40.0	64.4	104.0	4.3	4.4						
42.0	61.8	103.0	4.0	4.2						
44.0	59.0	101.8	3.4	3.5						
46.0	56.3	100.5	2.9	3.0						
48.0	53.4	99.1	2.5	2.5						
Ángulo de pluma principal 65.0 [°]										
56.6	55.0	96.1		2.2						
59.0	51.7	94.4	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
59.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 95.5 m Plumín 52.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
16.3	78.0	113.0		8.7						
18.0	76.1	112.6	7.5	8.5						
20.0	73.8	112.1	6.6	7.5						
22.0	71.5	111.4	5.7	6.3						
24.0	69.2	110.7	5.0	5.3						
26.0	66.8	109.8	4.3	4.4						
28.0	64.3	108.9	3.5	3.6						
30.0	61.9	107.9	2.9	3.1						
32.0	59.3	106.7	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
25.9	73.0	111.3		6.2						
26.0	72.9	111.3	5.6	6.2						
28.0	70.6	110.6	5.4	5.9						
30.0	68.2	109.9	4.7	4.9						
32.0	65.8	109.0	4.0	4.1						
34.0	63.3	108.0	3.4	3.4						
36.0	60.8	106.9	2.8	2.9						
38.0	58.3	105.7	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
40.8	65.0	106.9		3.4						
42.0	63.5	106.4	3.3	3.4						
44.0	61.0	105.3	2.9	3.0						
46.0	58.5	104.1	2.4	2.5						
48.0	55.8	102.8	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.3	78.0	77.9		30.1						
9.0	74.9	77.7	15.1	28.6						
10.0	70.3	77.3	15.1	21.2						
11.0	65.4	76.9	15.1	16.4						
12.0	60.4	76.3	14.5	13.3						
13.0	55.0	75.6	12.1	11.0						
14.0	49.2	74.8	10.4	9.5						
16.0	35.3	72.5	7.4	7.1						
Ángulo de pluma principal 83.0 [°]										
14.9	73.0	77.0	15.1	24.0						
16.0	67.6	76.6	15.1	18.2						
18.0	57.4	75.4	13.1	11.9						
20.0	45.7	73.7	9.4	8.7						
22.0	30.4	71.1	6.9	6.7						
Ángulo de pluma principal 75.0 [°]										
25.1	65.0	74.5		15.1						
26.0	60.4	74.0	14.6	13.1						
28.0	49.2	72.5	10.2	9.3						
30.0	35.3	70.2	7.4	7.1						
Ángulo de pluma principal 65.0 [°]										
37.2	55.0	69.3		10.5						
38.0	50.5	68.8	10.5	9.6						
40.0	37.1	66.6	7.5	7.2						
Ángulo de pluma principal 45.0 [°]										
57.9	35.0	53.2		2.5						
59.0	24.4	51.5	2.7	2.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.0	78.0	80.8	15.1	30.1						
10.0	74.1	80.5	15.1	28.2						
11.0	70.3	80.1	15.1	21.8						
12.0	66.4	79.7	15.1	17.8						
13.0	62.4	79.2	15.1	14.9						
14.0	58.2	78.6	13.6	12.9						
16.0	49.0	77.0	10.6	10.0						
18.0	38.1	74.8	8.2	8.0						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	79.9		24.2						
16.0	72.0	79.8	15.1	24.1						
18.0	64.2	78.9	15.1	15.9						
20.0	55.7	77.7	12.6	11.8						
22.0	46.2	76.0	9.8	9.3						
24.0	34.6	73.5	7.6	7.6						
Ángulo de pluma principal 75.0 [°]										
26.4	65.0	77.2	15.1	15.7						
28.0	58.2	76.3	14.1	12.8						
30.0	49.0	74.7	10.4	9.9						
32.0	38.2	72.5	8.1	7.9						
Ángulo de pluma principal 65.0 [°]										
38.9	55.0	71.8		11.1						
40.0	50.1	71.0	10.6	10.0						
42.0	39.5	68.9	8.2	8.0						
44.0	25.1	65.7	6.8	6.7						
Ángulo de pluma principal 45.0 [°]										
60.6	35.0	54.9	2.2							
61.0	32.0	54.2	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.0	78.0	80.8		30.1						
10.0	74.3	80.5	15.1	30.1						
11.0	70.5	80.2	15.1	29.6						
12.0	66.6	79.7	15.1	25.5						
13.0	62.6	79.2	15.1	21.1						
14.0	58.4	78.6	15.1	18.0						
16.0	49.2	77.1	14.9	13.8						
18.0	38.4	74.9	11.8	11.0						
Ángulo de pluma principal 83.0 [°]										
15.8	73.0	79.9		30.1						
16.0	72.2	79.8	15.1	30.1						
18.0	64.4	79.0	15.1	22.6						
20.0	56.0	77.7	15.1	16.5						
22.0	46.5	76.0	13.7	12.9						
24.0	34.9	73.6	11.0	10.4						
Ángulo de pluma principal 75.0 [°]										
26.4	65.0	77.2		21.8						
28.0	58.4	76.3	15.1	17.7						
30.0	49.3	74.8	14.3	13.6						
32.0	38.4	72.6	11.0	10.8						
Ángulo de pluma principal 65.0 [°]										
39.0	55.0	71.8		10.5						
40.0	50.3	71.1	11.5	9.9						
42.0	39.7	69.0	10.4	8.7						
44.0	25.4	65.8	9.0	7.6						
45.0	17.1	63.0	8.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	83.7	15.1	30.1						
10.0	76.7	83.6	15.1	30.1						
11.0	73.6	83.3	15.1	26.5						
12.0	70.4	83.0	15.1	21.8						
13.0	67.1	82.6	15.1	18.6						
14.0	63.7	82.1	15.1	16.0						
16.0	56.6	80.8	13.0	12.6						
18.0	48.9	79.3	10.6	10.3						
20.0	39.9	77.1	8.6	8.5						
22.0	28.6	74.1	7.2	7.3						
Ángulo de pluma principal 83.0 [°]										
16.6	73.0	82.7	15.1	23.7						
18.0	68.6	82.2	15.1	19.7						
20.0	61.8	81.3	14.6	14.9						
22.0	54.6	79.9	11.5	11.8						
24.0	46.5	78.2	9.3	9.8						
26.0	37.1	75.9	7.7	8.2						
28.0	24.6	72.5	6.5	7.0						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	79.9	15.1	15.9						
28.0	63.8	79.8	15.1	15.9						
30.0	56.7	78.6	13.2	12.5						
32.0	48.9	77.0	10.4	10.3						
34.0	40.0	74.8	8.4	8.5						
36.0	28.7	71.8	7.1	7.3						
Ángulo de pluma principal 65.0 [°]										
40.7	55.0	74.3	11.4	11.5						
