

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]
38.0 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 [°]										
8.7	78.0	59.7		30.1						
9.0	77.2	59.7	15.1	30.1						
10.0	74.1	59.4	15.1	30.1						
11.0	70.9	59.0	15.1	27.7						
12.0	67.6	58.6	15.1	24.8						
13.0	64.3	58.2	15.1	21.1						
14.0	60.8	57.6	15.1	18.4						
16.0	53.5	56.2	15.0	14.4						
18.0	45.3	54.5	13.2	11.7						
20.0	35.6	52.0	10.3	9.6						
Ángulo de pluma principal 83.0 [°]										
13.7	73.0	58.9		30.1						
14.0	72.0	58.8	15.1	30.0						
16.0	65.5	58.0	15.1	22.2						
18.0	58.5	56.9	15.1	17.0						
20.0	51.0	55.4	15.1	13.5						
22.0	42.4	53.4	12.1	11.0						
24.0	31.9	50.7	9.8	9.2						
Ángulo de pluma principal 75.0 [°]										
21.4	65.0	56.7		20.4						
22.0	63.0	56.5	15.1	20.0						
24.0	55.9	55.2	15.0	15.5						
26.0	48.0	53.6	14.2	12.6						
28.0	38.9	51.4	11.2	10.3						
30.0	27.2	48.3	9.2	8.8						
Ángulo de pluma principal 65.0 [°]										
30.5	55.0	52.5		12.3						
32.0	49.2	51.4	14.4	11.0						
34.0	40.3	49.3	11.7	9.4						
36.0	29.2	46.3	9.6	8.1						
Ángulo de pluma principal 45.0 [°]										
45.9	35.0	39.7		2.9						
46.0	34.2	39.7	3.8	2.9						
48.0	20.0	35.8	3.0	2.2						

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 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]
38.0 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 [°]										
10.7	78.0	68.6	15.1	30.1						
11.0	77.3	68.5	15.1	30.1						
12.0	75.2	68.2	15.1	30.1						
13.0	73.1	67.9	15.1	29.8						
14.0	70.9	67.6	15.1	29.0						
16.0	66.5	66.7	15.1	24.7						
18.0	61.9	65.7	15.1	20.4						
20.0	57.0	64.5	15.1	17.3						
22.0	51.9	63.0	15.1	14.9						
24.0	46.4	61.2	13.7	13.1						
26.0	40.3	59.1	11.9	11.5						
28.0	33.2	56.3	10.4	10.2						
30.0	24.2	52.6	9.2	9.1						
Ángulo de pluma principal 83.0 [°]										
16.4	73.0	67.5	15.1	30.1						
18.0	69.5	67.0	15.1	28.1						
20.0	65.0	66.1	15.1	23.1						
22.0	60.3	65.0	15.1	19.4						
24.0	55.4	63.7	15.1	16.4						
26.0	50.2	62.1	14.8	14.3						
28.0	44.5	60.2	13.0	12.5						
30.0	38.1	57.9	11.4	11.1						
32.0	30.6	54.9	10.2	10.0						
34.0	20.6	50.7	8.9	8.9						
Ángulo de pluma principal 75.0 [°]										
25.3	65.0	64.9		19.7						
26.0	63.3	64.6	15.1	18.8						
28.0	58.6	63.4	15.1	16.6						
30.0	53.6	62.0	15.1	14.8						
32.0	48.2	60.3	14.6	13.2						
34.0	42.3	58.3	12.6	11.9						
36.0	35.6	55.8	11.1	10.6						
38.0	27.4	52.4	9.8	9.5						
Ángulo de pluma principal 65.0 [°]										
35.7	55.0	59.9		9.2						
36.0	54.3	59.8	10.6	9.0						
38.0	49.0	58.1	9.5	8.0						
40.0	43.2	56.2	8.4	7.0						
42.0	36.6	53.7	7.5	6.2						
44.0	28.7	50.5	6.7	5.5						
46.0	17.6	45.9	5.9	4.8						

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]: 74.0
 Lastre central [t]: 0.0

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]
38.0 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 [°]										
9.4	78.0	62.7	15.1	30.1						
10.0	76.3	62.5	15.1	30.1						
11.0	73.6	62.2	15.1	27.7						
12.0	70.8	61.9	15.1	23.1						
13.0	68.0	61.5	15.1	20.0						
14.0	65.2	61.0	15.1	17.4						
16.0	59.2	59.9	14.3	13.7						
18.0	52.8	58.5	11.8	11.0						
20.0	45.7	56.7	9.7	9.1						
22.0	37.6	54.4	7.8	7.6						
24.0	27.4	51.2	6.5	6.4						
Ángulo de pluma principal 83.0 [°]										
14.6	73.0	61.8	15.1	24.4						
16.0	69.0	61.3	15.1	20.9						
18.0	63.3	60.3	15.1	16.0						
20.0	57.2	59.1	13.4	12.7						
22.0	50.6	57.6	11.3	10.4						
24.0	43.3	55.7	9.1	8.6						
26.0	34.7	53.1	7.4	7.3						
28.0	23.2	49.5	6.3	6.2						
Ángulo de pluma principal 75.0 [°]										
22.7	65.0	59.5		16.2						
24.0	61.1	58.8	15.1	14.6						
26.0	54.9	57.5	13.1	11.8						
28.0	48.0	55.8	10.5	9.8						
30.0	40.3	53.7	8.4	8.1						
32.0	31.0	50.8	7.1	7.0						
Ángulo de pluma principal 65.0 [°]										
32.2	55.0	55.0		11.2						
34.0	49.1	53.6	10.8	9.9						
36.0	41.5	51.6	8.8	8.4						
38.0	32.5	48.9	7.3	7.2						
Ángulo de pluma principal 45.0 [°]										
48.3	35.0	41.4		2.3						
50.0	27.2	38.8	2.4							
51.0	20.4	36.3	2.1							

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 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]
38.0 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 [°]										
11.3	78.0	71.5	15.1	30.1						
12.0	76.7	71.3	15.1	30.1						
13.0	74.7	71.1	15.1	30.1						
14.0	72.8	70.7	15.1	28.4						
16.0	68.9	70.0	15.1	23.7						
18.0	64.8	69.1	15.1	19.4						
20.0	60.6	68.0	14.9	16.4						
22.0	56.2	66.8	13.7	14.1						
24.0	51.6	65.3	12.8	12.3						
26.0	46.6	63.5	11.3	10.9						
28.0	41.1	61.3	9.7	9.6						
30.0	34.9	58.7	8.4	8.5						
32.0	27.5	55.4	7.5	7.6						
Ángulo de pluma principal 83.0 [°]										
17.3	73.0	70.4	15.1	28.1						
18.0	71.6	70.2	15.1	27.4						
20.0	67.6	69.4	15.1	22.2						
22.0	63.5	68.4	15.1	18.3						
24.0	59.2	67.3	14.5	15.6						
26.0	54.8	66.0	13.5	13.5						
28.0	50.0	64.4	12.6	11.9						
30.0	44.9	62.5	10.8	10.5						
32.0	39.2	60.2	9.3	9.2						
34.0	32.7	57.4	8.2	8.3						
36.0	24.7	53.7	7.3	7.4						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	67.6		18.0						
28.0	62.0	66.9	15.1	16.5						
30.0	57.6	65.7	14.8	14.7						
32.0	53.1	64.3	12.9	12.9						
34.0	48.2	62.6	11.4	11.4						
36.0	42.9	60.6	9.9	10.1						
38.0	37.0	58.1	8.6	9.0						
40.0	30.1	55.0	7.7	8.1						
42.0	21.0	50.8	6.9	7.2						
Ángulo de pluma principal 65.0 [°]										
37.5	55.0	62.3		8.0						
38.0	53.7	62.0	9.1	7.8						
40.0	48.9	60.4	8.1	6.9						
42.0	43.7	58.4	7.2	6.1						
44.0	37.9	56.0	6.4	5.3						
46.0	31.1	53.1	5.6	4.7						
48.0	22.6	49.1	4.9	4.0						
49.0	16.7	46.3	4.6	3.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
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 Lastre trasero [t]: 74.0
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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]
38.0 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 [°]										
9.4	78.0	62.7		30.1						
10.0	76.4	62.5	15.1	30.1						
11.0	73.7	62.3	15.1	30.1						
12.0	71.0	61.9	15.1	28.5						
13.0	68.2	61.5	15.1	26.6						
14.0	65.3	61.0	15.1	22.9						
16.0	59.3	59.9	15.1	17.9						
18.0	52.9	58.5	14.9	14.5						
20.0	45.9	56.7	13.2	12.0						
22.0	37.8	54.4	10.5	9.9						
24.0	27.6	51.3	8.6	8.4						
Ángulo de pluma principal 83.0 [°]										
14.6	73.0	61.8		30.1						
16.0	69.2	61.3	15.1	27.6						
18.0	63.4	60.4	15.1	21.0						
20.0	57.3	59.2	15.1	16.7						
22.0	50.8	57.7	15.1	13.7						
24.0	43.4	55.7	12.3	11.3						
26.0	34.8	53.2	9.9	9.5						
28.0	23.5	49.6	8.2	8.0						
Ángulo de pluma principal 75.0 [°]										
22.7	65.0	59.5		18.7						
24.0	61.3	58.8	15.1	16.8						
26.0	55.0	57.5	15.0	14.2						
28.0	48.2	55.9	14.3	12.1						
30.0	40.5	53.7	11.5	10.3						
32.0	31.2	50.9	9.5	8.8						
Ángulo de pluma principal 65.0 [°]										
32.3	55.0	55.0		8.1						
34.0	49.2	53.7	9.1	6.9						
36.0	41.7	51.6	7.7	5.7						
38.0	32.7	48.9	6.4	4.6						
40.0	20.1	44.9	5.2	3.7						

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]: 74.0
 Lastre central [t]: 0.0

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]
38.0 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 [°]										
10.0	78.0	65.6	15.1	30.1						
11.0	75.6	65.4	15.1	27.8						
12.0	73.2	65.1	15.1	23.7						
13.0	70.8	64.7	15.1	20.3						
14.0	68.3	64.3	15.1	18.0						
16.0	63.2	63.4	14.6	14.3						
18.0	57.9	62.2	12.7	11.9						
20.0	52.2	60.7	10.4	10.0						
22.0	46.0	58.9	8.8	8.6						
24.0	39.0	56.7	7.4	7.4						
26.0	30.7	53.8	6.4	6.4						
Ángulo de pluma principal 83.0 [°]										
15.5	73.0	64.7	15.1	21.5						
16.0	71.7	64.5	15.1	21.5						
18.0	66.7	63.7	15.0	16.6						
20.0	61.6	62.7	14.4	13.5						
22.0	56.1	61.4	11.9	11.2						
24.0	50.3	59.9	10.0	9.6						
26.0	43.9	57.9	8.4	8.2						
28.0	36.6	55.5	7.1	7.1						
30.0	27.5	52.3	6.2	6.2						
Ángulo de pluma principal 75.0 [°]										
24.0	65.0	62.2	15.1	14.6						
26.0	59.6	61.1	13.4	12.5						
28.0	54.1	59.7	11.0	10.5						
30.0	48.1	58.1	9.3	9.1						
32.0	41.4	56.0	7.9	7.7						
34.0	33.6	53.3	6.8	6.8						
36.0	23.4	49.6	6.0	5.9						
Ángulo de pluma principal 65.0 [°]										
34.0	55.0	57.4		10.2						
36.0	49.0	55.9	9.0	9.0						
38.0	42.4	53.9	7.7	7.9						
40.0	34.8	51.3	6.7	6.9						
42.0	25.1	47.8	5.9	6.0						
Ángulo de pluma principal 45.0 [°]										
51.0	35.0	43.1	2.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
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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]
38.0 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 [°]										
10.0	78.0	65.6		30.1						
11.0	75.7	65.4	15.1	30.1						
12.0	73.4	65.1	15.1	29.8						
13.0	70.9	64.7	15.1	26.3						
14.0	68.5	64.3	15.1	23.7						
16.0	63.4	63.4	15.1	18.4						
18.0	58.1	62.2	14.2	15.0						
20.0	52.4	60.8	12.8	12.4						
22.0	46.2	59.0	11.1	10.5						
24.0	39.2	56.8	9.1	8.8						
26.0	30.9	53.8	7.5	7.5						
Ángulo de pluma principal 83.0 [°]										
15.5	73.0	64.7		28.3						
16.0	71.8	64.5	15.1	28.2						
18.0	66.9	63.7	15.1	21.8						
20.0	61.7	62.7	15.1	17.2						
22.0	56.3	61.4	13.6	14.1						
24.0	50.5	59.9	12.2	11.8						
26.0	44.1	58.0	10.1	10.0						
28.0	36.7	55.6	8.3	8.5						
30.0	27.7	52.3	7.1	7.3						
Ángulo de pluma principal 75.0 [°]										
24.0	65.0	62.2		17.1						
26.0	59.8	61.1	15.1	14.5						
28.0	54.2	59.8	13.4	12.4						
30.0	48.2	58.1	11.4	10.7						
32.0	41.5	56.0	9.4	9.2						
34.0	33.7	53.4	7.9	7.8						
36.0	23.6	49.7	6.7	6.7						
Ángulo de pluma principal 65.0 [°]										
34.0	55.0	57.4		6.9						
36.0	49.1	55.9	7.6	5.8						
38.0	42.5	53.9	6.3	4.7						
40.0	34.9	51.3	5.2	3.8						
42.0	25.3	47.8	4.2	3.0						
43.0	18.7	45.4	3.7	2.6						