42.0	49.8	73.3	11.4	10.4						
44.0	41.0	71.2	9.1	8.7						
46.0	30.1	68.4	7.6	7.5						
47.0	22.8	66.3	7.0	6.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	83.7		30.1						
10.0	76.9	83.7	15.1	30.1						
11.0	73.7	83.4	15.1	30.1						
12.0	70.5	83.0	15.1	28.9						
13.0	67.3	82.6	15.1	25.9						
14.0	63.9	82.1	15.1	22.1						
16.0	56.8	80.9	15.1	17.1						
18.0	49.1	79.3	14.8	13.7						
20.0	40.1	77.2	12.0	11.2						
22.0	28.9	74.2	9.9	9.3						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	82.8	15.1	30.1						
18.0	68.7	82.3	15.1	27.4						
20.0	62.0	81.3	15.1	20.4						
22.0	54.8	80.0	15.1	15.9						
24.0	46.7	78.3	13.8	12.9						
26.0	37.3	76.0	11.4	10.6						
28.0	24.9	72.6	9.4	8.9						
Ángulo de pluma principal 75.0 [°]										
27.7	65.0	79.9		21.7						
28.0	63.9	79.8	15.1	21.6						
30.0	56.9	78.6	15.1	17.0						
32.0	49.1	77.0	15.1	13.7						
34.0	40.2	74.9	12.2	11.3						
36.0	28.9	71.9	10.1	9.5						
Ángulo de pluma principal 65.0 [°]										
40.7	55.0	74.3		9.4						
42.0	50.0	73.3	10.1	8.7						
44.0	41.2	71.3	9.1	7.7						
46.0	30.3	68.4	8.2	6.8						
48.0	15.5	63.4	7.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	86.7	15.1	29.1						
11.0	75.9	86.5	15.1	26.8						
12.0	73.1	86.2	15.1	22.4						
13.0	70.4	85.8	15.1	18.9						
14.0	67.6	85.4	14.8	16.6						
16.0	61.7	84.4	13.9	13.1						
18.0	55.5	83.1	11.0	10.6						
20.0	48.8	81.5	8.9	8.9						
22.0	41.2	79.4	7.4	7.6						
24.0	32.1	76.7	6.3	6.5						
Ángulo de pluma principal 83.0 [°]										
17.5	73.0	85.6		20.6						
18.0	71.6	85.5	15.1	20.3						
20.0	66.0	84.6	14.9	15.4						
22.0	60.0	83.6	13.9	12.3						
24.0	53.7	82.2	10.8	10.1						
26.0	46.8	80.5	8.9	8.5						
28.0	38.8	78.2	7.4	7.2						
30.0	29.1	75.2	6.3	6.3						
Ángulo de pluma principal 75.0 [°]										
28.9	65.0	82.6		13.9						
30.0	61.8	82.1	14.9	13.0						
32.0	55.5	80.8	11.6	10.6						
34.0	48.8	79.2	9.4	8.9						
36.0	41.2	77.1	7.8	7.5						
38.0	32.1	74.4	6.6	6.6						
Ángulo de pluma principal 65.0 [°]										
42.4	55.0	76.7		10.0						
44.0	49.6	75.5	9.5	9.0						
46.0	42.1	73.5	7.9	7.7						
48.0	33.2	70.8	6.7	6.6						
50.0	21.0	66.9	5.8	5.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	86.7	15.1	30.1						
11.0	76.0	86.5	15.1	30.1						
12.0	73.3	86.2	15.1	29.5						
13.0	70.5	85.8	15.1	26.1						
14.0	67.7	85.4	15.1	23.1						
16.0	61.9	84.4	15.1	17.8						
18.0	55.7	83.1	14.2	14.4						
20.0	48.9	81.5	13.2	12.0						
22.0	41.4	79.5	10.7	10.0						
24.0	32.3	76.7	8.7	8.5						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	85.6	15.1	28.6						
18.0	71.8	85.5	15.1	28.4						
20.0	66.1	84.7	15.1	21.3						
22.0	60.2	83.6	14.8	16.7						
24.0	53.9	82.2	12.9	13.6						
26.0	46.9	80.5	11.0	11.4						
28.0	39.0	78.3	9.1	9.6						
30.0	29.3	75.3	7.7	8.2						
Ángulo de pluma principal 75.0 [°]										
29.0	65.0	82.6	15.1	18.9						
30.0	61.9	82.1	15.1	17.7						
32.0	55.7	80.9	14.4	14.3						
34.0	49.0	79.2	13.0	12.0						
36.0	41.4	77.2	10.6	10.1						
38.0	32.3	74.4	8.8	8.6						
Ángulo de pluma principal 65.0 [°]										
42.4	55.0	76.7		8.6						
44.0	49.7	75.6	9.1	7.8						
46.0	42.3	73.5	8.2	7.0						
48.0	33.4	70.9	7.4	6.2						
50.0	21.3	67.0	6.6	5.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	89.6		25.7						
11.0	77.6	89.6	15.1	25.7						
12.0	75.2	89.3	15.1	22.6						
13.0	72.8	89.0	15.1	19.4						
14.0	70.4	88.6	15.1	16.9						
16.0	65.4	87.8	13.8	13.4						
18.0	60.2	86.7	12.1	11.1						
20.0	54.7	85.4	9.7	9.2						
22.0	48.7	83.7	8.0	7.9						
24.0	42.1	81.7	6.8	6.8						
26.0	34.4	79.1	5.9	5.9						
28.0	24.7	75.5	5.2	5.2						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	88.5	15.1	18.2						
20.0	69.0	87.9	15.1	15.7						
22.0	64.0	87.0	13.5	12.6						
24.0	58.7	85.8	11.4	10.5						
26.0	53.1	84.4	9.1	8.8						
28.0	46.9	82.7	7.7	7.6						
30.0	40.1	80.5	6.6	6.5						
32.0	32.0	77.7	5.7	5.7						
34.0	21.2	73.7	5.0	5.0						
Ángulo de pluma principal 75.0 [°]										
30.2	65.0	85.4		12.4						
32.0	60.2	84.4	11.2	10.9						
34.0	54.7	83.1	9.1	9.2						
36.0	48.7	81.4	7.7	7.9						
38.0	42.1	79.4	6.5	6.8						
40.0	34.5	76.8	5.7	5.9						
42.0	24.7	73.2	5.0	5.2						
Ángulo de pluma principal 65.0 [°]										
44.1	55.0	79.2		8.9						
46.0	49.4	77.7	8.1	7.9						
48.0	42.9	75.8	6.9	6.9						
50.0	35.4	73.2	6.0	6.0						
53.0	19.6	67.4	4.9	5.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.5	78.0	92.5	15.1	30.1						
12.0	76.8	92.4	15.1	30.1						
13.0	74.7	92.1	15.1	29.3						
14.0	72.6	91.8	15.1	27.1						
16.0	68.2	91.1	15.1	21.9						
18.0	63.7	90.1	15.1	18.2						
20.0	59.0	89.0	14.5	15.6						
22.0	54.0	87.6	13.3	13.6						
24.0	48.6	86.0	12.3	12.2						
26.0	42.8	84.0	10.8	10.9						