Cargas pluma principal + plumín abatible + midfall

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 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]
38.0 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 [°]										
10.6	78.0	68.5		28.0						
11.0	77.2	68.5	15.1	28.0						
12.0	75.1	68.2	15.1	24.6						
13.0	72.9	67.9	15.1	21.5						
14.0	70.8	67.5	15.1	18.8						
16.0	66.3	66.7	14.4	15.1						
18.0	61.7	65.7	13.4	12.5						
20.0	56.9	64.5	11.0	10.3						
22.0	51.8	63.0	8.9	8.7						
24.0	46.3	61.2	7.5	7.5						
26.0	40.1	59.0	6.4	6.4						
28.0	33.0	56.3	5.5	5.6						
30.0	24.1	52.5	4.8	4.9						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	67.5		19.9						
18.0	69.4	66.9	15.1	17.3						
20.0	64.9	66.1	13.9	14.1						
22.0	60.2	65.0	12.2	11.7						
24.0	55.3	63.7	9.8	9.7						
26.0	50.1	62.1	8.1	8.3						
28.0	44.4	60.2	7.0	7.2						
30.0	38.0	57.9	6.0	6.2						
32.0	30.4	54.9	5.2	5.4						
Ángulo de pluma principal 75.0 [°]										
25.2	65.0	64.9		13.4						
26.0	63.2	64.5	13.9	13.2						
28.0	58.5	63.4	11.2	11.0						
30.0	53.5	62.0	9.2	9.2						
32.0	48.1	60.3	7.7	8.0						
34.0	42.2	58.3	6.6	6.8						
36.0	35.4	55.7	5.7	5.9						
38.0	27.2	52.4	5.1	5.2						
Ángulo de pluma principal 65.0 [°]										
35.7	55.0	59.9		9.2						
36.0	54.2	59.7	9.0	9.1						
38.0	48.9	58.1	7.9	8.0						
40.0	43.0	56.1	6.8	7.0						
42.0	36.5	53.7	5.9	6.1						
44.0	28.5	50.5	5.2	5.4						
46.0	17.4	45.8	4.5	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]: 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]
38.0 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 [°]										
10.7	78.0	68.6	15.1	30.1						
11.0	77.3	68.5	15.1	30.1						
12.0	75.2	68.2	15.1	28.8						
13.0	73.1	67.9	15.1	26.1						
14.0	70.9	67.6	15.1	22.6						
16.0	66.5	66.7	15.1	17.8						
18.0	61.9	65.7	14.9	14.5						
20.0	57.0	64.5	12.4	12.0						
22.0	51.9	63.0	10.0	10.0						
24.0	46.4	61.2	8.4	8.5						
26.0	40.3	59.1	7.0	7.2						
28.0	33.2	56.3	5.9	6.1						
30.0	24.2	52.6	5.0	5.2						
Ángulo de pluma principal 83.0 [°]										
16.4	73.0	67.5	15.1	24.1						
18.0	69.5	67.0	15.1	20.8						
20.0	65.0	66.1	15.1	16.5						
22.0	60.3	65.0	14.6	13.7						
24.0	55.4	63.7	11.9	11.3						
26.0	50.2	62.1	10.0	9.6						
28.0	44.5	60.2	8.3	8.1						
30.0	38.1	57.9	6.9	6.9						
32.0	30.6	54.9	5.9	5.9						
34.0	20.6	50.7	4.9	5.0						
Ángulo de pluma principal 75.0 [°]										
25.3	65.0	64.9		15.7						
26.0	63.3	64.6	15.1	14.8						
28.0	58.6	63.4	13.3	12.7						
30.0	53.6	62.0	10.8	10.7						
32.0	48.2	60.3	9.0	9.1						
34.0	42.3	58.3	7.6	7.7						
36.0	35.6	55.8	6.4	6.7						
38.0	27.4	52.4	5.5	5.7						
Ángulo de pluma principal 65.0 [°]										
35.7	55.0	59.9		6.0						
36.0	54.3	59.8	7.5	5.9						
38.0	49.0	58.1	6.3	4.9						
40.0	43.2	56.2	5.2	4.0						
42.0	36.6	53.7	4.2	3.2						
44.0	28.7	50.5	3.3	2.4						
46.0	19.4	45.9	2.5							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
38.0 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 [°]										
11.2	78.0	71.5		25.5						
12.0	76.5	71.3	15.1	25.2						
13.0	74.6	71.0	15.1	21.7						
14.0	72.7	70.7	15.1	19.2						
16.0	68.8	70.0	15.1	15.5						
18.0	64.7	69.1	13.0	12.7						
20.0	60.5	68.0	11.5	10.7						
22.0	56.1	66.7	9.4	9.0						
24.0	51.4	65.2	7.8	7.7						
26.0	46.5	63.4	6.7	6.7						
28.0	41.0	61.3	5.7	5.8						
30.0	34.8	58.7	5.0	5.1						
32.0	27.4	55.3	4.4	4.5						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	70.4		18.0						
18.0	71.4	70.1	15.1	17.8						
20.0	67.5	69.4	15.1	14.5						
22.0	63.4	68.4	12.6	11.9						
24.0	59.1	67.3	10.7	10.1						
26.0	54.6	65.9	8.8	8.6						
28.0	49.9	64.3	7.4	7.4						
30.0	44.8	62.4	6.4	6.4						
32.0	39.1	60.2	5.6	5.6						
34.0	32.6	57.3	4.9	4.9						
36.0	24.5	53.6	4.3	4.4						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	67.6		12.1						
28.0	61.9	66.9	12.2	11.3						
30.0	57.5	65.7	10.0	9.6						
32.0	53.0	64.2	8.3	8.1						
34.0	48.1	62.5	7.1	7.1						
36.0	42.8	60.5	6.1	6.2						
38.0	36.9	58.1	5.3	5.4						
40.0	29.9	55.0	4.7	4.8						
42.0	20.9	50.8	4.1	4.2						
Ángulo de pluma principal 65.0 [°]										
37.4	55.0	62.3		8.4						
38.0	53.6	62.0	8.4	8.2						
40.0	48.8	60.3	7.3	7.3						
42.0	43.6	58.4	6.3	6.4						
44.0	37.8	56.0	5.5	5.6						
46.0	31.0	53.0	4.9	4.9						
48.0	22.4	49.0	4.3	4.4						
49.0	16.5	46.2	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]: 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]
38.0 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 [°]										
11.3	78.0	71.5	15.1	30.1						
12.0	76.7	71.3	15.1	30.1						
13.0	74.7	71.1	15.1	30.1						
14.0	72.8	70.7	15.1	28.6						
16.0	68.9	70.0	15.1	23.0						
18.0	64.8	69.1	15.1	18.8						
20.0	60.6	68.0	15.0	15.9						
22.0	56.2	66.8	13.1	13.6						
24.0	51.6	65.3	11.7	11.8						
26.0	46.6	63.5	10.2	10.3						
28.0	41.1	61.3	8.6	8.9						
30.0	34.9	58.7	7.3	7.7						
32.0	27.5	55.4	5.8	6.1						
Ángulo de pluma principal 83.0 [°]										
17.3	73.0	70.4	15.1	26.7						
18.0	71.6	70.2	15.1	26.6						
20.0	67.6	69.4	15.1	21.5						
22.0	63.5	68.4	15.1	17.7						
24.0	59.2	67.3	14.5	15.1						
26.0	54.8	66.0	13.1	13.0						
28.0	50.0	64.4	11.9	11.4						
30.0	44.9	62.5	10.2	10.0						
32.0	39.2	60.2	8.8	8.8						
34.0	32.7	57.4	7.6	7.8						
36.0	24.7	53.7	6.7	6.9						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	67.6		14.3						
28.0	62.0	66.9	15.1	12.8						
30.0	57.6	65.7	14.2	11.1						
32.0	53.1	64.3	12.0	9.6						
34.0	48.2	62.6	10.5	8.2						
36.0	42.9	60.6	9.1	7.1						
38.0	37.0	58.1	7.9	6.1						
40.0	30.1	55.0	7.1	5.2						
42.0	21.0	50.8	6.1	4.4						
Ángulo de pluma principal 65.0 [°]										
37.5	55.0	62.3		5.0						
38.0	53.7	62.0	6.0	4.8						
40.0	48.9	60.4	5.0	3.9						
42.0	43.7	58.4	4.0	3.1						
44.0	37.9	56.0	3.2	2.4						
46.0	31.9	53.1	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]: 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]
38.0 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 [°]										
11.9	78.0	74.4	15.1	23.1						
12.0	77.8	74.4	15.1	23.1						
13.0	76.0	74.1	15.1	22.1						
14.0	74.3	73.9	15.1	19.4						
16.0	70.7	73.2	15.1	15.6						
18.0	67.1	72.4	13.9	13.1						
20.0	63.3	71.4	11.5	10.9						
22.0	59.5	70.3	9.7	9.4						
24.0	55.4	69.0	8.1	8.0						
26.0	51.2	67.5	6.8	6.9						
28.0	46.6	65.7	5.9	6.0						
30.0	41.7	63.6	5.1	5.2						
32.0	36.2	61.0	4.5	4.6						
34.0	29.8	57.9	4.0	4.1						
36.0	21.7	53.7	3.5	3.6						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	73.3	15.1	16.5						
20.0	69.6	72.6	14.7	14.7						
22.0	65.9	71.7	12.7	12.3						
24.0	62.1	70.7	10.3	10.3						
26.0	58.2	69.6	8.7	8.8						
28.0	54.1	68.2	7.4	7.6						
30.0	49.7	66.6	6.4	6.6						
32.0	45.1	64.7	5.6	5.8						
34.0	40.0	62.5	4.9	5.0						
36.0	34.3	59.8	4.3	4.4						
38.0	27.5	56.4	3.8	4.0						
Ángulo de pluma principal 75.0 [°]										
27.8	65.0	70.3	11.0	11.0						
28.0	64.5	70.2	11.0	11.0						
30.0	60.7	69.2	9.6	9.8						
32.0	56.7	67.9	8.2	8.4						
34.0	52.5	66.5	7.0	7.3						
36.0	48.1	64.8	6.1	6.4						
38.0	43.3	62.8	5.3	5.6						
40.0	38.0	60.4	4.6	4.9						
42.0	32.0	57.5	4.1	4.4						
44.0	24.6	53.7	3.7	3.9						
Ángulo de pluma principal 65.0 [°]										
39.1	55.0	64.8		7.6						
40.0	53.2	64.2	7.4	7.2						
42.0	48.8	62.6	6.4	6.4						
44.0	44.0	60.6	5.7	5.7						
46.0	38.8	58.3	4.9	5.0						
48.0	32.9	55.5	4.4	4.5						
50.0	25.7	51.9	3.9	3.9						
52.0	15.7	46.7	3.4	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]: 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]
38.0 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 [°]										
11.9	78.0	74.4		30.1						
12.0	77.9	74.4	15.1	30.1						
13.0	76.1	74.2	15.1	30.1						
14.0	74.4	73.9	15.1	27.0						
16.0	70.8	73.2	15.1	21.6						
18.0	67.2	72.4	14.9	17.9						
20.0	63.4	71.5	14.5	15.0						
22.0	59.6	70.3	13.3	12.9						
24.0	55.5	69.0	11.2	11.1						
26.0	51.3	67.5	9.5	9.7						
28.0	46.7	65.7	8.3	8.6						
30.0	41.8	63.6	7.2	7.5						
32.0	36.3	61.1	6.3	6.6						
34.0	29.9	58.0	5.3	5.5						
36.0	21.8	53.8	4.1	4.2						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	73.3		23.1						
20.0	69.7	72.6	15.1	20.3						
22.0	66.0	71.8	15.1	16.9						
24.0	62.2	70.8	15.0	14.3						
26.0	58.3	69.6	13.2	12.3						
28.0	54.2	68.2	11.1	10.7						
30.0	49.9	66.6	9.5	9.4						
32.0	45.2	64.7	8.3	8.3						
34.0	40.1	62.5	7.2	7.3						
36.0	34.4	59.8	6.3	6.4						
38.0	27.6	56.5	5.6	5.7						
Ángulo de pluma principal 75.0 [°]										
27.8	65.0	70.3		13.1						
28.0	64.7	70.3	15.1	12.9						
30.0	60.8	69.2	14.2	11.2						
32.0	56.8	68.0	12.5	9.7						
34.0	52.7	66.5	10.5	8.4						
36.0	48.2	64.8	9.1	7.3						
38.0	43.4	62.8	7.9	6.3						
40.0	38.1	60.4	6.9	5.4						
42.0	32.1	57.6	6.2	4.6						
44.0	24.7	53.8	5.2	3.8						
Ángulo de pluma principal 65.0 [°]										
39.2	55.0	64.8		4.3						
40.0	53.3	64.3	5.0	4.0						
42.0	48.9	62.6	4.1	3.2						
44.0	44.1	60.7	3.2	2.5						
46.0	39.4	58.4	2.4							
47.0	36.6	57.0	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]: 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]
38.0 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 [°]										
12.5	78.0	77.3	15.1	22.5						
13.0	77.2	77.2	15.1	22.5						
14.0	75.6	77.0	15.1	20.8						
16.0	72.3	76.4	15.1	16.8						
18.0	69.0	75.6	15.1	14.1						
20.0	65.7	74.8	12.7	11.9						
22.0	62.2	73.8	10.6	10.2						
24.0	58.6	72.6	9.0	8.8						
26.0	54.9	71.2	7.7	7.6						
28.0	50.9	69.7	6.6	6.7						
30.0	46.7	67.9	5.8	6.0						
32.0	42.2	65.8	5.1	5.3						
34.0	37.3	63.4	4.5	4.6						
36.0	31.7	60.4	4.1	4.2						
38.0	24.9	56.7	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
19.0	73.0	76.1	15.1	16.1						
20.0	71.3	75.8	15.1	15.9						
22.0	68.0	75.0	14.3	13.4						
24.0	64.6	74.1	12.0	11.3						
26.0	61.1	73.1	10.1	9.8						
28.0	57.4	71.8	8.6	8.4						
30.0	53.6	70.4	7.4	7.4						
32.0	49.6	68.8	6.5	6.5						
34.0	45.3	66.9	5.7	5.8						
36.0	40.7	64.7	5.0	5.1						
38.0	35.6	62.2	4.4	4.5						
40.0	29.7	59.0	4.0	4.1						
42.0	22.3	54.9	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
29.0	65.0	73.0		10.8						
30.0	63.3	72.6	11.2	10.8						
32.0	59.8	71.5	9.4	9.3						
34.0	56.1	70.2	8.1	8.1						
36.0	52.2	68.7	7.0	7.1						
38.0	48.1	67.0	6.2	6.3						
40.0	43.7	65.0	5.5	5.6						
42.0	38.9	62.7	4.8	4.9						
44.0	33.6	59.9	4.3	4.4						
46.0	27.2	56.5	3.9	4.0						
Ángulo de pluma principal 65.0 [°]										
40.8	55.0	67.3		6.9						
42.0	52.8	66.5	7.3	6.5						
44.0	48.7	64.8	6.3	5.7						
46.0	44.4	62.9	5.6	5.1						
48.0	39.6	60.6	5.0	4.5						
50.0	34.4	57.9	4.4	3.9						
55.0	16.4	47.1	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]: 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]
38.0 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 [°]										
12.5	78.0	77.4		28.1						
13.0	77.3	77.3	15.1	28.1						
14.0	75.7	77.0	15.1	25.7						
16.0	72.4	76.4	15.1	20.4						
18.0	69.1	75.7	15.1	16.8						
20.0	65.8	74.8	13.4	14.1						
22.0	62.3	73.8	11.9	12.0						
24.0	58.7	72.6	10.3	10.4						
26.0	55.0	71.3	8.7	8.9						
28.0	51.0	69.7	7.5	7.8						
30.0	46.9	67.9	6.5	6.8						
32.0	42.4	65.9	5.7	6.0						
34.0	37.4	63.4	4.9	5.2						
36.0	31.8	60.5	4.2	4.4						
38.0	25.0	56.8	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
19.0	73.0	76.1		19.6						
20.0	71.4	75.8	15.1	19.2						
22.0	68.1	75.1	15.1	15.9						
24.0	64.7	74.2	13.5	13.3						
26.0	61.2	73.1	12.2	11.6						
28.0	57.5	71.9	10.2	9.9						
30.0	53.7	70.5	8.6	8.6						
32.0	49.7	68.8	7.4	7.6						
34.0	45.5	67.0	6.5	6.6						
36.0	40.8	64.8	5.6	5.7						
38.0	35.7	62.2	4.9	5.0						
40.0	29.8	59.1	4.3	4.4						
42.0	22.5	55.0	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
29.1	65.0	73.0		11.8						
30.0	63.4	72.6	13.6	11.1						
32.0	59.9	71.5	11.4	9.6						
34.0	56.2	70.2	9.7	8.4						