28.0	36.2	81.5	9.5	9.8						
30.0	28.2	78.2	8.7	9.0						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	91.3	15.1	25.6						
20.0	71.4	91.1	15.1	25.3						
22.0	67.0	90.3	15.1	20.7						
24.0	62.4	89.3	15.1	17.3						
26.0	57.6	88.1	14.4	15.0						
28.0	52.5	86.7	13.6	13.2						
30.0	47.1	84.9	12.3	11.8						
32.0	41.1	82.8	10.8	10.6						
34.0	34.1	80.2	9.7	9.6						
36.0	25.5	76.6	8.8	8.8						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	88.1		17.9						
32.0	63.7	87.8	15.1	17.8						
34.0	59.0	86.7	15.1	15.5						
36.0	54.0	85.3	14.0	13.6						
38.0	48.7	83.7	12.9	12.1						
40.0	42.8	81.7	11.3	10.9						
42.0	36.2	79.2	10.0	9.8						
44.0	28.2	76.0	9.1	9.1						
Ángulo de pluma principal 65.0 [°]										
45.8	55.0	81.6		9.6						
46.0	54.6	81.6	10.6	9.6						
48.0	49.3	80.0	9.9	8.8						
50.0	43.5	78.0	9.2	8.1						
55.0	24.4	70.5	7.7	6.6						
56.0	18.4	67.9	7.4	6.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	83.7	15.1	30.1						
10.0	76.7	83.6	15.1	30.1						
11.0	73.6	83.3	15.1	30.1						
12.0	70.4	83.0	15.1	26.6						
13.0	67.1	82.6	15.1	23.3						
14.0	63.7	82.1	15.1	20.0						
16.0	56.6	80.8	14.9	15.7						
18.0	48.9	79.3	14.4	12.8						
20.0	39.9	77.1	11.3	10.4						
22.0	28.6	74.1	9.2	8.8						
Ángulo de pluma principal 83.0 [°]										
16.6	73.0	82.7		28.6						
18.0	68.6	82.2	15.1	24.7						
20.0	61.8	81.3	15.1	18.5						
22.0	54.6	79.9	14.3	14.6						
24.0	46.5	78.2	12.6	12.0						
26.0	37.1	75.9	10.0	9.9						
28.0	24.6	72.5	8.4	8.5						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	79.9		19.4						
28.0	63.8	79.8	15.1	19.3						
30.0	56.7	78.6	15.0	15.6						
32.0	48.9	77.0	14.2	12.8						
34.0	40.0	74.8	11.3	10.5						
36.0	28.7	71.8	9.4	9.0						
Ángulo de pluma principal 65.0 [°]										
40.7	55.0	74.3		9.8						
42.0	49.8	73.3	11.1	9.0						
44.0	41.0	71.2	10.1	8.0						
46.0	30.1	68.4	9.1	7.1						
47.0	22.8	66.3	8.6	6.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 53.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	86.7	15.1	30.1						
11.0	75.9	86.5	15.1	30.1						
12.0	73.1	86.2	15.1	25.6						
13.0	70.4	85.8	15.1	21.6						
14.0	67.6	85.4	15.1	18.9						
16.0	61.7	84.4	15.1	14.7						
18.0	55.5	83.1	12.3	11.9						
20.0	48.8	81.5	9.9	9.9						
22.0	41.2	79.4	8.1	8.2						
24.0	32.1	76.7	6.7	6.9						
Ángulo de pluma principal 83.0 [°]										
17.5	73.0	85.6		22.9						
18.0	71.6	85.5	15.1	22.7						
20.0	66.0	84.6	15.1	17.4						
22.0	60.0	83.6	14.9	13.9						
24.0	53.7	82.2	12.0	11.2						
26.0	46.8	80.5	9.9	9.4						
28.0	38.8	78.2	8.0	7.8						
30.0	29.1	75.2	6.7	6.7						
Ángulo de pluma principal 75.0 [°]										
28.9	65.0	82.6		15.4						
30.0	61.8	82.1	15.1	14.7						
32.0	55.5	80.8	13.2	11.9						
34.0	48.8	79.2	10.6	9.9						
36.0	41.2	77.1	8.6	8.3						
38.0	32.1	74.4	7.2	7.1						
Ángulo de pluma principal 65.0 [°]										
42.4	55.0	76.7		8.9						
44.0	49.6	75.5	9.9	8.1						
46.0	42.1	73.5	8.8	7.2						
48.0	33.2	70.8	7.4	6.4						
50.0	21.0	66.9	6.4	5.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	89.6		28.1						
11.0	77.6	89.6	15.1	28.1						
12.0	75.2	89.3	15.1	25.6						
13.0	72.8	89.0	15.1	22.1						
14.0	70.4	88.6	15.1	19.1						
16.0	65.4	87.8	14.1	15.2						
18.0	60.2	86.7	12.8	12.6						
20.0	54.7	85.4	10.5	10.5						
22.0	48.7	83.7	8.8	9.0						
24.0	42.1	81.7	7.5	7.8						
26.0	34.4	79.1	6.5	6.8						
28.0	24.7	75.5	5.7	5.9						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	88.5	15.1	20.3						
20.0	69.0	87.9	15.1	17.8						
22.0	64.0	87.0	14.2	14.3						
24.0	58.7	85.8	12.6	11.9						
26.0	53.1	84.4	10.4	10.0						
28.0	46.9	82.7	8.9	8.7						
30.0	40.1	80.5	7.5	7.5						
32.0	32.0	77.7	6.5	6.6						
34.0	21.2	73.7	5.7	5.8						
Ángulo de pluma principal 75.0 [°]										
30.2	65.0	85.4		13.9						
32.0	60.2	84.4	12.7	12.5						
34.0	54.7	83.1	10.5	10.5						
36.0	48.7	81.4	8.8	9.1						
38.0	42.1	79.4	7.6	7.8						
40.0	34.5	76.8	6.6	6.8						
42.0	24.7	73.2	5.8	6.0						
Ángulo de pluma principal 65.0 [°]										
44.1	55.0	79.2		8.2						
46.0	49.4	77.7	8.9	7.4						
48.0	42.9	75.8	7.9	6.6						
50.0	35.4	73.2	6.9	5.9						
53.0	19.6	67.4	5.7	4.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.5	78.0	92.5	15.1	25.9						
12.0	76.8	92.4	15.1	25.9						
13.0	74.7	92.1	15.1	22.9						
14.0	72.6	91.8	15.1	20.1						
16.0	68.2	91.1	15.0	16.0						
18.0	63.7	90.1	13.0	13.1						
20.0	59.0	89.0	11.2	11.0						
22.0	54.0	87.6	9.2	9.2						
24.0	48.6	86.0	7.7	7.9						
26.0	42.8	84.0	6.6	6.8						
28.0	36.2	81.5	5.7	5.9						
30.0	28.2	78.2	5.0	5.2						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	91.3	15.1	18.7						
20.0	71.4	91.1	15.1	18.5						
22.0	67.0	90.3	15.0	15.1						
24.0	62.4	89.3	13.1	12.4						