36.0	52.3	68.7	8.2	7.3						
38.0	48.2	67.0	7.2	6.2						
40.0	43.8	65.1	6.2	5.3						
42.0	39.0	62.8	5.4	4.5						
44.0	33.7	60.0	4.8	3.8						
46.0	27.4	56.6	4.2	3.1						
Ángulo de pluma principal 65.0 [°]										
40.9	55.0	67.3		3.4						
42.0	52.9	66.5	3.8	3.0						
44.0	48.8	64.8	3.0	2.3						
46.0	44.8	62.9	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]: 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]
38.0 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 [°]										
13.1	78.0	80.3	15.1	23.4						
14.0	76.7	80.1	15.1	23.4						
16.0	73.7	79.5	15.1	19.4						
18.0	70.7	78.8	15.1	16.2						
20.0	67.6	78.1	14.3	14.0						
22.0	64.5	77.1	12.3	11.9						
24.0	61.2	76.1	10.8	10.5						
26.0	57.9	74.9	9.3	9.2						
28.0	54.4	73.5	8.1	8.1						
30.0	50.7	71.9	7.2	7.3						
32.0	46.9	70.1	6.4	6.6						
34.0	42.7	68.1	5.7	5.9						
36.0	38.2	65.7	5.2	5.3						
38.0	33.2	62.9	4.7	4.8						
40.0	27.3	59.4	4.3	4.4						
42.0	19.9	54.8	3.8	4.0						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	79.0		17.1						
20.0	72.8	79.0	15.1	17.1						
22.0	69.7	78.3	14.8	15.4						
24.0	66.6	77.4	13.5	13.2						
26.0	63.4	76.5	11.4	11.4						
28.0	60.2	75.4	9.9	10.1						
30.0	56.8	74.1	8.6	8.9						
32.0	53.2	72.7	7.6	7.9						
34.0	49.5	71.0	6.8	7.1						
36.0	45.6	69.2	6.1	6.4						
38.0	41.3	67.0	5.5	5.8						
40.0	36.7	64.5	4.9	5.2						
42.0	31.4	61.5	4.5	4.8						
44.0	25.2	57.8	4.1	4.3						
Ángulo de pluma principal 75.0 [°]										
30.3	65.0	75.8		11.6						
32.0	62.3	74.9	11.4	11.1						
34.0	58.9	73.8	9.8	9.7						
36.0	55.5	72.5	8.6	8.6						
38.0	51.9	71.0	7.5	7.7						
40.0	48.1	69.2	6.8	6.9						
42.0	44.1	67.3	6.1	6.2						
44.0	39.7	65.0	5.4	5.6						
46.0	34.9	62.3	4.9	5.1						
48.0	29.3	59.1	4.5	4.7						
50.0	22.5	55.0	4.1	4.3						
Ángulo de pluma principal 65.0 [°]										
42.6	55.0	69.7		6.1						
44.0	52.4	68.7	6.8	5.6						
46.0	48.7	67.0	6.1	5.0						
48.0	44.7	65.1	5.4	4.4						
50.0	40.3	62.9	4.8	3.9						
55.0	27.1	55.3	3.4	2.7						
58.0	15.8	47.5	2.7							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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 roldan- as [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
38.0 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 [°]										
11.2	78.0	71.5		21.0						
12.0	76.5	71.3	15.1	21.0						
13.0	74.6	71.0	15.1	18.3						
14.0	72.7	70.7	15.1	16.2						
16.0	68.8	70.0	14.4	13.0						
18.0	64.7	69.1	11.2	10.3						
20.0	60.5	68.0	8.8	8.5						
22.0	56.1	66.7	7.1	7.0						
24.0	51.4	65.2	5.8	5.8						
26.0	46.5	63.4	4.9	4.9						
28.0	41.0	61.3	4.1	4.1						
30.0	34.8	58.7	3.5	3.5						
32.0	27.4	55.3	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	70.4		15.0						
18.0	71.4	70.1	15.1	15.0						
20.0	67.5	69.4	13.1	11.9						
22.0	63.4	68.4	10.1	9.6						
24.0	59.1	67.3	8.2	7.9						
26.0	54.6	65.9	6.7	6.6						
28.0	49.9	64.3	5.6	5.6						
30.0	44.8	62.4	4.7	4.7						
32.0	39.1	60.2	4.0	4.0						
34.0	32.6	57.3	3.4	3.5						
36.0	24.5	53.6	2.9	3.0						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	67.6		9.6						
28.0	61.9	66.9	8.8	9.0						
30.0	57.5	65.7	7.3	7.5						
32.0	53.0	64.2	6.0	6.3						
34.0	48.1	62.5	5.2	5.4						
36.0	42.8	60.5	4.4	4.6						
38.0	36.9	58.1	3.7	3.9						
40.0	29.9	55.0	3.2	3.4						
42.0	20.9	50.8	2.8	2.9						
Ángulo de pluma principal 65.0 [°]										
37.4	55.0	62.3		6.1						
38.0	53.6	62.0	6.3	5.8						
40.0	48.8	60.3	5.5	4.9						
42.0	43.6	58.4	4.7	4.1						
44.0	37.8	56.0	4.0	3.4						
46.0	31.0	53.0	3.5	2.8						
48.0	22.4	49.0	3.0	2.2						
49.0	18.1	46.2	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]: 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]
38.0 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 [°]										
13.2	78.0	80.3	15.1	28.0						
14.0	76.8	80.1	15.1	28.0						
16.0	73.8	79.5	15.1	22.6						
18.0	70.8	78.9	15.1	18.6						
20.0	67.7	78.1	14.7	15.9						
22.0	64.5	77.2	13.3	13.5						
24.0	61.3	76.1	12.4	11.9						
26.0	57.9	74.9	10.7	10.3						
28.0	54.5	73.5	9.1	9.1						
30.0	50.8	72.0	7.9	8.0						
32.0	47.0	70.2	6.8	6.9						
34.0	42.8	68.1	5.7	5.8						
36.0	38.3	65.8	4.7	4.9						
38.0	33.3	62.9	3.9	4.0						
40.0	27.5	59.5	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
19.9	73.0	79.0		19.7						
20.0	72.8	79.0	15.1	19.7						
22.0	69.8	78.3	15.1	17.6						
24.0	66.7	77.5	14.7	15.1						
26.0	63.5	76.5	13.2	12.9						
28.0	60.2	75.4	11.9	11.4						
30.0	56.8	74.1	10.1	9.9						
32.0	53.3	72.7	8.7	8.7						
34.0	49.6	71.1	7.7	7.8						
36.0	45.7	69.2	6.8	6.9						
38.0	41.4	67.1	6.0	6.1						
40.0	36.8	64.6	5.3	5.4						
42.0	31.5	61.6	4.5	4.7						
44.0	25.3	57.8	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
30.3	65.0	75.8		10.7						
32.0	62.3	75.0	11.9	9.5						
34.0	59.0	73.8	10.4	8.3						
36.0	55.6	72.5	9.1	7.2						
38.0	52.0	71.0	7.9	6.2						
40.0	48.2	69.3	6.8	5.3						
42.0	44.2	67.3	5.8	4.5						
44.0	39.8	65.1	5.0	3.8						
46.0	35.0	62.4	4.1	3.1						
48.0	29.4	59.2	3.4	2.5						
50.0	23.6	55.1	2.7							
Ángulo de pluma principal 65.0 [°]										
42.6	55.0	69.7		2.7						
44.0	52.5	68.8	2.8	2.2						
46.0	49.0	67.1	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]: 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]
38.0 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 [°]										
11.9	78.0	74.4	15.1	18.8						
12.0	77.8	74.4	15.1	18.8						
13.0	76.0	74.1	15.1	18.2						
14.0	74.3	73.9	15.1	16.1						
16.0	70.7	73.2	13.4	12.8						
18.0	67.1	72.4	11.3	10.4						
20.0	63.3	71.4	8.8	8.4						
22.0	59.5	70.3	7.1	7.0						
24.0	55.4	69.0	5.8	5.8						
26.0	51.2	67.5	4.8	4.9						
28.0	46.6	65.7	4.1	4.1						
30.0	41.7	63.6	3.4	3.5						
32.0	36.2	61.0	2.9	3.0						
34.0	29.8	57.9	2.4	2.4						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	73.3	14.9	13.3						
20.0	69.6	72.6	13.1	11.9						
22.0	65.9	71.7	10.2	9.6						
24.0	62.1	70.7	8.1	7.8						
26.0	58.2	69.6	6.6	6.6						
28.0	54.1	68.2	5.5	5.5						
30.0	49.7	66.6	4.7	4.7						
32.0	45.1	64.7	4.0	4.0						
34.0	40.0	62.5	3.3	3.4						
36.0	34.3	59.8	2.8	2.9						
38.0	27.5	56.4	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
27.8	65.0	70.3	8.5	8.4						
28.0	64.5	70.2	8.5	8.4						
30.0	60.7	69.2	7.5	7.4						
32.0	56.7	67.9	6.3	6.3						
34.0	52.5	66.5	5.3	5.3						
36.0	48.1	64.8	4.5	4.5						
38.0	43.3	62.8	3.8	3.9						
40.0	38.0	60.4	3.2	3.3						
42.0	32.0	57.5	2.8	2.8						
44.0	24.6	53.7	2.4	2.4						
Ángulo de pluma principal 65.0 [°]										
39.1	55.0	64.8		5.3						
40.0	53.2	64.2	5.4	4.9						
42.0	48.8	62.6	4.6	4.2						
44.0	44.0	60.6	4.0	3.5						
46.0	38.8	58.3	3.4	2.8						
48.0	32.9	55.5	2.9	2.3						
50.0	26.6	51.9	2.5							
51.0	22.4	49.6	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]: 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]
38.0 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 [°]										
13.8	78.0	83.2	15.1	27.7						
14.0	77.7	83.2	15.1	27.7						
16.0	75.0	82.7	15.1	24.2						
18.0	72.2	82.1	15.1	20.2						
20.0	69.3	81.3	15.1	17.2						
22.0	66.4	80.5	13.9	14.9						
24.0	63.5	79.5	12.6	13.0						
26.0	60.4	78.4	11.5	11.5						
28.0	57.3	77.2	9.9	10.1						
30.0	54.0	75.8	8.6	9.0						
32.0	50.6	74.2	7.5	8.0						
34.0	47.0	72.4	6.3	6.7						
36.0	43.2	70.4	5.0	5.3						
38.0	39.1	68.1	3.9	4.1						
40.0	34.5	65.4	2.9	3.1						
Ángulo de pluma principal 83.0 [°]										
20.8	73.0	81.9	15.1	19.6						
22.0	71.3	81.5	15.1	19.2						
24.0	68.4	80.7	15.1	16.4						
26.0	65.5	79.8	14.1	14.2						
28.0	62.5	78.8	12.7	12.5						
30.0	59.4	77.7	11.4	11.1						
32.0	56.3	76.4	9.8	9.8						
34.0	53.0	75.0	8.6	8.7						
36.0	49.5	73.3	7.6	7.9						
38.0	45.8	71.5	6.8	7.0						
40.0	41.9	69.3	6.0	6.3						
42.0	37.7	66.9	5.4	5.6						
44.0	33.0	64.0	4.7	4.8						
46.0	27.5	60.6	3.6	3.7						
48.0	20.7	56.1	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
31.6	65.0	78.5		9.5						
32.0	64.4	78.3	11.4	9.2						
34.0	61.4	77.3	10.0	8.0						
36.0	58.3	76.1	8.8	7.0						
38.0	55.1	74.7	7.6	6.1						
40.0	51.7	73.2	6.5	5.2						
42.0	48.2	71.5	5.6	4.4						
44.0	44.5	69.6	4.7	3.7						
46.0	40.4	67.3	3.9	3.0						
48.0	36.0	64.8	3.1	2.4						
50.0	31.7	61.7	2.5							
Ángulo de pluma principal 65.0 [°]										
44.5	55.0	72.2	2.3							
45.0	54.1	71.8	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]: 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]
38.0 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 [°]										
11.9	78.0	74.4		30.1						
12.0	77.9	74.4	15.1	30.1						
13.0	76.1	74.2	15.1	30.1						
14.0	74.4	73.9	15.1	28.9						
16.0	70.8	73.2	15.1	24.3						
18.0	67.2	72.4	15.1	20.4						
20.0	63.4	71.5	15.1	16.9						
22.0	59.6	70.3	14.4	13.9						
24.0	55.5	69.0	9.6	9.4						
26.0	51.3	67.5	5.8	5.9						
28.0	46.7	65.7	3.6	3.8						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	73.3		23.9						
20.0	69.7	72.6	15.1	19.9						
22.0	66.0	71.8	15.1	16.6						
24.0	62.2	70.8	15.1	14.0						
26.0	58.3	69.6	13.9	11.8						
28.0	54.2	68.2	11.4	10.1						
30.0	49.9	66.6	9.6	8.6						
32.0	45.2	64.7	6.7	6.8						
34.0	40.1	62.5	4.1	4.1						
Ángulo de pluma principal 75.0 [°]										
27.8	65.0	70.3		9.3						
28.0	64.7	70.3	12.6	9.2						
30.0	60.8	69.2	10.6	7.6						
32.0	56.8	68.0	8.9	6.3						
34.0	52.7	66.5	7.3	5.2						
36.0	48.2	64.8	5.9	4.1						
38.0	43.4	62.8	4.6	3.2						
40.0	38.1	60.4	3.4	2.3						
42.0	32.8	57.6	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]: 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]
38.0 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 [°]										
12.5	78.0	77.3	15.1	19.4						
13.0	77.2	77.2	15.1	19.4						
14.0	75.6	77.0	15.1	18.2						
16.0	72.3	76.4	14.5	14.7						
18.0	69.0	75.6	12.9	12.1						
20.0	65.7	74.8	10.5	10.0						
22.0	62.2	73.8	8.5	8.4						
24.0	58.6	72.6	7.1	7.1						
26.0	54.9	71.2	6.0	6.1						
28.0	50.9	69.7	5.2	5.3						
30.0	46.7	67.9	4.5	4.6						
32.0	42.2	65.8	3.9	4.0						
34.0	37.3	63.4	3.4	3.5						
36.0	31.7	60.4	2.8	2.8						
Ángulo de pluma principal 83.0 [°]										
19.0	73.0	76.1	14.7	13.8						
20.0	71.3	75.8	14.7	13.7						
22.0	68.0	75.0	12.0	11.2						
24.0	64.6	74.1	9.7	9.3						
26.0	61.1	73.1	8.0	7.9						
28.0	57.4	71.8	6.8	6.8						
30.0	53.6	70.4	5.8	5.9						
32.0	49.6	68.8	5.1	5.2						
34.0	45.3	66.9	4.4	4.5						
36.0	40.7	64.7	3.8	3.9						
38.0	35.6	62.2	3.4	3.5						
40.0	29.7	59.0	3.0	3.0						
42.0	22.3	54.9	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
29.0	65.0	73.0		8.9						
30.0	63.3	72.6	8.9	8.8						
32.0	59.8	71.5	7.6	7.6						
34.0	56.1	70.2	6.5	6.6						
36.0	52.2	68.7	5.6	5.7						
38.0	48.1	67.0	4.9	5.0						
40.0	43.7	65.0	4.3	4.4						
42.0	38.9	62.7	3.7	3.8						
44.0	33.6	59.9	3.3	3.4						
46.0	27.2	56.5	3.0	3.1						
Ángulo de pluma principal 65.0 [°]										
40.8	55.0	67.3		4.7						
42.0	52.8	66.5	5.5	4.2						
44.0	48.7	64.8	4.7	3.5						
46.0	44.4	62.9	3.9	2.9						
48.0	39.6	60.6	3.2	2.3						
50.0	34.9	57.9	2.5							
51.0	32.0	56.3	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]: 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]
38.0 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 [°]										
12.5	78.0	77.4		28.2						
13.0	77.3	77.3	15.1	28.2						
14.0	75.7	77.0	15.1	27.5						
16.0	72.4	76.4	15.1	22.5						
18.0	69.1	75.7	15.1	18.5						
20.0	65.8	74.8	14.0	15.5						
22.0	62.3	73.8	12.4	13.1						
24.0	58.7	72.6	10.3	10.4						
26.0	55.0	71.3	6.9	7.0						
28.0	51.0	69.7	4.2	4.3						
30.0	46.9	67.9	2.7	2.9						
Ángulo de pluma principal 83.0 [°]										
19.0	73.0	76.1		20.4						
20.0	71.4	75.8	15.1	20.0						
22.0	68.1	75.1	15.1	16.7						
24.0	64.7	74.2	14.2	14.0						
26.0	61.2	73.1	12.9	11.9						
28.0	57.5	71.9	11.0	10.1						
30.0	53.7	70.5	9.1	8.7						
32.0	49.7	68.8	7.6	7.4						
34.0	45.5	67.0	5.2	5.2						
36.0	40.8	64.8	3.1	3.0						
Ángulo de pluma principal 75.0 [°]										
29.1	65.0	73.0		8.2						
30.0	63.4	72.6	10.2	7.5						
32.0	59.9	71.5	8.5	6.2						
34.0	56.2	70.2	7.1	5.1						
36.0	52.3	68.7	5.7	4.1						
38.0	48.2	67.0	4.5	3.2						
40.0	43.8	65.1	3.3	2.3						
42.0	39.5	62.8	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]: 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]
38.0 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 [°]										
13.1	78.0	80.3	15.1	16.5						
14.0	76.7	80.1	15.1	16.5						
16.0	73.7	79.5	13.4	13.9						
18.0	70.7	78.8	11.3	11.2						
20.0	67.6	78.1	9.7	9.4						
22.0	64.5	77.1	7.8	7.7						
24.0	61.2	76.1	6.5	6.5						
26.0	57.9	74.9	5.5	5.5						
28.0	54.4	73.5	4.6	4.7						
30.0	50.7	71.9	4.0	4.1						
32.0	46.9	70.1	3.4	3.5						
34.0	42.7	68.1	2.9	3.0						
36.0	38.2	65.7	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	79.0		11.7						
20.0	72.8	79.0	11.5	11.7						
22.0	69.7	78.3	10.5	10.5						
24.0	66.6	77.4	8.9	8.7						
26.0	63.4	76.5	7.3	7.3						
28.0	60.2	75.4	6.2	6.2						
30.0	56.8	74.1	5.3	5.3						
32.0	53.2	72.7	4.5	4.6						
34.0	49.5	71.0	3.9	4.0						
36.0	45.6	69.2	3.4	3.4						
38.0	41.3	67.0	2.9	3.0						
40.0	36.7	64.5	2.5	2.5						
42.0	31.4	61.5	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
30.3	65.0	75.8		7.3						
32.0	62.3	74.9	7.0	7.0						
34.0	58.9	73.8	5.9	6.0						
36.0	55.5	72.5	5.1	5.1						
38.0	51.9	71.0	4.3	4.4						
40.0	48.1	69.2	3.8	3.9						
42.0	44.1	67.3	3.3	3.3						
44.0	39.7	65.0	2.8	2.9						
46.0	34.9	62.3	2.4	2.5						
48.0	29.3	59.1	2.1	2.2						
Ángulo de pluma principal 65.0 [°]										
42.6	55.0	69.7		4.0						
44.0	52.4	68.7	4.5	3.5						
46.0	48.7	67.0	3.8	2.9						
48.0	44.7	65.1	3.1	2.3						
50.0	40.7	62.9	2.4							
51.0	38.4	61.7	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]: 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]
38.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 86.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.2	78.0	80.3	15.1	26.3						
14.0	76.8	80.1	15.1	26.3						
16.0	73.8	79.5	15.1	21.8						
18.0	70.8	78.9	15.1	18.0						
20.0	67.7	78.1	14.7	15.3						
22.0	64.5	77.2	12.1	12.7						
24.0	61.3	76.1	10.2	10.9						
26.0	57.9	74.9	7.5	7.9						
28.0	54.5	73.5	4.9	5.2						
30.0	50.8	72.0	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
19.9	73.0	79.0		18.6						
20.0	72.8	79.0	15.1	18.6						
22.0	69.8	78.3	15.1	16.8						
24.0	66.7	77.5	15.0	14.1						
26.0	63.5	76.5	12.8	12.0						
28.0	60.2	75.4	11.2	10.2						
30.0	56.8	74.1	9.4	8.7						
32.0	53.3	72.7	8.0	7.4						
34.0	49.6	71.1	6.7	6.4						
36.0	45.7	69.2	4.6	4.6						
Ángulo de pluma principal 75.0 [°]										
30.3	65.0	75.8		7.2						
32.0	62.3	75.0	8.3	6.1						
34.0	59.0	73.8	6.8	5.0						
36.0	55.6	72.5	5.6	4.1						
38.0	52.0	71.0	4.5	3.2						
40.0	48.2	69.3	3.3	2.4						
42.0	44.5	67.3	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]: 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]
38.0 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 [°]										
13.7	78.0	83.2		14.8						
14.0	77.6	83.2	15.1	14.8						
16.0	74.9	82.6	14.0	12.9						
18.0	72.1	82.0	11.2	10.5						
20.0	69.3	81.3	8.8	8.6						
22.0	66.4	80.5	7.2	7.2						
24.0	63.4	79.5	5.9	5.9						
26.0	60.4	78.4	5.0	5.0						
28.0	57.2	77.1	4.2	4.2						
30.0	54.0	75.7	3.5	3.6						
32.0	50.5	74.2	3.0	3.1						
34.0	47.0	72.4	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
20.7	73.0	81.9		10.0						
22.0	71.2	81.5	9.6	9.8						
24.0	68.3	80.7	7.7	8.0						
26.0	65.4	79.8	6.4	6.7						
28.0	62.4	78.8	5.4	5.6						
30.0	59.4	77.7	4.6	4.8						
32.0	56.2	76.4	3.9	4.1						
34.0	52.9	74.9	3.3	3.5						
36.0	49.4	73.3	2.9	3.0						
38.0	45.8	71.4	2.4	2.6						
Ángulo de pluma principal 75.0 [°]										
31.6	65.0	78.5	5.8	6.0						
32.0	64.4	78.3	5.7	6.0						
34.0	61.3	77.3	5.2	5.4						
36.0	58.2	76.1	4.4	4.7						
38.0	55.0	74.7	3.8	4.0						
40.0	51.6	73.2	3.2	3.4						
42.0	48.1	71.5	2.8	2.9						
44.0	44.4	69.5	2.4	2.5						
Ángulo de pluma principal 65.0 [°]										
44.3	55.0	72.2		3.5						
46.0	52.1	71.0	3.4	2.9						
48.0	48.6	69.3	2.9	2.4						
50.0	45.2	67.4	2.4							
51.0	43.3	66.3	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]: 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]
38.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 89.5 m Plumín 43.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	83.2	15.1	27.1						
14.0	77.7	83.2	15.1	27.1						
16.0	75.0	82.7	15.1	24.8						
18.0	72.2	82.1	15.1	20.8						
20.0	69.3	81.3	15.1	17.7						
22.0	66.4	80.5	13.1	14.3						
24.0	63.5	79.5	9.9	10.7						
26.0	60.4	78.4	7.6	8.1						
28.0	57.3	77.2	5.2	5.5						
30.0	54.0	75.8	3.2	3.4						
Ángulo de pluma principal 83.0 [°]										
20.8	73.0	81.9	15.1	18.6						
22.0	71.3	81.5	15.1	16.7						
24.0	68.4	80.7	15.1	14.0						
26.0	65.5	79.8	14.3	11.9						
28.0	62.5	78.8	12.8	10.1						
30.0	59.4	77.7	11.4	8.6						
32.0	56.3	76.4	9.0	7.3						
34.0	53.0	75.0	7.0	6.2						
36.0	49.5	73.3	5.5	5.3						
38.0	45.8	71.5	3.9	3.9						
Ángulo de pluma principal 75.0 [°]										
31.6	65.0	78.5		6.1						
32.0	64.4	78.3	7.8	5.9						
34.0	61.4	77.3	6.4	4.8						
36.0	58.3	76.1	5.2	3.8						
38.0	55.1	74.7	4.1	3.0						
40.0	51.7	73.2	3.2	2.3						
42.0	48.5	71.5	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]: 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]
38.0 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 [°]										
14.4	78.0	86.1	15.0	13.8						
16.0	75.9	85.8	14.2	13.1						
18.0	73.3	85.2	11.1	10.6						
20.0	70.7	84.5	8.7	8.6						
22.0	68.0	83.7	7.1	7.2						
24.0	65.3	82.8	5.9	5.9						
26.0	62.5	81.8	4.9	5.0						
28.0	59.6	80.7	4.2	4.2						
30.0	56.7	79.4	3.5	3.6						
32.0	53.6	78.0	2.9	3.0						
34.0	50.4	76.4	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
21.6	73.0	84.7	8.7	9.0						
22.0	72.5	84.6	8.7	9.0						
24.0	69.8	83.9	7.7	8.0						
26.0	67.1	83.1	6.4	6.7						
28.0	64.4	82.2	5.3	5.6						
30.0	61.6	81.1	4.6	4.8						
32.0	58.7	80.0	3.9	4.1						
34.0	55.7	78.6	3.3	3.5						
36.0	52.6	77.2	2.8	3.0						
38.0	49.3	75.5	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
32.8	65.0	81.2		5.4						
34.0	63.4	80.7	5.2	5.4						
36.0	60.5	79.6	4.5	4.6						
38.0	57.6	78.3	3.9	4.0						
40.0	54.6	77.0	3.2	3.3						
42.0	51.4	75.4	2.8	2.9						
44.0	48.1	73.7	2.4	2.4						
Ángulo de pluma principal 65.0 [°]										
46.0	55.0	74.6		2.8						
48.0	51.9	73.2	2.9	2.3						
50.0	48.8	71.5	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]: 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]
38.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.4	78.0	86.2		23.5						
16.0	76.0	85.8	15.1	23.2						
18.0	73.4	85.2	15.1	19.3						
20.0	70.7	84.5	14.9	16.4						
22.0	68.1	83.8	14.6	14.4						
24.0	65.3	82.9	11.2	11.2						
26.0	62.6	81.9	8.3	8.7						
28.0	59.7	80.7	6.2	6.6						
30.0	56.7	79.5	4.2	4.4						
Ángulo de pluma principal 83.0 [°]										
21.6	73.0	84.8		16.8						
22.0	72.5	84.7	15.1	16.7						
24.0	69.9	84.0	15.1	14.1						
26.0	67.2	83.1	14.2	11.9						
28.0	64.5	82.2	12.3	10.1						
30.0	61.6	81.2	10.6	8.6						
32.0	58.8	80.0	9.0	7.3						
34.0	55.8	78.7	7.3	6.2						
36.0	52.7	77.2	5.9	5.3						
38.0	49.4	75.6	4.8	4.4						
40.0	46.0	73.7	3.5	3.6						
Ángulo de pluma principal 75.0 [°]										
32.9	65.0	81.2		5.3						
34.0	63.4	80.7	6.2	4.7						
36.0	60.6	79.6	5.0	3.8						
38.0	57.7	78.4	4.0	2.9						
40.0	54.7	77.0	3.0	2.2						
42.0	51.7	75.5	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]: 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]
38.0 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 [°]										
15.0	78.0	89.1	11.4	12.5						
16.0	76.8	88.8	11.4	12.5						
18.0	74.4	88.3	10.1	10.3						
20.0	71.9	87.7	8.5	8.4						
22.0	69.4	87.0	6.9	7.0						
24.0	66.9	86.1	5.8	5.9						
26.0	64.3	85.2	4.8	4.9						
28.0	61.7	84.2	4.0	4.1						
30.0	58.9	83.0	3.4	3.5						
32.0	56.2	81.7	2.9	2.9						
34.0	53.3	80.2	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
22.5	73.0	87.6	7.7	8.1						
24.0	71.1	87.1	7.5	7.8						
26.0	68.6	86.4	6.2	6.5						
28.0	66.1	85.5	5.3	5.5						
30.0	63.5	84.5	4.4	4.7						
32.0	60.8	83.4	3.8	4.0						
34.0	58.1	82.2	3.2	3.4						
36.0	55.2	80.9	2.7	2.8						
38.0	52.3	79.4	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
34.1	65.0	83.9		4.7						
36.0	62.5	83.0	4.4	4.5						
38.0	59.8	81.9	3.7	3.8						
40.0	57.1	80.6	3.2	3.3						
42.0	54.2	79.2	2.7	2.7						
44.0	51.2	77.7	2.2	2.3						
Ángulo de pluma principal 65.0 [°]										
47.7	55.0	77.1		2.3						
48.0	54.6	77.0	2.5	2.2						
50.0	51.8	75.4	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]: 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]
38.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 95.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.0	78.0	89.1		22.1						
16.0	76.8	88.9	15.1	22.1						
18.0	74.4	88.3	15.1	19.1						
20.0	72.0	87.7	14.7	16.3						
22.0	69.5	87.0	13.8	14.1						
24.0	67.0	86.2	11.8	11.6						
26.0	64.4	85.2	8.8	8.9						
28.0	61.7	84.2	6.5	6.8						
30.0	59.0	83.0	4.7	5.0						
32.0	56.2	81.7	3.0	3.2						
Ángulo de pluma principal 83.0 [°]										
22.5	73.0	87.6		15.7						
24.0	71.2	87.1	15.1	13.9						
26.0	68.7	86.4	13.7	11.7						
28.0	66.1	85.5	11.8	9.9						
30.0	63.5	84.6	10.0	8.4						
32.0	60.9	83.5	8.7	7.2						
34.0	58.1	82.3	7.2	6.0						
36.0	55.3	80.9	5.8	5.1						
38.0	52.4	79.4	4.7	4.2						
40.0	49.3	77.8	3.8	3.5						
42.0	46.1	75.9	2.8	2.8						
Ángulo de pluma principal 75.0 [°]										
34.2	65.0	83.9	5.6	4.3						
36.0	62.6	83.0	4.6	3.5						
38.0	59.9	81.9	3.5	2.7						
40.0	57.3	80.7	2.6							
41.0	55.9	80.0	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]: 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]
38.0 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 [°]										
15.6	78.0	92.0	9.0	10.1						
16.0	77.6	91.9	9.0	10.1						
18.0	75.3	91.4	8.3	9.3						
20.0	73.0	90.8	7.2	7.8						
22.0	70.7	90.2	6.0	6.3						
24.0	68.3	89.4	5.2	5.2						
26.0	65.9	88.5	4.2	4.3						
28.0	63.4	87.5	3.5	3.6						
30.0	60.9	86.5	2.9	3.0						
32.0	58.4	85.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
23.3	73.0	90.5		6.7						
24.0	72.2	90.3	6.4	6.7						
26.0	69.9	89.6	5.7	5.9						
28.0	67.5	88.8	4.8	5.0						
30.0	65.1	87.9	4.0	4.1						
32.0	62.6	86.9	3.3	3.5						
34.0	60.1	85.8	2.8	2.9						
36.0	57.5	84.5	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
35.4	65.0	86.6	3.6	3.7						
36.0	64.2	86.4	3.6	3.7						
38.0	61.7	85.3	3.2	3.3						
40.0	59.2	84.2	2.7	2.8						
42.0	56.6	82.9	2.2	2.3						
43.0	55.2	82.1		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]: 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]
38.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 98.5 m Plumín 52.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.7	78.0	92.0	15.1	20.0						
16.0	77.6	92.0	15.1	20.0						
18.0	75.3	91.5	15.1	18.5						
20.0	73.0	90.9	15.1	15.9						
22.0	70.7	90.2	13.5	13.6						
24.0	68.4	89.4	12.4	12.0						
26.0	66.0	88.6	9.4	9.2						
28.0	63.5	87.6	6.8	6.9						
30.0	61.0	86.5	4.9	5.2						
32.0	58.4	85.3	3.6	3.8						
Ángulo de pluma principal 83.0 [°]										
23.4	73.0	90.5		14.2						
24.0	72.3	90.3	14.3	13.7						
26.0	70.0	89.6	13.2	11.6						
28.0	67.6	88.8	11.3	9.8						
30.0	65.2	87.9	9.7	8.3						
32.0	62.7	86.9	8.3	7.0						
34.0	60.2	85.8	7.3	5.9						
36.0	57.6	84.6	5.9	4.9						
38.0	54.9	83.2	4.7	4.1						
40.0	52.2	81.7	3.7	3.3						
42.0	49.3	80.0	2.9	2.7						
Ángulo de pluma principal 75.0 [°]										
35.4	65.0	86.6		3.5						
36.0	64.3	86.4	4.2	3.3						
38.0	61.8	85.4	3.2	2.4						
40.0	59.4	84.2	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]: 74.0
 Lastre central [t]: 0.0