26.0	57.6	88.1	11.0	10.5						
28.0	52.5	86.7	9.0	8.9						
30.0	47.1	84.9	7.7	7.7						
32.0	41.1	82.8	6.6	6.6						
34.0	34.1	80.2	5.7	5.7						
36.0	25.5	76.6	5.0	5.1						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	88.1		12.8						
32.0	63.7	87.8	13.0	12.7						
34.0	59.0	86.7	11.0	10.9						
36.0	54.0	85.3	9.2	9.3						
38.0	48.7	83.7	7.8	8.1						
40.0	42.8	81.7	6.7	6.9						
42.0	36.2	79.2	5.8	6.0						
44.0	28.2	76.0	5.1	5.4						
Ángulo de pluma principal 65.0 [°]										
45.8	55.0	81.6		7.4						
46.0	54.6	81.6	8.7	7.3						
48.0	49.3	80.0	7.9	6.5						
50.0	43.5	78.0	7.1	5.9						
55.0	24.4	70.5	5.1	4.4						
56.0	18.4	67.9	4.8	4.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 62.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	95.5	15.1	23.6						
13.0	76.2	95.2	15.1	23.2						
14.0	74.3	95.0	15.1	20.2						
16.0	70.4	94.3	15.1	16.1						
18.0	66.4	93.5	13.9	13.4						
20.0	62.3	92.5	11.8	11.2						
22.0	58.0	91.3	10.0	9.6						
24.0	53.4	89.9	8.3	8.1						
26.0	48.6	88.2	7.0	7.1						
28.0	43.3	86.2	6.1	6.1						
30.0	37.5	83.8	5.3	5.3						
32.0	30.7	80.8	4.6	4.7						
34.0	22.0	76.7	4.1	4.1						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	94.2		17.0						
22.0	69.3	93.6	15.1	15.2						
24.0	65.3	92.7	13.7	12.7						
26.0	61.1	91.6	11.4	10.8						
28.0	56.7	90.4	9.5	9.1						
30.0	52.1	88.9	7.9	7.9						
32.0	47.2	87.2	6.9	6.9						
34.0	41.8	85.1	5.9	6.0						
36.0	35.7	82.6	5.1	5.2						
38.0	28.5	79.3	4.6	4.6						
Ángulo de pluma principal 75.0 [°]										
32.7	65.0	90.8		11.6						
34.0	62.3	90.2	10.8	11.2						
36.0	58.0	89.0	9.0	9.6						
38.0	53.5	87.6	7.7	8.2						
40.0	48.6	85.9	6.7	7.2						
42.0	43.4	83.9	5.8	6.3						
44.0	37.5	81.5	5.1	5.5						
46.0	30.7	78.5	4.5	4.9						
48.0	22.0	74.5	4.0	4.3						
Ángulo de pluma principal 65.0 [°]										
47.5	55.0	84.1		6.8						
48.0	54.0	83.8	7.9	6.7						
50.0	49.2	82.2	7.1	6.0						
55.0	35.0	76.6	5.2	4.5						
59.0	17.4	68.4	4.1	3.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.7	78.0	98.4	15.1	21.3						
13.0	77.5	98.3	15.1	21.3						
14.0	75.7	98.1	15.1	20.5						
16.0	72.2	97.5	15.1	16.4						
18.0	68.6	96.7	14.9	13.7						
20.0	64.9	95.8	12.3	11.4						
22.0	61.1	94.8	10.2	9.8						
24.0	57.1	93.5	8.6	8.4						
26.0	53.0	92.1	7.2	7.2						
28.0	48.6	90.4	6.2	6.3						
30.0	43.8	88.5	5.4	5.5						
32.0	38.6	86.1	4.7	4.8						
34.0	32.6	83.3	4.1	4.3						
36.0	25.4	79.7	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
21.0	73.0	97.1		15.6						
22.0	71.2	96.8	15.1	15.4						
24.0	67.6	96.0	13.9	12.9						
26.0	63.9	95.0	11.6	10.9						
28.0	60.0	93.9	9.8	9.4						
30.0	56.0	92.7	8.2	8.1						
32.0	51.8	91.2	7.0	7.0						
34.0	47.3	89.4	6.1	6.2						
36.0	42.4	87.4	5.3	5.4						
38.0	37.0	84.9	4.6	4.7						
40.0	30.8	81.9	4.1	4.2						
42.0	23.0	77.9	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
34.0	65.0	93.5		10.6						
36.0	61.1	92.5	9.7	9.8						
38.0	57.2	91.2	8.2	8.5						
40.0	53.0	89.8	7.0	7.3						
42.0	48.6	88.1	6.2	6.5						
44.0	43.8	86.2	5.4	5.6						
46.0	38.6	83.9	4.7	4.9						
48.0	32.6	81.0	4.2	4.4						
50.0	25.4	77.4	3.8	3.9						
Ángulo de pluma principal 65.0 [°]										
49.3	55.0	86.6		6.1						
50.0	53.5	86.1	6.9	5.8						
55.0	41.8	81.4	5.2	4.4						
60.0	26.3	73.9	3.9	3.3						
62.0	16.6	68.9	3.4	2.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 68.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.3	78.0	101.3		20.7						
14.0	76.9	101.2	15.1	20.7						
16.0	73.7	100.6	15.1	17.4						
18.0	70.4	99.9	14.6	14.5						
20.0	67.1	99.1	13.4	12.4						
22.0	63.7	98.2	11.0	10.6						
24.0	60.1	97.1	9.4	9.3						
26.0	56.4	95.8	8.1	8.0						
28.0	52.6	94.4	7.0	7.0						
30.0	48.5	92.7	6.1	6.2						
32.0	44.2	90.7	5.4	5.5						
34.0	39.4	88.4	4.7	4.9						
36.0	34.1	85.7	4.2	4.3						
38.0	27.9	82.4	3.8	3.9						
40.0	20.0	77.9	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
21.9	73.0	100.0	15.1	15.3						
22.0	72.8	99.9	15.1	15.2						
24.0	69.5	99.2	14.4	13.9						
26.0	66.2	98.4	12.7	11.9						
28.0	62.7	97.4	10.6	10.2						
30.0	59.1	96.2	9.1	8.9						
32.0	55.4	94.9	7.8	7.7						
34.0	51.5	93.4	6.8	6.8						
36.0	47.4	91.7	6.0	6.1						
38.0	42.9	89.6	5.3	5.4						
40.0	38.0	87.2	4.7	4.8						
42.0	32.5	84.4	4.2	4.3						
44.0	26.0	80.8	3.8	3.9						
Ángulo de pluma principal 75.0 [°]										
35.2	65.0	96.2		10.4						
36.0	63.7	95.9	10.6	10.3						
38.0	60.1	94.8	9.4	9.3						
40.0	56.5	93.5	8.1	8.2						
42.0	52.6	92.1	7.1	7.1						
44.0	48.6	90.4	6.3	6.4						
46.0	44.2	88.4	5.5	5.6						
48.0	39.5	86.2	4.9	5.0						
50.0	34.2	83.4	4.4	4.5						
Ángulo de pluma principal 65.0 [°]										
51.0	55.0	89.0		5.5						
55.0	46.9	85.8	5.2	4.4						