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]
41.0 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 [°]										
7.6	78.0	56.9	15.1	30.1						
8.0	76.2	56.8	15.1	30.1						
9.0	71.5	56.4	15.1	24.2						
10.0	66.7	56.0	15.1	18.1						
11.0	61.7	55.5	15.1	14.3						
12.0	56.5	54.8	12.8	11.8						
13.0	50.8	54.0	11.1	10.0						
14.0	44.5	53.1	9.3	8.6						
16.0	28.6	50.3	6.9	6.7						
Ángulo de pluma principal 83.0 [°]										
12.3	73.0	56.2		25.7						
13.0	69.7	55.9	15.1	21.3						
14.0	64.9	55.5	15.1	16.3						
16.0	54.4	54.2	12.1	11.0						
18.0	42.0	52.3	8.7	8.1						
Ángulo de pluma principal 75.0 [°]										
19.7	65.0	54.2	15.1	15.9						
20.0	63.3	54.1	15.1	15.2						
22.0	52.6	52.7	11.6	10.4						
24.0	39.7	50.7	8.2	7.7						
Ángulo de pluma principal 65.0 [°]										
28.3	55.0	50.3		10.9						
30.0	45.1	48.9	8.1	8.6						
32.0	29.5	46.2	6.2	6.6						
Ángulo de pluma principal 45.0 [°]										
43.1	35.0	38.4		5.1						
44.0	26.1	37.0	5.7	4.7						
45.0	15.2	34.2	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]: 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]
41.0 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 [°]										
8.2	78.0	59.8		30.1						
9.0	75.1	59.6	15.1	30.0						
10.0	71.3	59.3	15.1	24.3						
11.0	67.5	58.8	15.1	19.5						
12.0	63.5	58.4	15.1	16.0						
13.0	59.3	57.8	14.1	13.7						
14.0	54.9	57.1	12.5	11.9						
16.0	45.3	55.3	9.8	9.3						
18.0	33.4	52.8	7.7	7.6						
Ángulo de pluma principal 83.0 [°]										
13.2	73.0	59.0	15.1	25.9						
14.0	69.9	58.7	15.1	22.1						
16.0	61.9	57.8	15.1	15.1						
18.0	53.2	56.4	12.0	11.2						
20.0	43.2	54.6	9.3	8.9						
22.0	30.6	51.8	7.4	7.4						
Ángulo de pluma principal 75.0 [°]										
20.9	65.0	56.9		16.4						
22.0	60.6	56.4	15.0	14.2						
24.0	51.8	54.9	11.6	10.7						
26.0	41.5	53.0	8.8	8.6						
28.0	28.1	50.0	7.2	7.1						
Ángulo de pluma principal 65.0 [°]										
30.1	55.0	52.8		11.5						
32.0	45.7	51.2	9.7	9.3						
34.0	33.9	48.7	7.6	7.5						
Ángulo de pluma principal 45.0 [°]										
45.5	35.0	40.1		4.4						
46.0	31.7	39.6	5.0	4.2						
47.0	23.2	37.7	4.7	3.8						

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]
41.0 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 [°]										
8.3	78.0	59.8	15.1	30.1						
9.0	75.3	59.6	15.1	30.1						
10.0	71.6	59.3	15.1	30.1						
11.0	67.7	58.9	15.1	27.4						
12.0	63.7	58.4	15.1	22.7						
13.0	59.5	57.8	15.1	19.3						
14.0	55.2	57.1	15.1	16.5						
16.0	45.5	55.4	13.6	12.9						
18.0	33.6	52.8	11.1	10.5						
Ángulo de pluma principal 83.0 [°]										
13.2	73.0	59.0		30.1						
14.0	70.1	58.8	15.1	29.5						
16.0	62.1	57.8	15.1	21.2						
18.0	53.4	56.5	15.1	15.6						
20.0	43.5	54.6	12.9	12.3						
22.0	30.9	51.9	10.7	10.1						
Ángulo de pluma principal 75.0 [°]										
21.0	65.0	56.9		23.1						
22.0	60.8	56.4	15.1	19.9						
24.0	52.0	55.0	14.2	14.9						
26.0	41.8	53.0	11.4	11.7						
28.0	28.4	50.1	9.3	9.7						
Ángulo de pluma principal 65.0 [°]										
30.1	55.0	52.8		12.5						
32.0	46.0	51.2	13.3	10.8						
34.0	34.2	48.7	10.2	9.3						
Ángulo de pluma principal 45.0 [°]										
45.6	35.0	40.1		2.1						
46.0	33.4	39.7	2.4							
47.0	25.8	37.7	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]: 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]
41.0 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 [°]										
8.8	78.0	62.7		30.1						
9.0	77.5	62.7	15.1	30.1						
10.0	74.4	62.4	15.1	28.8						
11.0	71.2	62.1	15.1	23.7						
12.0	68.0	61.7	15.1	20.0						
13.0	64.6	61.2	15.1	17.1						
14.0	61.2	60.7	15.0	15.0						
16.0	53.9	59.3	12.7	11.8						
18.0	45.8	57.6	10.5	9.7						
20.0	36.2	55.2	8.4	8.1						
22.0	23.1	51.6	7.0	6.8						
Ángulo de pluma principal 83.0 [°]										
14.1	73.0	61.9	15.1	25.2						
16.0	66.7	61.1	15.1	18.7						
18.0	59.8	60.1	14.1	14.3						
20.0	52.4	58.7	11.0	11.4						
22.0	44.1	56.8	8.9	9.4						
24.0	34.1	54.3	7.4	7.9						
Ángulo de pluma principal 75.0 [°]										
22.2	65.0	59.6		16.6						
24.0	58.7	58.6	15.0	13.7						
26.0	51.2	57.2	12.1	11.0						
28.0	42.7	55.2	9.6	9.1						
30.0	32.3	52.5	7.9	7.7						
Ángulo de pluma principal 65.0 [°]										
31.8	55.0	55.2		11.8						
32.0	54.2	55.2	13.3	11.8						
34.0	46.1	53.4	10.7	9.8						
36.0	36.6	51.1	8.5	8.2						
38.0	23.8	47.6	7.2	7.0						
Ángulo de pluma principal 45.0 [°]										
48.0	35.0	41.8		3.9						
50.0	21.1	38.3	3.9	3.3						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
41.0 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 [°]										
8.9	78.0	62.7	15.1	30.1						
9.0	77.7	62.7	15.1	30.1						
10.0	74.6	62.5	15.1	30.1						
11.0	71.4	62.1	15.1	30.0						
12.0	68.1	61.7	15.1	28.0						
13.0	64.8	61.2	15.1	23.6						
14.0	61.4	60.7	15.1	20.5						
16.0	54.1	59.4	15.1	15.9						
18.0	46.0	57.6	13.7	12.8						
20.0	36.4	55.2	11.2	10.4						
22.0	23.4	51.7	9.1	8.6						
Ángulo de pluma principal 83.0 [°]										
14.1	73.0	61.9	15.1	30.1						
16.0	66.9	61.2	15.1	26.2						
18.0	60.0	60.1	15.1	19.5						
20.0	52.6	58.7	15.1	15.2						
22.0	44.3	56.9	13.0	12.3						
24.0	34.3	54.3	11.0	10.2						
Ángulo de pluma principal 75.0 [°]										
22.3	65.0	59.6	15.1	22.8						
24.0	58.9	58.7	15.1	18.6						
26.0	51.4	57.2	15.1	14.7						
28.0	42.9	55.3	12.9	12.0						
30.0	32.5	52.6	10.8	10.0						
Ángulo de pluma principal 65.0 [°]										
31.8	55.0	55.2	13.1	11.1						
32.0	54.4	55.2	11.6	11.0						
34.0	46.3	53.5	9.7	9.5						
36.0	36.8	51.1	8.2	8.3						
38.0	24.1	47.7	7.4	7.2						
39.0	17.0	44.8								

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]
41.0 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 [°]										
9.5	78.0	65.7	15.1	30.1						
10.0	76.6	65.5	15.1	29.7						
11.0	73.9	65.3	15.1	24.6						
12.0	71.1	64.9	15.1	20.4						
13.0	68.3	64.5	15.1	17.7						
14.0	65.5	64.1	15.1	15.4						
16.0	59.5	63.0	13.9	12.3						
18.0	53.1	61.6	10.9	10.1						
20.0	46.1	59.8	8.9	8.5						
22.0	38.1	57.5	7.3	7.2						
24.0	28.0	54.4	6.3	6.2						
Ángulo de pluma principal 83.0 [°]										
14.9	73.0	64.8		21.8						
16.0	70.1	64.4	15.1	19.2						
18.0	64.4	63.5	15.1	14.7						
20.0	58.3	62.4	13.2	11.8						
22.0	51.8	60.9	10.5	9.8						
24.0	44.7	59.1	8.6	8.2						
26.0	36.4	56.6	7.1	7.0						
28.0	25.7	53.3	6.1	6.1						
Ángulo de pluma principal 75.0 [°]										
23.5	65.0	62.3	15.1	14.6						
24.0	63.4	62.1	15.1	14.2						
26.0	57.3	60.9	12.8	11.5						
28.0	50.8	59.4	10.1	9.5						
30.0	43.5	57.5	8.3	8.0						
32.0	34.9	55.0	6.9	6.8						
34.0	23.6	51.3	6.0	5.9						
Ángulo de pluma principal 65.0 [°]										
33.5	55.0	57.7		10.3						
34.0	53.4	57.4	11.1	10.2						
36.0	46.4	55.7	8.9	8.6						
38.0	38.4	53.4	7.4	7.2						
40.0	28.5	50.3	6.4	6.3						
Ángulo de pluma principal 45.0 [°]										
50.4	35.0	43.5		3.2						
53.0	19.5	38.8	3.1	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]: 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]
41.0 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 [°]										
9.5	78.0	65.7		30.1						
10.0	76.7	65.6	15.1	30.1						
11.0	74.0	65.3	15.1	30.1						
12.0	71.3	64.9	15.1	27.4						
13.0	68.5	64.5	15.1	24.8						
14.0	65.6	64.1	15.1	21.3						
16.0	59.7	63.0	14.9	16.7						
18.0	53.3	61.6	14.2	13.6						
20.0	46.3	59.9	12.3	11.3						
22.0	38.3	57.6	9.9	9.4						
24.0	28.2	54.5	8.2	8.0						
Ángulo de pluma principal 83.0 [°]										
15.0	73.0	64.8		30.1						
16.0	70.2	64.4	15.1	27.1						
18.0	64.5	63.5	15.1	20.2						
20.0	58.5	62.4	14.8	16.0						
22.0	52.0	60.9	14.3	13.1						
24.0	44.9	59.1	11.9	10.9						
26.0	36.6	56.7	9.6	9.2						
28.0	25.9	53.3	8.0	7.8						
Ángulo de pluma principal 75.0 [°]										
23.5	65.0	62.4		19.9						
24.0	63.6	62.2	15.1	19.5						
26.0	57.5	61.0	14.7	15.5						
28.0	50.9	59.5	12.4	12.7						
30.0	43.6	57.5	10.2	10.6						
32.0	35.1	55.0	8.5	9.1						
34.0	23.8	51.4	7.2	7.7						
Ángulo de pluma principal 65.0 [°]										
33.6	55.0	57.7		10.1						
34.0	53.6	57.4	11.6	9.8						
36.0	46.6	55.7	10.4	8.6						
38.0	38.6	53.5	9.2	7.5						
40.0	28.7	50.4	8.0	6.6						
42.0	15.7	45.2	6.7							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
41.0 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 [°]										
10.1	78.0	68.6	15.1	27.6						
11.0	75.9	68.4	15.1	24.9						
12.0	73.5	68.1	15.1	21.1						
13.0	71.0	67.7	15.1	18.1						
14.0	68.6	67.3	15.0	16.0						
16.0	63.5	66.4	13.6	12.7						
18.0	58.2	65.2	11.5	10.5						
20.0	52.5	63.8	9.1	8.8						
22.0	46.4	62.0	7.7	7.5						
24.0	39.4	59.8	6.5	6.5						
26.0	31.2	57.0	5.6	5.6						
Ángulo de pluma principal 83.0 [°]										
15.8	73.0	67.6		19.3						
16.0	72.6	67.6	15.1	19.3						
18.0	67.6	66.8	15.0	15.3						
20.0	62.5	65.8	13.4	12.2						
22.0	57.2	64.6	10.9	10.1						
24.0	51.4	63.1	8.8	8.6						
26.0	45.1	61.3	7.5	7.3						
28.0	38.0	59.0	6.3	6.3						
30.0	29.4	55.9	5.5	5.5						
Ángulo de pluma principal 75.0 [°]										
24.7	65.0	65.1		13.0						
26.0	61.7	64.4	13.2	11.8						
28.0	56.3	63.2	10.5	9.8						
30.0	50.5	61.6	8.5	8.4						
32.0	44.1	59.7	7.2	7.1						
34.0	36.8	57.3	6.2	6.2						
36.0	27.8	54.1	5.4	5.4						
Ángulo de pluma principal 65.0 [°]										
35.2	55.0	60.1		9.1						
36.0	52.8	59.7	9.2	8.9						
38.0	46.6	57.9	7.7	7.6						
40.0	39.7	55.7	6.6	6.5						
42.0	31.6	52.9	5.7	5.8						
Ángulo de pluma principal 45.0 [°]										
52.9	35.0	45.2		2.7						
55.0	24.9	41.8	2.7	2.3						
56.0	18.1	39.3	2.4	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]: 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]
41.0 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 [°]										
10.1	78.0	68.6		30.1						
11.0	76.0	68.4	15.1	30.1						
12.0	73.6	68.1	15.1	29.4						
13.0	71.2	67.8	15.1	25.1						
14.0	68.7	67.4	15.1	22.2						
16.0	63.7	66.4	15.1	17.2						
18.0	58.3	65.3	13.4	14.1						
20.0	52.7	63.9	11.2	11.7						
22.0	46.5	62.1	9.4	9.9						
24.0	39.6	59.9	7.8	8.3						
26.0	31.4	57.0	6.7	7.2						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	67.6	15.1	26.8						
16.0	72.7	67.6	15.1	26.8						
18.0	67.8	66.9	15.1	21.1						
20.0	62.7	65.9	15.1	16.5						
22.0	57.3	64.7	13.6	13.5						
24.0	51.6	63.2	12.1	11.3						
26.0	45.3	61.3	10.0	9.6						
28.0	38.2	59.0	8.3	8.1						
30.0	29.6	56.0	7.0	7.0						
Ángulo de pluma principal 75.0 [°]										
24.8	65.0	65.1		17.5						
26.0	61.9	64.5	15.1	16.0						
28.0	56.4	63.2	14.1	13.2						
30.0	50.6	61.7	11.8	11.1						
32.0	44.2	59.8	9.8	9.4						
34.0	36.9	57.4	8.1	8.1						
36.0	28.0	54.2	7.0	7.0						
Ángulo de pluma principal 65.0 [°]										
35.3	55.0	60.1		8.9						
36.0	52.9	59.7	10.0	8.5						
38.0	46.8	57.9	8.9	7.5						
40.0	39.9	55.8	7.9	6.5						
42.0	31.8	52.9	7.0	5.7						
44.0	20.7	48.8	6.1	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]: 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]
41.0 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 [°]										
10.7	78.0	71.5		30.1						
11.0	77.4	71.5	15.1	30.1						
12.0	75.3	71.2	15.1	30.1						
13.0	73.2	70.9	15.1	28.9						
14.0	71.0	70.6	15.1	25.6						
16.0	66.6	69.7	15.1	20.9						
18.0	62.0	68.7	15.1	17.5						
20.0	57.2	67.5	14.4	15.1						
22.0	52.1	66.1	13.7	13.2						
24.0	46.6	64.3	12.4	11.8						
26.0	40.5	62.1	10.9	10.5						
28.0	33.4	59.4	9.6	9.6						
30.0	24.6	55.8	8.7	8.7						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	70.5	15.1	27.3						
18.0	70.2	70.1	15.1	24.7						
20.0	65.7	69.2	15.1	20.1						
22.0	61.1	68.2	15.1	17.0						
24.0	56.2	66.9	14.4	14.7						
26.0	51.1	65.4	13.9	13.0						
28.0	45.5	63.5	12.1	11.5						
30.0	39.2	61.3	10.6	10.3						
32.0	32.0	58.4	9.5	9.4						
34.0	22.6	54.5	8.6	8.6						
Ángulo de pluma principal 75.0 [°]										
26.0	65.0	67.8		18.7						
28.0	60.3	66.7	15.1	16.5						
30.0	55.4	65.4	14.4	14.3						
32.0	50.2	63.9	13.5	12.7						
34.0	44.5	62.0	11.9	11.3						
36.0	38.2	59.7	10.4	10.2						
38.0	30.7	56.7	9.4	9.3						
40.0	20.7	52.5	8.5	8.5						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	62.6		10.7						
38.0	52.3	61.9	11.6	10.1						
40.0	46.8	60.1	10.7	9.2						
42.0	40.7	58.0	9.8	8.4						
44.0	33.8	55.3	9.0	7.6						
46.0	25.1	51.7	8.2	6.8						
Ángulo de pluma principal 45.0 [°]										
55.4	35.0	47.0		2.1						
57.0	29.2	44.5	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]: 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]
41.0 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 [°]										
8.8	78.0	62.7		30.1						
9.0	77.5	62.7	15.1	30.1						
10.0	74.4	62.4	15.1	30.1						
11.0	71.2	62.1	15.1	27.9						
12.0	68.0	61.7	15.1	25.1						
13.0	64.6	61.2	15.1	21.3						
14.0	61.2	60.7	15.1	18.6						
16.0	53.9	59.3	15.0	14.6						
18.0	45.8	57.6	13.3	11.9						
20.0	36.2	55.2	10.5	9.7						
22.0	23.1	51.6	8.6	8.2						
Ángulo de pluma principal 83.0 [°]										
14.1	73.0	61.9	15.1	30.1						
16.0	66.7	61.1	15.1	23.6						
18.0	59.8	60.1	15.1	17.7						
20.0	52.4	58.7	15.1	14.0						
22.0	44.1	56.8	12.7	11.4						
24.0	34.1	54.3	10.1	9.5						
Ángulo de pluma principal 75.0 [°]										
22.2	65.0	59.6		20.3						
24.0	58.7	58.6	15.1	17.0						
26.0	51.2	57.2	14.8	13.5						
28.0	42.7	55.2	12.3	11.1						
30.0	32.3	52.5	9.9	9.4						
Ángulo de pluma principal 65.0 [°]										
31.8	55.0	55.2		11.0						
32.0	54.2	55.2	13.8	10.8						
34.0	46.1	53.4	12.3	9.4						
36.0	36.6	51.1	10.8	8.1						
38.0	23.8	47.6	9.0	6.9						
Ángulo de pluma principal 45.0 [°]										
48.2	35.0	41.8	2.4							
49.0	30.2	40.4	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]: 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]
41.0 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 [°]										
10.8	78.0	71.6	15.1	30.1						
11.0	77.5	71.5	15.1	30.1						
12.0	75.4	71.2	15.1	30.1						
13.0	73.3	70.9	15.1	29.9						
14.0	71.1	70.6	15.1	29.0						
16.0	66.7	69.8	15.1	25.0						
18.0	62.1	68.8	15.1	20.6						
20.0	57.3	67.6	15.1	17.4						
22.0	52.2	66.1	15.1	15.0						
24.0	46.7	64.3	13.9	13.2						
26.0	40.6	62.2	12.0	11.6						
28.0	33.6	59.5	10.5	10.3						
30.0	24.8	55.8	9.3	9.2						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	70.5		30.1						
18.0	70.3	70.1	15.1	29.1						
20.0	65.8	69.2	15.1	23.9						
22.0	61.2	68.2	15.1	20.0						
24.0	56.4	66.9	15.1	16.8						
26.0	51.2	65.4	15.1	14.6						
28.0	45.6	63.6	13.3	12.8						
30.0	39.4	61.3	11.7	11.3						
32.0	32.1	58.5	10.4	10.2						
34.0	22.7	54.6	9.1	9.1						
Ángulo de pluma principal 75.0 [°]										
26.1	65.0	67.8	15.1	18.2						
28.0	60.5	66.8	15.1	16.1						
30.0	55.6	65.5	15.1	14.3						
32.0	50.4	63.9	15.1	12.8						
34.0	44.7	62.0	13.4	11.4						
36.0	38.3	59.7	11.6	10.3						
38.0	30.8	56.8	10.3	9.2						
40.0	20.9	52.6	9.1	8.2						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	62.6		7.9						
38.0	52.4	61.9	8.7	7.4						
40.0	46.9	60.2	7.7	6.5						
42.0	40.9	58.0	6.8	5.7						
44.0	33.9	55.4	6.0	5.0						
46.0	25.2	51.8	5.3	4.3						
47.0	19.5	49.4	4.9	4.0						