60.0	34.8	79.9	3.9	3.2						
65.0	15.8	69.3	2.8	2.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.9	78.0	104.3		20.3						
14.0	77.9	104.3	15.1	20.3						
16.0	75.0	103.7	15.1	19.0						
18.0	72.0	103.1	14.7	16.6						
20.0	68.9	102.4	13.9	14.4						
22.0	65.8	101.5	12.0	12.4						
24.0	62.6	100.5	10.2	10.8						
26.0	59.3	99.4	9.0	9.6						
28.0	55.9	98.1	7.9	8.4						
30.0	52.3	96.6	7.0	7.5						
32.0	48.5	94.9	6.3	6.8						
34.0	44.5	93.0	5.7	6.1						
36.0	40.2	90.7	5.1	5.5						
38.0	35.4	88.1	4.6	5.0						
40.0	29.9	85.0	4.2	4.6						
42.0	23.3	80.9	3.9	4.2						
Ángulo de pluma principal 83.0 [°]										
22.8	73.0	102.8	14.9	16.0						
24.0	71.1	102.4	14.8	15.9						
26.0	68.1	101.7	13.6	13.7						
28.0	64.9	100.8	12.0	11.9						
30.0	61.7	99.7	10.5	10.5						
32.0	58.3	98.5	9.3	9.3						
34.0	54.9	97.2	8.1	8.2						
36.0	51.3	95.6	7.2	7.4						
38.0	47.4	93.9	6.5	6.7						
40.0	43.3	91.9	5.8	6.0						
42.0	38.9	89.5	5.2	5.4						
44.0	34.0	86.8	4.7	4.9						
46.0	28.2	83.4	4.3	4.5						
48.0	21.1	79.1	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
36.5	65.0	98.9		11.1						
38.0	62.6	98.2	11.3	11.0						
40.0	59.3	97.1	9.7	9.7						
42.0	55.9	95.8	8.5	8.6						
44.0	52.3	94.3	7.5	7.7						
46.0	48.5	92.6	6.8	6.9						
48.0	44.5	90.7	6.1	6.3						
50.0	40.2	88.4	5.5	5.6						
55.0	26.8	80.8	4.4	4.5						
Ángulo de pluma principal 65.0 [°]										
52.7	55.0	91.5		4.8						
55.0	50.8	89.8	4.9	4.2						
60.0	40.7	84.8	3.7	3.1						
65.0	27.6	77.3	2.6	2.2						
68.0	16.5	69.7	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 74.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	95.5	15.1	19.5						
13.0	76.2	95.2	15.1	19.5						
14.0	74.3	95.0	15.1	17.1						
16.0	70.4	94.3	13.6	13.6						
18.0	66.4	93.5	11.3	11.1						
20.0	62.3	92.5	8.8	9.0						
22.0	58.0	91.3	7.2	7.4						
24.0	53.4	89.9	5.9	6.1						
26.0	48.6	88.2	5.0	5.2						
28.0	43.3	86.2	4.2	4.4						
30.0	37.5	83.8	3.6	3.7						
32.0	30.7	80.8	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	94.2		14.2						
22.0	69.3	93.6	13.4	12.7						
24.0	65.3	92.7	10.4	10.3						
26.0	61.1	91.6	8.3	8.4						
28.0	56.7	90.4	6.8	7.0						
30.0	52.1	88.9	5.7	5.9						
32.0	47.2	87.2	4.9	5.1						
34.0	41.8	85.1	4.2	4.3						
36.0	35.7	82.6	3.5	3.7						
38.0	28.5	79.3	3.0	3.1						
Ángulo de pluma principal 75.0 [°]										
32.7	65.0	90.8		9.2						
34.0	62.3	90.2	8.9	9.0						
36.0	58.0	89.0	7.2	7.5						
38.0	53.5	87.6	6.1	6.3						
40.0	48.6	85.9	5.2	5.4						
42.0	43.4	83.9	4.4	4.6						
44.0	37.5	81.5	3.8	4.0						
46.0	30.7	78.5	3.3	3.5						
48.0	22.0	74.5	2.9	3.0						
Ángulo de pluma principal 65.0 [°]										
47.5	55.0	84.1		4.7						
48.0	54.0	83.8	5.7	4.6						
50.0	49.2	82.2	4.9	3.9						
55.0	35.0	76.6	3.2	2.4						
59.0	18.9	68.4	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
62.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.7	78.0	98.4	15.1	17.5						
13.0	77.5	98.3	15.1	17.5						
14.0	75.7	98.1	15.1	17.0						
16.0	72.2	97.5	14.2	13.6						
18.0	68.6	96.7	11.2	11.1						
20.0	64.9	95.8	8.9	9.0						
22.0	61.1	94.8	7.1	7.4						
24.0	57.1	93.5	5.9	6.2						
26.0	53.0	92.1	4.9	5.1						
28.0	48.6	90.4	4.2	4.4						
30.0	43.8	88.5	3.5	3.7						
32.0	38.6	86.1	3.0	3.1						
34.0	32.6	83.3	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
21.0	73.0	97.1		12.6						
22.0	71.2	96.8	13.6	12.5						
24.0	67.6	96.0	10.8	10.2						
26.0	63.9	95.0	8.6	8.4						
28.0	60.0	93.9	7.1	7.0						
30.0	56.0	92.7	5.9	5.9						
32.0	51.8	91.2	4.9	5.0						
34.0	47.3	89.4	4.2	4.3						
36.0	42.4	87.4	3.6	3.6						
38.0	37.0	84.9	3.0	3.1						
40.0	30.8	81.9	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
34.0	65.0	93.5		8.1						
36.0	61.1	92.5	7.3	7.5						
38.0	57.2	91.2	6.1	6.3						
40.0	53.0	89.8	5.1	5.3						
42.0	48.6	88.1	4.4	4.6						
44.0	43.8	86.2	3.8	3.9						
46.0	38.6	83.9	3.2	3.3						
48.0	32.6	81.0	2.8	2.9						
50.0	25.4	77.4	2.4	2.5						
Ángulo de pluma principal 65.0 [°]										
49.3	55.0	86.6		4.0						
50.0	53.5	86.1	4.7	3.8						
55.0	41.8	81.4	3.1	2.4						
58.0	33.9	77.5	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.4	78.0	80.8		30.1						
9.0	75.4	80.7	15.1	28.9						
10.0	70.8	80.4	15.1	21.8						
11.0	65.9	79.9	15.1	16.7						
12.0	60.9	79.4	14.8	13.5						
13.0	55.6	78.7	12.3	11.2						
14.0	49.8	77.9	10.5	9.6						
16.0	36.1	75.6	7.5	7.2						
Ángulo de pluma principal 83.0 [°]										
15.2	73.0	80.0		23.8						
16.0	69.4	79.7	15.1	19.8						
18.0	59.4	78.7	14.1	12.7						
20.0	48.0	77.1	10.0	9.1						
22.0	33.7	74.7	7.2	7.0						
Ángulo de pluma principal 75.0 [°]										
25.9	65.0	77.4		15.0						
26.0	64.4	77.4	15.1	15.0						
28.0	53.8	76.1	11.8	10.5						
30.0	41.3	74.1	8.3	7.8						
Ángulo de pluma principal 65.0 [°]										
38.5	55.0	72.1		10.5						
40.0	46.0	70.8	9.1	8.6						
42.0	30.8	68.2	6.8	6.6						
43.0	19.0	66.0	6.1	5.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.1	78.0	83.8	15.1	30.1						
10.0	74.5	83.5	15.1	28.3						
11.0	70.7	83.2	15.1	22.3						
12.0	66.8	82.8	15.1	18.1						
13.0	62.8	82.2	15.1	15.1						
14.0	58.6	81.6	13.8	13.1						
16.0	49.5	80.1	10.7	10.1						
18.0	38.8	78.0	8.3	8.1						
Ángulo de pluma principal 83.0 [°]										
16.1	73.0	82.9		24.0						
18.0	65.7	82.1	15.1	17.0						
20.0	57.3	80.9	13.2	12.4						
22.0	48.1	79.3	10.3	9.7						
24.0	37.0	77.0	7.9	7.8						
Ángulo de pluma principal 75.0 [°]										
27.1	65.0	80.1		15.6						
28.0	61.5	79.7	15.0	14.2						
30.0	52.7	78.3	11.6	10.7						
32.0	42.7	76.4	8.9	8.6						
34.0	29.8	73.6	7.2	7.2						
Ángulo de pluma principal 65.0 [°]										
40.2	55.0	74.5		11.0						
42.0	46.4	73.1	9.6	9.2						
44.0	34.9	70.7	7.5	7.5						
46.0	16.8	66.5	6.3	6.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.7	78.0	86.7	15.1	30.1						
10.0	77.0	86.6	15.1	30.1						
11.0	73.9	86.4	15.1	26.9						
12.0	70.7	86.0	15.1	22.0						
13.0	67.4	85.6	15.1	18.8						
14.0	64.1	85.1	15.1	16.2						
16.0	57.0	83.9	13.5	12.7						
18.0	49.3	82.4	11.5	10.4						
20.0	40.4	80.3	9.2	8.6						
22.0	29.3	77.3	7.6	7.3						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	85.7	15.1	23.5						
18.0	69.7	85.4	15.1	20.9						
20.0	63.1	84.4	14.6	15.5						
22.0	55.9	83.2	12.0	12.3						
24.0	48.1	81.6	9.7	10.1						
26.0	39.0	79.4	8.0	8.4						
28.0	27.3	76.2	6.8	7.2						
Ángulo de pluma principal 75.0 [°]										
28.4	65.0	82.8		15.8						
30.0	59.5	82.0	13.4	13.6						
32.0	52.0	80.5	10.5	11.0						
34.0	43.6	78.6	8.6	9.1						
36.0	33.5	76.1	7.2	7.8						
Ángulo de pluma principal 65.0 [°]										
41.9	55.0	77.0		11.1						
42.0	54.7	77.0	12.4	11.0						
44.0	46.7	75.3	10.4	9.7						
46.0	37.4	73.0	8.4	8.2						
48.0	25.0	69.6	7.2	7.1						
49.0	15.2	67.0	6.6	6.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	89.7	15.1	28.8						
11.0	76.1	89.5	15.1	27.3						
12.0	73.4	89.2	15.1	22.7						
13.0	70.7	88.8	15.1	19.1						
14.0	67.9	88.4	15.1	16.7						
16.0	62.0	87.4	14.8	13.2						
18.0	55.9	86.2	11.8	10.7						
20.0	49.1	84.6	9.5	9.0						
22.0	41.6	82.5	7.9	7.6						
24.0	32.6	79.8	6.6	6.6						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	88.6	15.1	20.4						
18.0	72.6	88.6	15.1	20.4						
20.0	67.0	87.8	15.1	16.1						
22.0	61.2	86.7	14.6	12.8						
24.0	54.9	85.4	11.4	10.4						
26.0	48.1	83.8	9.3	8.8						
28.0	40.4	81.7	7.7	7.4						
30.0	31.1	78.8	6.5	6.5						
Ángulo de pluma principal 75.0 [°]										
29.7	65.0	85.5		13.9						
30.0	64.1	85.4	15.1	13.8						
32.0	58.0	84.2	12.8	11.5						
34.0	51.5	82.8	10.1	9.5						
36.0	44.3	80.9	8.3	8.0						
38.0	35.9	78.5	7.0	6.9						
40.0	25.0	75.0	6.1	6.0						
Ángulo de pluma principal 65.0 [°]										
43.7	55.0	79.4		9.9						
44.0	53.9	79.3	10.6	9.9						
46.0	46.9	77.6	8.8	8.5						
48.0	39.1	75.3	7.4	7.2						
50.0	29.3	72.3	6.4	6.3						
52.0	16.7	67.4	5.5							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.9	78.0	92.6		25.5						
11.0	77.8	92.6	15.1	25.5						
12.0	75.5	92.3	15.1	22.8						
13.0	73.1	92.0	15.1	19.6						
14.0	70.7	91.7	15.1	17.0						
16.0	65.7	90.8	13.9	13.6						
18.0	60.5	89.8	12.2	11.2						
20.0	55.0	88.4	9.8	9.3						
22.0	49.0	86.8	8.0	7.9						
24.0	42.5	84.8	6.9	6.8						
26.0	34.9	82.3	5.9	5.9						
28.0	25.3	78.7	5.2	5.2						
Ángulo de pluma principal 83.0 [°]										
18.7	73.0	91.5		18.1						
20.0	69.9	91.0	15.1	16.4						
22.0	64.9	90.1	13.8	13.0						
24.0	59.7	89.0	11.8	10.8						
26.0	54.1	87.7	9.4	9.0						
28.0	48.1	86.0	7.9	7.8						
30.0	41.4	84.0	6.7	6.7						
32.0	33.6	81.3	5.8	5.9						
34.0	23.5	77.6	5.1	5.1						
Ángulo de pluma principal 75.0 [°]										
30.9	65.0	88.2		12.4						
32.0	62.3	87.7	11.5	11.8						
34.0	56.9	86.5	9.3	9.8						
36.0	51.1	85.0	7.8	8.3						
38.0	44.8	83.1	6.7	7.2						
40.0	37.6	80.8	5.8	6.2						
42.0	28.9	77.7	5.1	5.5						
Ángulo de pluma principal 65.0 [°]										
45.4	55.0	81.9		8.8						
46.0	53.2	81.5	8.9	8.8						
48.0	47.1	79.8	7.5	7.5						
50.0	40.3	77.6	6.5	6.5						
55.0	15.6	67.8	4.7							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.6	78.0	95.5	15.1	30.1						
12.0	77.1	95.4	15.1	30.1						
13.0	74.9	95.2	15.1	29.3						
14.0	72.8	94.8	15.1	27.3						
16.0	68.4	94.1	15.1	22.1						
18.0	63.9	93.2	15.1	18.3						
20.0	59.2	92.0	14.5	15.7						
22.0	54.3	90.7	13.0	13.7						
24.0	48.9	89.1	11.8	12.2						
26.0	43.1	87.1	10.4	10.9						
28.0	36.5	84.6	9.3	9.9						
30.0	28.6	81.4	8.4	9.1						
Ángulo de pluma principal 83.0 [°]										