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]
41.0 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 [°]										
9.5	78.0	65.7	15.1	30.1						
10.0	76.6	65.5	15.1	30.1						
11.0	73.9	65.3	15.1	27.8						
12.0	71.1	64.9	15.1	23.4						
13.0	68.3	64.5	15.1	20.2						
14.0	65.5	64.1	15.1	17.5						
16.0	59.5	63.0	14.4	13.9						
18.0	53.1	61.6	11.9	11.1						
20.0	46.1	59.8	9.8	9.2						
22.0	38.1	57.5	7.9	7.7						
24.0	28.0	54.4	6.6	6.5						
Ángulo de pluma principal 83.0 [°]										
14.9	73.0	64.8		24.2						
16.0	70.1	64.4	15.1	22.1						
18.0	64.4	63.5	15.1	16.6						
20.0	58.3	62.4	13.9	13.3						
22.0	51.8	60.9	11.6	10.8						
24.0	44.7	59.1	9.5	8.9						
26.0	36.4	56.6	7.6	7.5						
28.0	25.7	53.3	6.5	6.4						
Ángulo de pluma principal 75.0 [°]										
23.5	65.0	62.3	15.1	16.1						
24.0	63.4	62.1	15.1	16.1						
26.0	57.3	60.9	14.6	12.8						
28.0	50.8	59.4	11.4	10.5						
30.0	43.5	57.5	9.2	8.7						
32.0	34.9	55.0	7.5	7.4						
34.0	23.6	51.3	6.4	6.3						
Ángulo de pluma principal 65.0 [°]										
33.5	55.0	57.7		9.9						
34.0	53.4	57.4	12.2	9.6						
36.0	46.4	55.7	10.0	8.4						
38.0	38.4	53.4	8.2	7.3						
40.0	28.5	50.3	6.9	6.3						
42.0	15.2	45.1	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]
41.0 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 [°]										
11.4	78.0	74.5	15.1	30.1						
12.0	76.9	74.4	15.1	30.1						
13.0	74.9	74.1	15.1	30.1						
14.0	73.0	73.8	15.1	28.7						
16.0	69.1	73.0	15.1	23.9						
18.0	65.0	72.2	15.1	19.5						
20.0	60.8	71.1	15.0	16.5						
22.0	56.5	69.8	13.8	14.2						
24.0	51.8	68.3	12.8	12.4						
26.0	46.9	66.6	11.4	11.0						
28.0	41.4	64.5	9.8	9.6						
30.0	35.3	61.9	8.5	8.6						
32.0	28.0	58.6	7.6	7.7						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	73.4		28.0						
18.0	72.3	73.3	15.1	27.9						
20.0	68.3	72.5	15.1	22.9						
22.0	64.2	71.6	15.1	18.8						
24.0	60.0	70.5	14.8	16.1						
26.0	55.6	69.2	13.7	13.8						
28.0	50.9	67.7	12.9	12.1						
30.0	45.9	65.8	11.1	10.7						
32.0	40.3	63.6	9.6	9.5						
34.0	34.0	60.9	8.4	8.5						
36.0	26.3	57.5	7.5	7.6						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	70.5		16.7						
28.0	63.6	70.2	15.1	16.0						
30.0	59.3	69.1	15.1	14.2						
32.0	54.9	67.7	13.3	12.7						
34.0	50.1	66.2	11.5	11.4						
36.0	45.0	64.3	10.1	10.2						
38.0	39.4	62.0	8.8	9.1						
40.0	32.9	59.2	7.8	8.2						
42.0	24.9	55.6	7.1	7.4						
Ángulo de pluma principal 65.0 [°]										
38.7	55.0	65.1		6.9						
40.0	52.0	64.2	7.4	6.3						
42.0	47.1	62.4	6.5	5.5						
44.0	41.7	60.3	5.7	4.8						
46.0	35.6	57.8	5.0	4.2						
48.0	28.3	54.5	4.3	3.6						
50.0	18.4	49.9	3.7	3.0						

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]: 74.0
 Lastre central [t]: 0.0

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]
41.0 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 [°]										
9.5	78.0	65.7		30.1						
10.0	76.7	65.6	15.1	30.1						
11.0	74.0	65.3	15.1	30.1						
12.0	71.3	64.9	15.1	28.6						
13.0	68.5	64.5	15.1	26.9						
14.0	65.6	64.1	15.1	23.2						
16.0	59.7	63.0	15.1	18.1						
18.0	53.3	61.6	14.9	14.6						
20.0	46.3	59.9	13.4	12.1						
22.0	38.3	57.6	10.6	10.1						
24.0	28.2	54.5	8.7	8.5						
Ángulo de pluma principal 83.0 [°]										
15.0	73.0	64.8		30.1						
16.0	70.2	64.4	15.1	29.2						
18.0	64.5	63.5	15.1	22.0						
20.0	58.5	62.4	15.1	17.4						
22.0	52.0	60.9	15.1	14.1						
24.0	44.9	59.1	12.8	11.7						
26.0	36.6	56.7	10.3	9.8						
28.0	25.9	53.3	8.6	8.3						
Ángulo de pluma principal 75.0 [°]										
23.5	65.0	62.4		17.2						
24.0	63.6	62.2	15.1	16.5						
26.0	57.5	61.0	15.1	13.9						
28.0	50.9	59.5	14.7	11.8						
30.0	43.6	57.5	12.5	10.1						
32.0	35.1	55.0	10.2	8.5						
34.0	23.8	51.4	8.5	7.2						
Ángulo de pluma principal 65.0 [°]										
33.6	55.0	57.7		6.8						
34.0	53.6	57.4	8.4	6.5						
36.0	46.6	55.7	7.1	5.3						
38.0	38.6	53.5	5.8	4.3						
40.0	28.7	50.4	4.7	3.4						
42.0	15.7	45.2	3.6							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
41.0 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 [°]										
10.1	78.0	68.6	15.1	30.1						
11.0	75.9	68.4	15.1	28.2						
12.0	73.5	68.1	15.1	24.0						
13.0	71.0	67.7	15.1	20.5						
14.0	68.6	67.3	15.1	18.1						
16.0	63.5	66.4	14.6	14.4						
18.0	58.2	65.2	12.9	12.0						
20.0	52.5	63.8	10.5	10.1						
22.0	46.4	62.0	8.9	8.6						
24.0	39.4	59.8	7.5	7.4						
26.0	31.2	57.0	6.5	6.5						
Ángulo de pluma principal 83.0 [°]										
15.8	73.0	67.6		21.4						
16.0	72.6	67.6	15.1	21.3						
18.0	67.6	66.8	15.1	17.3						
20.0	62.5	65.8	14.5	13.9						
22.0	57.2	64.6	12.3	11.6						
24.0	51.4	63.1	10.3	9.8						
26.0	45.1	61.3	8.7	8.4						
28.0	38.0	59.0	7.3	7.3						
30.0	29.4	55.9	6.4	6.4						
Ángulo de pluma principal 75.0 [°]										
24.7	65.0	65.1		14.5						
26.0	61.7	64.4	14.6	13.5						
28.0	56.3	63.2	11.9	11.3						
30.0	50.5	61.6	9.9	9.6						
32.0	44.1	59.7	8.4	8.2						
34.0	36.8	57.3	7.2	7.1						
36.0	27.8	54.1	6.3	6.3						
Ángulo de pluma principal 65.0 [°]										
35.2	55.0	60.1		9.1						
36.0	52.8	59.7	9.7	8.6						
38.0	46.6	57.9	8.1	7.6						
40.0	39.7	55.7	7.0	6.6						
42.0	31.6	52.9	6.2	5.8						
44.0	20.5	48.7	5.5	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]: 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]
41.0 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 [°]										
10.1	78.0	68.6		30.1						
11.0	76.0	68.4	15.1	30.1						
12.0	73.6	68.1	15.1	30.1						
13.0	71.2	67.8	15.1	26.5						
14.0	68.7	67.4	15.1	24.0						
16.0	63.7	66.4	15.1	18.6						
18.0	58.3	65.3	14.3	15.1						
20.0	52.7	63.9	12.9	12.5						
22.0	46.5	62.1	11.2	10.6						
24.0	39.6	59.9	9.2	8.9						
26.0	31.4	57.0	7.6	7.6						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	67.6	15.1	28.1						
16.0	72.7	67.6	15.1	28.1						
18.0	67.8	66.9	15.1	22.7						
20.0	62.7	65.9	15.1	17.8						
22.0	57.3	64.7	14.1	14.6						
24.0	51.6	63.2	13.0	12.2						
26.0	45.3	61.3	10.9	10.3						
28.0	38.2	59.0	8.9	8.7						
30.0	29.6	56.0	7.5	7.5						
Ángulo de pluma principal 75.0 [°]										
24.8	65.0	65.1		15.7						
26.0	61.9	64.5	15.1	14.2						
28.0	56.4	63.2	14.1	12.1						
30.0	50.6	61.7	11.6	10.4						
32.0	44.2	59.8	9.7	8.9						
34.0	36.9	57.4	8.1	7.6						
36.0	28.0	54.2	7.0	6.4						
Ángulo de pluma principal 65.0 [°]										
35.3	55.0	60.1		5.8						
36.0	52.9	59.7	6.9	5.4						
38.0	46.8	57.9	5.7	4.3						
40.0	39.9	55.8	4.6	3.4						
42.0	31.8	52.9	3.6	2.6						
44.0	22.3	48.8	2.7							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
41.0 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 [°]										
10.7	78.0	71.5		27.8						
11.0	77.4	71.5	15.1	27.8						
12.0	75.3	71.2	15.1	24.9						
13.0	73.2	70.9	15.1	21.8						
14.0	71.0	70.6	15.1	18.9						
16.0	66.6	69.7	14.5	15.2						
18.0	62.0	68.7	13.4	12.5						
20.0	57.2	67.5	11.1	10.4						
22.0	52.1	66.1	9.0	8.8						
24.0	46.6	64.3	7.6	7.5						
26.0	40.5	62.1	6.5	6.5						
28.0	33.4	59.4	5.6	5.6						
30.0	24.6	55.8	4.9	4.9						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	70.5	15.1	19.8						
18.0	70.2	70.1	15.1	18.1						
20.0	65.7	69.2	14.5	14.6						
22.0	61.1	68.2	13.3	12.2						
24.0	56.2	66.9	10.7	10.1						
26.0	51.1	65.4	8.7	8.6						
28.0	45.5	63.5	7.4	7.4						
30.0	39.2	61.3	6.3	6.3						
32.0	32.0	58.4	5.5	5.6						
34.0	22.6	54.5	4.8	4.9						
Ángulo de pluma principal 75.0 [°]										
26.0	65.0	67.8		13.3						
28.0	60.3	66.7	12.8	11.7						
30.0	55.4	65.4	10.4	9.9						
32.0	50.2	63.9	8.6	8.4						
34.0	44.5	62.0	7.3	7.3						
36.0	38.2	59.7	6.3	6.3						
38.0	30.7	56.7	5.5	5.5						
40.0	20.7	52.5	4.8	4.8						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	62.6		8.1						
38.0	52.3	61.9	8.4	7.6						
40.0	46.8	60.1	7.2	6.7						
42.0	40.7	58.0	6.2	5.9						
44.0	33.8	55.3	5.4	5.2						
46.0	25.1	51.7	4.8	4.5						
47.0	19.3	49.3	4.5	4.2						