19.6	73.0	94.3		25.4						
20.0	72.2	94.2	15.1	25.3						
22.0	67.8	93.4	15.1	21.3						
24.0	63.3	92.5	15.1	17.8						
26.0	58.5	91.3	14.6	15.4						
28.0	53.5	89.9	13.6	13.4						
30.0	48.1	88.3	12.5	12.0						
32.0	42.2	86.2	11.0	10.8						
34.0	35.5	83.7	9.8	9.8						
36.0	27.3	80.4	8.9	9.0						
Ángulo de pluma principal 75.0 [°]										
32.2	65.0	91.0		17.8						
34.0	60.8	90.1	15.1	16.4						
36.0	56.0	88.8	14.5	14.3						
38.0	50.8	87.2	13.3	12.6						
40.0	45.2	85.4	11.8	11.3						
42.0	38.9	83.1	10.4	10.2						
44.0	31.5	80.2	9.4	9.4						
46.0	22.0	76.2	8.5	8.6						
Ángulo de pluma principal 65.0 [°]										
47.1	55.0	84.4		8.5						
48.0	52.7	83.8	9.1	8.2						
50.0	47.2	82.0	8.5	7.6						
55.0	30.3	75.7	7.0	6.1						
57.0	20.2	71.4	6.5	5.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.7	78.0	86.7	15.1	30.1						
10.0	77.0	86.6	15.1	30.1						
11.0	73.9	86.4	15.1	30.1						
12.0	70.7	86.0	15.1	26.8						
13.0	67.4	85.6	15.1	23.6						
14.0	64.1	85.1	15.1	20.2						
16.0	57.0	83.9	14.9	15.8						
18.0	49.3	82.4	14.6	12.9						
20.0	40.4	80.3	11.5	10.5						
22.0	29.3	77.3	9.3	8.8						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	85.7	15.1	28.4						
18.0	69.7	85.4	15.1	26.2						
20.0	63.1	84.4	15.1	19.3						
22.0	55.9	83.2	14.0	15.2						
24.0	48.1	81.6	12.3	12.5						
26.0	39.0	79.4	9.9	10.3						
28.0	27.3	76.2	8.3	8.7						
Ángulo de pluma principal 75.0 [°]										
28.4	65.0	82.8		19.2						
30.0	59.5	82.0	15.1	16.9						
32.0	52.0	80.5	14.3	13.6						
34.0	43.6	78.6	12.2	11.3						
36.0	33.5	76.1	9.9	9.5						
Ángulo de pluma principal 65.0 [°]										
41.9	55.0	77.0		8.7						
42.0	54.7	77.0	10.4	8.6						
44.0	46.7	75.3	9.4	7.6						
46.0	37.4	73.0	8.4	6.7						
48.0	25.0	69.6	7.5	5.8						
49.0	15.2	67.0	7.1	5.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 94.0
 Lastre central [t]: 52.6

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
65.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 53.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	89.7	15.1	30.1						
11.0	76.1	89.5	15.1	30.1						
12.0	73.4	89.2	15.1	25.8						
13.0	70.7	88.8	15.1	21.8						
14.0	67.9	88.4	15.0	19.1						
16.0	62.0	87.4	14.2	14.8						
18.0	55.9	86.2	11.6	12.0						
20.0	49.1	84.6	9.4	10.0						
22.0	41.6	82.5	7.7	8.2						
24.0	32.6	79.8	6.5	6.9						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	88.6	15.1	22.7						
18.0	72.6	88.6	15.1	22.6						
20.0	67.0	87.8	15.1	18.2						
22.0	61.2	86.7	15.0	14.4						
24.0	54.9	85.4	12.3	11.6						
26.0	48.1	83.8	10.1	9.7						
28.0	40.4	81.7	8.2	8.1						
30.0	31.1	78.8	6.9	6.9						
Ángulo de pluma principal 75.0 [°]										
29.7	65.0	85.5		15.3						
30.0	64.1	85.4	15.1	15.3						
32.0	58.0	84.2	14.2	12.8						
34.0	51.5	82.8	11.4	10.5						
36.0	44.3	80.9	9.3	8.9						
38.0	35.9	78.5	7.6	7.5						
40.0	25.0	75.0	6.5	6.5						
Ángulo de pluma principal 65.0 [°]										
43.7	55.0	79.4		7.8						
44.0	53.9	79.3	9.2	7.6						
46.0	46.9	77.6	8.3	6.8						
48.0	39.1	75.3	7.4	6.0						
50.0	29.3	72.3	6.7	5.3						
52.0	16.7	67.4	5.9							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
7.5	78.0	38.8		30.1						
8.0	76.3	38.7	15.1	30.1						
9.0	72.6	38.4	15.1	30.1						
10.0	68.7	38.0	15.1	28.9						
11.0	64.8	37.5	15.1	24.4						
12.0	60.7	37.0	15.1	21.1						
13.0	56.4	36.3	15.1	17.9						
14.0	51.8	35.6	15.1	15.5						
16.0	41.5	33.6	12.9	12.3						
18.0	28.1	30.6	10.8	10.2						
Ángulo de pluma principal 83.0 [°]										
10.7	73.0	38.2	15.1	30.1						
11.0	71.8	38.1	15.1	30.1						
12.0	67.9	37.7	15.1	29.5						
13.0	63.9	37.2	15.1	23.9						
14.0	59.8	36.6	15.1	20.2						
16.0	50.8	35.2	15.0	15.1						
18.0	40.3	33.1	12.5	12.0						
20.0	26.3	30.0	10.6	10.0						
Ángulo de pluma principal 75.0 [°]										
15.5	65.0	36.6		24.4						
16.0	63.2	36.4	15.1	23.1						
18.0	54.6	35.1	14.8	16.6						
20.0	44.8	33.4	12.8	13.0						
22.0	32.7	30.8	10.2	10.6						
Ángulo de pluma principal 65.0 [°]										
21.2	55.0	33.7		15.6						
22.0	51.5	33.2	15.0	14.3						
24.0	41.2	31.2	12.3	11.3						
26.0	27.6	28.2	9.8	9.4						
Ángulo de pluma principal 45.0 [°]										
30.7	35.0	25.2		9.9						
32.0	25.0	23.2	9.1	8.9						
33.0	16.5	20.4	8.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.2	78.0	41.8	15.1	30.1						
9.0	75.4	41.6	15.1	30.1						
10.0	72.2	41.2	15.1	30.1						
11.0	69.0	40.8	15.1	29.3						
12.0	65.7	40.4	15.1	24.5						
13.0	62.3	39.9	15.1	21.0						
14.0	58.8	39.3	14.7	18.3						
16.0	51.2	37.8	13.9	14.3						
18.0	42.7	35.8	11.1	11.5						
20.0	32.2	33.1	8.8	9.4						
Ángulo de pluma principal 83.0 [°]										
11.6	73.0	41.1	15.1	30.1						
12.0	71.6	40.9	15.1	30.1						
13.0	68.3	40.5	15.1	28.4						
14.0	65.0	40.1	15.1	23.8						
16.0	58.0	38.9	14.7	17.8						
18.0	50.4	37.4	13.9	14.0						
20.0	41.7	35.4	10.9	11.3						
22.0	31.0	32.6	8.8	9.3						
Ángulo de pluma principal 75.0 [°]										
16.8	65.0	39.3		23.2						
18.0	60.9	38.7	15.1	19.9						
20.0	53.6	37.4	15.1	15.4						
22.0	45.4	35.6	13.5	12.4						
24.0	35.7	33.2	11.0	10.2						
Ángulo de pluma principal 65.0 [°]										
23.0	55.0	36.2		15.1						
24.0	51.0	35.5	14.8	13.7						
26.0	42.4	33.5	12.3	11.0						
28.0	31.9	30.8	9.7	9.1						
Ángulo de pluma principal 45.0 [°]										
33.2	35.0	26.9		9.7						
34.0	30.1	25.9	9.6	9.0						
35.0	22.7	23.9	8.6	8.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.8	78.0	44.7	15.1	30.1						
9.0	77.4	44.7	15.1	30.1						
10.0	74.7	44.4	15.1	30.1						
11.0	72.0	44.1	15.1	28.1						
12.0	69.2	43.7	15.1	26.1						
13.0	66.4	43.2	15.1	22.2						
14.0	63.5	42.7	15.1	19.2						
16.0	57.4	41.5	14.4	15.2						
18.0	50.8	40.0	13.7	12.4						
20.0	43.5	38.1	11.0	10.2						
22.0	34.9	35.6	8.7	8.4						
24.0	23.6	31.9	7.2	7.1						
Ángulo de pluma principal 83.0 [°]										
12.4	73.0	43.9		30.1						
13.0	71.4	43.8	15.1	29.7						
14.0	68.6	43.4	15.1	25.2						
16.0	62.9	42.4	15.1	18.8						
18.0	56.7	41.2	14.5	14.8						
20.0	50.1	39.6	13.5	12.1						
22.0	42.7	37.7	10.7	10.0						
24.0	33.9	35.0	8.6	8.4						
26.0	22.1	31.2	7.2	7.0						
Ángulo de pluma principal 75.0 [°]										
18.1	65.0	42.1		20.2						
20.0	59.3	41.0	15.1	16.4						
22.0	52.9	39.6	14.0	13.2						
24.0	45.8	37.8	11.9	10.9						
26.0	37.7	35.5	9.5	9.1						
28.0	27.5	32.3	7.9	7.7						
Ángulo de pluma principal 65.0 [°]										
24.7	55.0	38.6		13.2						
26.0	50.6	37.7	13.2	11.8						
28.0	43.3	35.8	10.5	9.8						
30.0	34.6	33.2	8.5	8.3						
32.0	23.1	29.5	7.1	7.0						
Ángulo de pluma principal 45.0 [°]										
35.6	35.0	28.6		8.4						
36.0	33.2	28.4	8.5	8.3						
38.0	21.0	24.4	7.1	7.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.4	78.0	47.6		30.1						
10.0	76.6	47.5	15.1	30.1						
11.0	74.2	47.2	15.1	30.1						
12.0	71.8	46.9	15.1	26.1						
13.0	69.4	46.5	15.1	23.1						
14.0	66.9	46.1	15.1	20.1						
16.0	61.7	45.1	15.1	15.8						
18.0	56.3	43.8	13.0	12.8						
20.0	50.5	42.3	11.5	10.7						
22.0	44.1	40.4	9.3	8.9						
24.0	36.8	37.9	7.6	7.5						
26.0	27.8	34.7	6.4	6.4						
Ángulo de pluma principal 83.0 [°]										
13.3	73.0	46.8		27.6						
14.0	71.3	46.6	15.1	26.1						
16.0	66.4	45.8	15.1	19.5						
18.0	61.2	44.7	15.0	15.5						
20.0	55.7	43.4	12.9	12.5						
22.0	49.9	41.9	11.3	10.5						
24.0	43.4	39.9	9.2	8.8						
26.0	36.0	37.4	7.5	7.4						
28.0	26.7	34.1	6.4	6.3						
Ángulo de pluma principal 75.0 [°]										
19.4	65.0	44.8	15.1	17.7						
20.0	63.3	44.5	15.1	17.0						
22.0	58.0	43.3	14.8	13.8						
24.0	52.3	41.9	12.1	11.3						
26.0	46.1	40.1	10.1	9.6						
28.0	39.1	37.8	8.3	8.1						
30.0	30.8	34.9	7.0	6.9						
Ángulo de pluma principal 65.0 [°]										
26.4	55.0	41.1		11.6						
28.0	50.3	39.9	11.0	10.2						
30.0	43.9	38.0	9.0	8.7						
32.0	36.5	35.6	7.4	7.3						
34.0	27.5	32.3	6.4	6.3						
Ángulo de pluma principal 45.0 [°]										
38.1	35.0	30.4		7.2						
40.0	25.9	27.4	6.4	6.3						
41.0	19.5	25.0	5.8	5.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Pieza de articulación de pluma principal: 2821-1
 Cabeza de pluma principal: 2821-1

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	50.6		30.1						
11.0	76.0	50.3	15.1	30.1						
12.0	73.8	50.0	15.1	30.1						
13.0	71.7	49.7	15.1	29.3						
14.0	69.5	49.3	15.1	28.8						
16.0	65.0	48.5	15.1	23.0						
18.0	60.4	47.4	15.1	19.1						
20.0	55.5	46.1	15.1	16.1						
22.0	50.2	44.5	15.1	14.0						
24.0	44.6	42.6	12.9	12.2						
26.0	38.2	40.3	11.0	10.6						
28.0	30.7	37.3	9.6	9.5						
30.0	20.7	33.1	8.4	8.4						
Ángulo de pluma principal 83.0 [°]										
14.2	73.0	49.7		30.1						
16.0	69.1	49.0	15.1	27.7						
18.0	64.6	48.1	15.1	22.6						
20.0	59.9	47.0	15.1	18.9						
22.0	55.0	45.7	15.1	15.9						
24.0	49.7	44.1	14.5	13.8						
26.0	43.9	42.2	12.5	12.0						
28.0	37.5	39.8	10.9	10.6						
30.0	29.8	36.7	9.6	9.5						
Ángulo de pluma principal 75.0 [°]										
20.6	65.0	47.5		22.5						
22.0	61.8	46.8	15.1	20.3						
24.0	57.0	45.6	15.1	17.1						
26.0	51.9	44.1	15.1	14.7						
28.0	46.3	42.3	13.7	12.8						
30.0	40.2	40.1	11.8	11.2						
32.0	33.1	37.4	10.3	10.1						
34.0	24.1	33.7	9.0	8.9						
Ángulo de pluma principal 65.0 [°]										
28.1	55.0	43.6		15.0						
30.0	50.1	42.2	14.3	13.4						
32.0	44.4	40.3	12.5	11.8						
34.0	38.0	37.9	10.7	10.3						
36.0	30.4	34.9	9.4	9.3						
Ángulo de pluma principal 45.0 [°]										
40.5	35.0	32.1		7.5						
42.0	29.2	30.0	8.6	6.8						
44.0	18.3	25.5	7.5	6.0						