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]
41.0 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 [°]										
10.8	78.0	71.6	15.1	30.1						
11.0	77.5	71.5	15.1	30.1						
12.0	75.4	71.2	15.1	29.1						
13.0	73.3	70.9	15.1	26.5						
14.0	71.1	70.6	15.1	22.8						
16.0	66.7	69.8	15.1	18.0						
18.0	62.1	68.8	15.1	14.6						
20.0	57.3	67.6	12.8	12.1						
22.0	52.2	66.1	10.5	10.1						
24.0	46.7	64.3	8.8	8.6						
26.0	40.6	62.2	7.3	7.3						
28.0	33.6	59.5	6.2	6.2						
30.0	24.8	55.8	5.2	5.3						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	70.5		23.9						
18.0	70.3	70.1	15.1	21.9						
20.0	65.8	69.2	15.1	17.2						
22.0	61.2	68.2	15.1	14.2						
24.0	56.4	66.9	12.4	11.7						
26.0	51.2	65.4	10.3	9.9						
28.0	45.6	63.6	8.6	8.4						
30.0	39.4	61.3	7.2	7.1						
32.0	32.1	58.5	6.1	6.1						
34.0	22.7	54.6	5.1	5.2						
Ángulo de pluma principal 75.0 [°]										
26.1	65.0	67.8	15.1	14.4						
28.0	60.5	66.8	14.5	12.4						
30.0	55.6	65.5	12.3	10.6						
32.0	50.4	63.9	10.0	9.1						
34.0	44.7	62.0	8.4	7.8						
36.0	38.3	59.7	7.1	6.7						
38.0	30.8	56.8	6.1	5.7						
40.0	20.9	52.6	5.1	4.8						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	62.6		4.9						
38.0	52.4	61.9	5.6	4.4						
40.0	46.9	60.2	4.6	3.5						
42.0	40.9	58.0	3.6	2.8						
44.0	33.9	55.4	2.8	2.1						
45.0	30.8	53.7	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]: 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]
41.0 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 [°]										
11.3	78.0	74.5		25.3						
12.0	76.7	74.3	15.1	25.3						
13.0	74.8	74.0	15.1	21.9						
14.0	72.9	73.7	15.1	19.4						
16.0	69.0	73.0	15.1	15.6						
18.0	64.9	72.1	13.1	12.8						
20.0	60.7	71.1	11.6	10.8						
22.0	56.3	69.8	9.5	9.1						
24.0	51.7	68.3	7.8	7.8						
26.0	46.7	66.5	6.7	6.7						
28.0	41.3	64.4	5.8	5.8						
30.0	35.1	61.8	5.0	5.1						
32.0	27.8	58.5	4.4	4.5						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	73.4	15.1	17.9						
18.0	72.2	73.3	15.1	17.9						
20.0	68.2	72.5	15.1	14.9						
22.0	64.1	71.6	13.0	12.3						
24.0	59.9	70.5	11.1	10.4						
26.0	55.5	69.2	9.1	8.8						
28.0	50.8	67.6	7.7	7.6						
30.0	45.7	65.8	6.6	6.6						
32.0	40.2	63.6	5.7	5.7						
34.0	33.9	60.9	5.0	5.1						
36.0	26.2	57.4	4.4	4.5						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	70.5		12.1						
28.0	63.5	70.2	13.0	12.1						
30.0	59.2	69.0	10.7	10.2						
32.0	54.8	67.7	8.9	8.7						
34.0	50.0	66.1	7.5	7.5						
36.0	44.9	64.2	6.5	6.5						
38.0	39.3	62.0	5.6	5.7						
40.0	32.8	59.2	5.0	5.0						
42.0	24.8	55.5	4.4	4.5						
Ángulo de pluma principal 65.0 [°]										
38.7	55.0	65.1		7.4						
40.0	51.9	64.1	8.1	6.9						
42.0	46.9	62.4	6.9	6.1						
44.0	41.5	60.3	6.0	5.3						
46.0	35.4	57.7	5.3	4.7						
48.0	28.2	54.4	4.7	4.1						
50.0	18.2	49.8	4.1	3.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
41.0 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 [°]										
11.4	78.0	74.5	15.1	30.1						
12.0	76.9	74.4	15.1	30.1						
13.0	74.9	74.1	15.1	30.0						
14.0	73.0	73.8	15.1	28.9						
16.0	69.1	73.0	15.1	23.1						
18.0	65.0	72.2	15.1	18.9						
20.0	60.8	71.1	15.1	16.0						
22.0	56.5	69.8	13.5	13.7						
24.0	51.8	68.3	12.2	11.9						
26.0	46.9	66.6	10.6	10.3						
28.0	41.4	64.5	8.8	8.8						
30.0	35.3	61.9	7.3	7.6						
32.0	28.0	58.6	5.8	6.0						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	73.4		26.5						
18.0	72.3	73.3	15.1	26.5						
20.0	68.3	72.5	15.1	22.1						
22.0	64.2	71.6	15.1	18.3						
24.0	60.0	70.5	14.8	15.6						
26.0	55.6	69.2	13.3	13.3						
28.0	50.9	67.7	12.2	11.7						
30.0	45.9	65.8	10.6	10.3						
32.0	40.3	63.6	9.0	9.0						
34.0	34.0	60.9	7.8	8.0						
36.0	26.3	57.5	6.8	7.0						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	70.5		13.0						
28.0	63.6	70.2	15.1	12.4						
30.0	59.3	69.1	13.6	10.7						
32.0	54.9	67.7	11.9	9.2						
34.0	50.1	66.2	10.4	7.9						
36.0	45.0	64.3	9.0	6.8						
38.0	39.4	62.0	7.8	5.8						
40.0	32.9	59.2	6.6	4.9						
42.0	24.9	55.6	5.6	4.1						
Ángulo de pluma principal 65.0 [°]										
38.7	55.0	65.1		4.0						
40.0	52.0	64.2	4.3	3.4						
42.0	47.1	62.4	3.4	2.7						
44.0	42.2	60.3	2.6							
45.0	39.3	59.1	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]: 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]
41.0 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 [°]										
12.0	78.0	77.4	15.1	23.0						
13.0	76.2	77.2	15.1	22.2						
14.0	74.5	76.9	15.1	19.5						
16.0	70.9	76.2	15.1	15.8						
18.0	67.3	75.4	14.1	13.2						
20.0	63.5	74.5	11.6	11.0						
22.0	59.7	73.4	9.8	9.4						
24.0	55.6	72.1	8.1	8.0						
26.0	51.4	70.5	6.8	6.9						
28.0	46.9	68.8	5.9	6.1						
30.0	41.9	66.7	5.2	5.3						
32.0	36.5	64.2	4.5	4.6						
34.0	30.2	61.1	4.0	4.1						
36.0	22.2	57.0	3.5	3.6						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	76.2		16.4						
20.0	70.2	75.7	15.1	15.3						
22.0	66.6	74.9	13.9	12.7						
24.0	62.8	73.9	11.2	10.6						
26.0	58.9	72.8	9.4	9.1						
28.0	54.9	71.4	7.9	7.8						
30.0	50.6	69.9	6.8	6.8						
32.0	46.0	68.0	5.9	5.9						
34.0	41.0	65.9	5.1	5.2						
36.0	35.4	63.3	4.5	4.5						
38.0	28.8	60.1	4.0	4.0						
40.0	20.3	55.7	3.5	3.6						
Ángulo de pluma principal 75.0 [°]										
28.5	65.0	73.2		11.0						
30.0	62.2	72.5	9.9	10.5						
32.0	58.3	71.3	8.3	9.0						
34.0	54.2	70.0	7.1	7.7						
36.0	49.9	68.4	6.3	6.7						
38.0	45.2	66.5	5.5	5.9						
40.0	40.1	64.3	4.8	5.1						
42.0	34.4	61.6	4.2	4.6						
44.0	27.7	58.2	3.8	4.1						
Ángulo de pluma principal 65.0 [°]										
40.4	55.0	67.5		6.6						
42.0	51.6	66.4	7.1	6.0						
44.0	47.1	64.6	6.1	5.3						
46.0	42.2	62.5	5.4	4.6						
48.0	36.7	60.1	4.7	4.1						
50.0	30.5	57.0	4.2	3.5						
53.0	17.4	50.3	3.5	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]: 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]
41.0 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 [°]										
12.0	78.0	77.4		30.1						
13.0	76.3	77.2	15.1	30.1						
14.0	74.6	76.9	15.1	27.2						
16.0	71.0	76.3	15.1	21.8						
18.0	67.4	75.5	15.1	18.1						
20.0	63.6	74.5	15.0	15.1						
22.0	59.8	73.4	14.1	13.0						
24.0	55.8	72.1	11.8	11.2						
26.0	51.5	70.6	10.0	9.8						
28.0	47.0	68.8	8.7	8.6						
30.0	42.1	66.7	7.5	7.6						
32.0	36.6	64.2	6.5	6.7						
34.0	30.3	61.2	5.5	5.6						
36.0	22.3	57.1	4.2	4.2						
Ángulo de pluma principal 83.0 [°]										
18.5	73.0	76.3		22.9						
20.0	70.3	75.8	15.1	21.1						
22.0	66.7	74.9	15.1	17.4						
24.0	62.9	73.9	15.0	14.7						
26.0	59.0	72.8	13.6	12.7						
28.0	55.0	71.5	11.4	10.9						
30.0	50.7	69.9	9.8	9.6						
32.0	46.1	68.1	8.5	8.5						
34.0	41.1	65.9	7.4	7.4						
36.0	35.5	63.3	6.5	6.6						
38.0	28.9	60.1	5.7	5.8						
40.0	20.5	55.8	5.0	5.1						
Ángulo de pluma principal 75.0 [°]										
28.6	65.0	73.2		12.0						
30.0	62.3	72.5	13.5	10.8						
32.0	58.4	71.4	11.8	9.3						
34.0	54.3	70.0	10.3	8.1						
36.0	50.0	68.4	9.0	6.9						
38.0	45.3	66.5	7.8	5.9						
40.0	40.3	64.3	6.7	5.1						
42.0	34.5	61.6	5.7	4.3						
44.0	27.8	58.3	4.8	3.5						
Ángulo de pluma principal 65.0 [°]										
40.4	55.0	67.5		3.3						
42.0	51.7	66.4	3.4	2.7						
44.0	47.2	64.7	2.6	2.0						
45.0	45.2	63.7	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]: 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]
41.0 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 [°]										
12.6	78.0	80.3	15.1	22.3						
13.0	77.3	80.3	15.1	22.3						
14.0	75.7	80.0	15.1	21.0						
16.0	72.5	79.4	15.1	16.9						
18.0	69.2	78.7	15.1	14.2						
20.0	65.9	77.8	12.8	12.0						
22.0	62.4	76.8	10.7	10.3						
24.0	58.8	75.7	9.1	8.9						
26.0	55.1	74.3	7.7	7.7						
28.0	51.1	72.8	6.7	6.8						
30.0	47.0	71.0	5.9	6.0						
32.0	42.5	68.9	5.2	5.3						
34.0	37.6	66.5	4.6	4.7						
36.0	32.0	63.6	4.1	4.2						
38.0	25.3	59.9	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	79.1		16.1						
20.0	71.9	78.9	15.1	16.0						
22.0	68.6	78.2	14.4	13.7						
24.0	65.2	77.3	12.4	11.6						
26.0	61.7	76.2	10.3	10.0						
28.0	58.1	75.0	8.8	8.7						
30.0	54.3	73.7	7.6	7.5						
32.0	50.4	72.1	6.6	6.7						
34.0	46.2	70.3	5.8	5.9						
36.0	41.6	68.2	5.1	5.2						
38.0	36.6	65.6	4.5	4.6						
40.0	30.8	62.6	4.1	4.2						
42.0	23.8	58.7	3.6	3.8						
Ángulo de pluma principal 75.0 [°]										
29.8	65.0	75.9		10.8						
30.0	64.7	75.9	11.3	10.8						
32.0	61.2	74.8	10.1	9.8						
34.0	57.5	73.6	8.6	8.6						
36.0	53.7	72.2	7.4	7.5						
38.0	49.7	70.6	6.6	6.6						
40.0	45.5	68.7	5.8	5.9						
42.0	40.8	66.6	5.1	5.2						
44.0	35.7	64.0	4.5	4.6						
46.0	29.8	60.8	4.1	4.2						
48.0	22.6	56.7	3.7	3.8						
Ángulo de pluma principal 65.0 [°]										
42.1	55.0	70.0		6.0						
44.0	51.3	68.6	6.4	5.3						
46.0	47.2	66.9	5.7	4.7						
48.0	42.7	64.8	5.0	4.1						
50.0	37.8	62.4	4.4	3.6						
55.0	21.6	53.6	3.1	2.4						
56.0	16.6	50.7	2.8	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]: 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]
41.0 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 [°]										
12.6	78.0	80.4		27.9						
13.0	77.4	80.3	15.1	27.9						
14.0	75.8	80.0	15.1	25.9						
16.0	72.6	79.4	15.1	20.6						
18.0	69.3	78.7	15.1	16.9						
20.0	65.9	77.8	13.2	14.2						
22.0	62.5	76.8	11.5	12.1						
24.0	58.9	75.7	10.0	10.5						
26.0	55.2	74.3	8.5	9.0						
28.0	51.2	72.8	7.3	7.9						
30.0	47.1	71.0	6.4	6.9						
32.0	42.6	69.0	5.6	6.0						
34.0	37.7	66.6	4.9	5.2						
36.0	32.1	63.7	4.2	4.4						
38.0	25.4	60.0	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
19.4	73.0	79.1	15.1	19.4						
20.0	72.0	78.9	15.1	19.4						
22.0	68.7	78.2	15.1	16.3						
24.0	65.3	77.3	13.8	13.8						
26.0	61.8	76.3	12.3	11.8						
28.0	58.2	75.1	10.5	10.2						
30.0	54.4	73.7	8.9	8.8						
32.0	50.5	72.1	7.6	7.7						
34.0	46.3	70.3	6.7	6.8						
36.0	41.7	68.2	5.8	5.9						
38.0	36.7	65.7	5.0	5.2						
40.0	31.0	62.7	4.4	4.6						
42.0	24.0	58.8	3.8	3.9						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	75.9	13.2	10.7						
30.0	64.8	75.9	13.1	10.6						
32.0	61.3	74.9	11.5	9.2						
34.0	57.6	73.6	10.0	8.0						
36.0	53.8	72.2	8.7	6.9						
38.0	49.8	70.6	7.5	5.9						
40.0	45.6	68.8	6.5	5.0						
42.0	41.0	66.6	5.5	4.2						
44.0	35.8	64.0	4.6	3.5						
46.0	30.0	60.9	3.8	2.8						
48.0	22.7	56.8	3.0	2.2						
Ángulo de pluma principal 65.0 [°]										
42.2	55.0	70.0		2.5						
44.0	51.7	68.7	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]: 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]
41.0 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 [°]										
13.2	78.0	83.3		23.2						
14.0	76.8	83.1	15.1	23.2						
16.0	73.9	82.5	15.1	19.4						
18.0	70.9	81.9	15.1	16.3						
20.0	67.8	81.1	14.4	14.0						
22.0	64.6	80.2	12.3	12.0						
24.0	61.4	79.1	10.8	10.5						
26.0	58.0	77.9	9.4	9.2						
28.0	54.6	76.6	8.2	8.2						
30.0	50.9	75.0	7.2	7.3						
32.0	47.1	73.2	6.4	6.6						
34.0	42.9	71.2	5.8	5.9						
36.0	38.5	68.8	5.2	5.3						
38.0	33.5	66.0	4.7	4.9						
40.0	27.7	62.6	4.3	4.4						
42.0	20.4	58.1	3.9	4.0						
Ángulo de pluma principal 83.0 [°]										
20.2	73.0	82.0		17.0						
22.0	70.3	81.4	15.0	15.9						
24.0	67.2	80.6	13.3	13.6						
26.0	64.0	79.6	11.2	11.7						
28.0	60.8	78.6	9.8	10.4						
30.0	57.4	77.3	8.6	9.1						
32.0	53.9	75.9	7.5	8.1						
34.0	50.2	74.3	6.8	7.3						
36.0	46.3	72.5	6.1	6.5						
38.0	42.1	70.4	5.4	5.9						
40.0	37.6	68.0	4.9	5.3						
42.0	32.5	65.1	4.5	4.8						
44.0	26.4	61.5	4.1	4.4						
Ángulo de pluma principal 75.0 [°]										
31.1	65.0	78.7		11.6						
32.0	63.5	78.2	11.9	11.5						
34.0	60.2	77.1	10.3	10.1						
36.0	56.8	75.9	9.0	9.0						
38.0	53.3	74.5	7.9	8.0						
40.0	49.6	72.8	7.0	7.2						
42.0	45.7	71.0	6.3	6.5						
44.0	41.4	68.8	5.7	5.8						
46.0	36.8	66.3	5.1	5.3						
48.0	31.6	63.3	4.7	4.9						
50.0	25.4	59.6	4.3	4.5						
Ángulo de pluma principal 65.0 [°]										
43.8	55.0	72.4		5.2						
44.0	54.7	72.4	6.2	5.2						
46.0	51.1	70.9	5.5	4.5						
48.0	47.2	69.1	4.8	4.0						
50.0	43.1	67.1	4.2	3.4						
55.0	31.0	60.3	2.9	2.3						
58.0	21.7	54.1	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]: 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]
41.0 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 [°]										
11.3	78.0	74.5		20.8						
12.0	76.7	74.3	15.1	20.8						
13.0	74.8	74.0	15.1	18.5						
14.0	72.9	73.7	15.1	16.4						
16.0	69.0	73.0	14.3	13.1						
18.0	64.9	72.1	11.3	10.4						
20.0	60.7	71.1	8.9	8.6						
22.0	56.3	69.8	7.2	7.0						
24.0	51.7	68.3	5.9	5.8						
26.0	46.7	66.5	4.9	4.9						
28.0	41.3	64.4	4.2	4.2						
30.0	35.1	61.8	3.5	3.5						
32.0	27.8	58.5	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	73.4	15.1	14.9						
18.0	72.2	73.3	15.1	14.9						
20.0	68.2	72.5	13.5	12.3						
22.0	64.1	71.6	10.6	9.9						
24.0	59.9	70.5	8.5	8.2						
26.0	55.5	69.2	6.9	6.8						
28.0	50.8	67.6	5.8	5.7						
30.0	45.7	65.8	4.9	4.9						
32.0	40.2	63.6	4.1	4.1						
34.0	33.9	60.9	3.5	3.5						
36.0	26.2	57.4	3.0	3.1						
Ángulo de pluma principal 75.0 [°]										
27.3	65.0	70.5		9.5						
28.0	63.5	70.2	8.8	9.5						
30.0	59.2	69.0	7.4	8.0						
32.0	54.8	67.7	6.2	6.7						
34.0	50.0	66.1	5.3	5.7						
36.0	44.9	64.2	4.5	4.9						
38.0	39.3	62.0	3.9	4.1						
40.0	32.8	59.2	3.3	3.6						
42.0	24.8	55.5	2.9	3.1						
Ángulo de pluma principal 65.0 [°]										
38.7	55.0	65.1		5.1						
40.0	51.9	64.1	6.1	4.6						
42.0	46.9	62.4	5.1	3.8						
44.0	41.5	60.3	4.2	3.1						
46.0	35.4	57.7	3.4	2.5						
48.0	29.0	54.4	2.7							
50.0	19.7	49.8	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]: 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]
41.0 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 [°]										
13.3	78.0	83.3	15.1	27.8						
14.0	76.9	83.1	15.1	27.8						
16.0	74.0	82.6	15.1	22.7						
18.0	70.9	81.9	15.1	18.7						
20.0	67.9	81.1	14.7	15.9						
22.0	64.7	80.2	13.4	13.6						
24.0	61.5	79.2	12.4	11.9						
26.0	58.1	78.0	10.7	10.4						
28.0	54.7	76.6	9.2	9.1						
30.0	51.0	75.1	8.0	8.1						
32.0	47.2	73.3	6.8	7.0						
34.0	43.0	71.2	5.7	5.8						
36.0	38.6	68.9	4.7	4.9						
38.0	33.6	66.1	3.8	4.0						
40.0	27.8	62.7	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	82.0	15.1	19.6						
22.0	70.4	81.4	15.1	18.2						
24.0	67.3	80.6	15.1	15.5						
26.0	64.1	79.7	13.4	13.3						
28.0	60.8	78.6	12.2	11.7						
30.0	57.5	77.4	10.4	10.2						
32.0	54.0	76.0	9.0	8.9						
34.0	50.3	74.4	7.8	8.0						
36.0	46.4	72.6	6.9	7.1						
38.0	42.2	70.5	6.1	6.2						
40.0	37.7	68.0	5.4	5.5						
42.0	32.6	65.1	4.7	4.8						
44.0	26.6	61.6	3.8	4.0						
Ángulo de pluma principal 75.0 [°]										
31.1	65.0	78.7		9.6						
32.0	63.6	78.3	11.2	9.0						
34.0	60.3	77.2	9.8	7.8						
36.0	56.9	75.9	8.5	6.8						
38.0	53.4	74.5	7.4	5.9						
40.0	49.7	72.9	6.3	5.0						
42.0	45.8	71.0	5.4	4.2						
44.0	41.5	68.9	4.5	3.5						
46.0	36.9	66.4	3.7	2.8						
48.0	31.7	63.4	2.9	2.2						
Ángulo de pluma principal 65.0 [°]										
44.0	55.0	72.4	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]: 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]
41.0 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 [°]										
12.0	78.0	77.4	15.1	18.7						
13.0	76.2	77.2	15.1	18.4						
14.0	74.5	76.9	15.1	16.2						
16.0	70.9	76.2	13.6	12.9						
18.0	67.3	75.4	11.4	10.5						
20.0	63.5	74.5	8.9	8.5						
22.0	59.7	73.4	7.2	7.1						
24.0	55.6	72.1	5.9	5.9						
26.0	51.4	70.5	4.9	4.9						
28.0	46.9	68.8	4.1	4.2						
30.0	41.9	66.7	3.5	3.5						
32.0	36.5	64.2	2.9	3.0						
34.0	30.2	61.1	2.4	2.4						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	76.2		13.3						
20.0	70.2	75.7	13.8	12.4						
22.0	66.6	74.9	10.7	10.0						
24.0	62.8	73.9	8.4	8.1						
26.0	58.9	72.8	6.9	6.8						
28.0	54.9	71.4	5.7	5.7						
30.0	50.6	69.9	4.8	4.9						
32.0	46.0	68.0	4.1	4.1						
34.0	41.0	65.9	3.5	3.5						
36.0	35.4	63.3	2.9	3.0						
38.0	28.8	60.1	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
28.5	65.0	73.2		8.4						
30.0	62.2	72.5	8.1	8.0						
32.0	58.3	71.3	6.7	6.7						
34.0	54.2	70.0	5.6	5.6						
36.0	49.9	68.4	4.8	4.8						
38.0	45.2	66.5	4.1	4.1						
40.0	40.1	64.3	3.5	3.5						
42.0	34.4	61.6	2.9	3.0						
44.0	27.7	58.2	2.6	2.6						
Ángulo de pluma principal 65.0 [°]										
40.4	55.0	67.5		4.4						
42.0	51.6	66.4	5.0	3.8						
44.0	47.1	64.6	4.2	3.1						
46.0	42.2	62.5	3.4	2.5						
48.0	37.2	60.1	2.7							
49.0	34.3	58.6	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]: 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]
41.0 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 [°]										
13.9	78.0	86.2	15.1	27.4						
14.0	77.9	86.2	15.1	27.4						
16.0	75.1	85.7	15.1	24.4						
18.0	72.3	85.1	15.1	20.3						
20.0	69.5	84.4	15.1	17.3						
22.0	66.6	83.5	14.1	15.0						
24.0	63.6	82.6	12.9	13.0						
26.0	60.6	81.5	12.0	11.6						
28.0	57.5	80.2	10.2	10.2						
30.0	54.2	78.9	8.8	9.0						
32.0	50.8	77.3	7.6	8.0						
34.0	47.2	75.5	6.3	6.7						
36.0	43.4	73.5	5.0	5.3						
38.0	39.3	71.2	3.9	4.1						
40.0	34.8	68.5	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
21.1	73.0	84.9		19.5						
22.0	71.8	84.6	15.1	19.5						
24.0	68.9	83.9	15.1	16.7						
26.0	66.0	83.0	14.4	14.6						
28.0	63.1	82.0	12.9	12.8						
30.0	60.0	80.9	11.7	11.4						
32.0	56.9	79.6	10.1	10.0						
34.0	53.6	78.2	8.8	8.9						
36.0	50.1	76.6	7.8	8.1						
38.0	46.5	74.8	6.9	7.2						
40.0	42.7	72.7	6.2	6.4						
42.0	38.5	70.4	5.5	5.6						
44.0	33.9	67.6	4.8	4.8						
46.0	28.6	64.2	3.8	3.9						
48.0	22.1	60.0	2.8	2.8						
Ángulo de pluma principal 75.0 [°]										
32.4	65.0	81.4		8.5						
34.0	62.6	80.6	9.3	7.5						
36.0	59.5	79.5	8.1	6.5						
38.0	56.4	78.2	7.0	5.6						
40.0	53.1	76.7	6.0	4.8						
42.0	49.6	75.1	5.1	4.0						
44.0	45.9	73.3	4.2	3.3						
46.0	42.0	71.1	3.4	2.7						
48.0	37.8	68.7	2.7	2.1						
50.0	33.6	65.9	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]: 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]
41.0 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 [°]										
12.0	78.0	77.4		30.1						
13.0	76.3	77.2	15.1	30.1						
14.0	74.6	76.9	15.1	29.1						
16.0	71.0	76.3	15.1	24.5						
18.0	67.4	75.5	15.1	20.6						
20.0	63.6	74.5	14.9	17.0						
22.0	59.8	73.4	14.3	14.2						
24.0	55.8	72.1	9.5	9.4						
26.0	51.5	70.6	5.7	5.8						
28.0	47.0	68.8	3.5	3.6						
Ángulo de pluma principal 83.0 [°]										
18.5	73.0	76.3		22.7						
20.0	70.3	75.8	15.1	19.6						
22.0	66.7	74.9	15.1	16.3						
24.0	62.9	73.9	14.7	13.7						
26.0	59.0	72.8	13.7	11.6						
28.0	55.0	71.5	11.3	9.8						
30.0	50.7	69.9	9.5	8.4						
32.0	46.1	68.1	7.0	7.0						
34.0	41.1	65.9	4.4	4.6						
Ángulo de pluma principal 75.0 [°]										
28.6	65.0	73.2		8.3						
30.0	62.3	72.5	9.9	7.2						
32.0	58.4	71.4	8.3	5.9						
34.0	54.3	70.0	6.8	4.9						
36.0	50.0	68.4	5.4	3.8						
38.0	45.3	66.5	4.1	2.9						
40.0	40.3	64.3	3.0	2.0						
41.0	38.0	63.1	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]: 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]
41.0 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 [°]										
12.6	78.0	80.3	15.1	19.3						
13.0	77.3	80.3	15.1	19.3						
14.0	75.7	80.0	15.1	18.4						
16.0	72.5	79.4	14.7	14.9						
18.0	69.2	78.7	12.9	12.2						
20.0	65.9	77.8	10.6	10.1						
22.0	62.4	76.8	8.6	8.4						
24.0	58.8	75.7	7.2	7.2						
26.0	55.1	74.3	6.1	6.1						
28.0	51.1	72.8	5.2	5.3						
30.0	47.0	71.0	4.6	4.6						
32.0	42.5	68.9	4.0	4.1						
34.0	37.6	66.5	3.5	3.5						
36.0	32.0	63.6	2.9	2.9						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	79.1		13.7						
20.0	71.9	78.9	14.5	13.7						
22.0	68.6	78.2	12.4	11.5						
24.0	65.2	77.3	10.1	9.6						
26.0	61.7	76.2	8.2	8.1						
28.0	58.1	75.0	7.0	7.0						
30.0	54.3	73.7	6.0	6.0						
32.0	50.4	72.1	5.2	5.3						
34.0	46.2	70.3	4.6	4.6						
36.0	41.6	68.2	4.0	4.0						
38.0	36.6	65.6	3.5	3.5						
40.0	30.8	62.6	3.0	3.1						
42.0	23.8	58.7	2.6	2.7						
Ángulo de pluma principal 75.0 [°]										
29.8	65.0	75.9		8.8						
30.0	64.7	75.9	8.9	8.8						
32.0	61.2	74.8	8.1	8.0						
34.0	57.5	73.6	6.9	7.0						
36.0	53.7	72.2	5.9	6.0						
38.0	49.7	70.6	5.2	5.3						
40.0	45.5	68.7	4.5	4.6						
42.0	40.8	66.6	4.0	4.1						
44.0	35.7	64.0	3.5	3.6						
46.0	29.8	60.8	3.1	3.2						
48.0	22.6	56.7	2.8	2.9						
Ángulo de pluma principal 65.0 [°]										
42.1	55.0	70.0		3.8						
44.0	51.3	68.6	4.1	3.2						
46.0	47.2	66.9	3.4	2.6						
48.0	43.1	64.8	2.7							
50.0	38.2	62.4	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]: 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]
41.0 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 [°]										
12.6	78.0	80.4		28.0						
13.0	77.4	80.3	15.1	28.0						
14.0	75.8	80.0	15.1	27.7						
16.0	72.6	79.4	15.1	22.7						
18.0	69.3	78.7	15.1	18.6						
20.0	65.9	77.8	14.2	15.7						
22.0	62.5	76.8	12.7	13.2						
24.0	58.9	75.7	10.6	10.6						
26.0	55.2	74.3	7.1	7.1						
28.0	51.2	72.8	4.2	4.3						
30.0	47.1	71.0	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
19.4	73.0	79.1	15.1	20.3						
20.0	72.0	78.9	15.1	19.6						
22.0	68.7	78.2	15.1	16.3						
24.0	65.3	77.3	14.5	13.7						
26.0	61.8	76.3	13.1	11.6						
28.0	58.2	75.1	11.4	9.9						
30.0	54.4	73.7	9.4	8.4						
32.0	50.5	72.1	7.8	7.2						
34.0	46.3	70.3	5.6	5.6						
36.0	41.7	68.2	3.4	3.4						
Ángulo de pluma principal 75.0 [°]										
29.9	65.0	75.9	9.5	7.2						
30.0	64.8	75.9	9.5	7.1						
32.0	61.3	74.9	7.9	5.8						
34.0	57.6	73.6	6.5	4.7						
36.0	53.8	72.2	5.2	3.8						
38.0	49.8	70.6	4.0	2.9						
40.0	45.6	68.8	2.9	2.0						
41.0	43.7	67.7	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]: 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]
41.0 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 [°]										
13.2	78.0	83.3		16.4						
14.0	76.8	83.1	15.1	16.4						
16.0	73.9	82.5	13.4	13.9						
18.0	70.9	81.9	11.3	11.3						
20.0	67.8	81.1	9.7	9.4						
22.0	64.6	80.2	7.9	7.8						
24.0	61.4	79.1	6.5	6.6						
26.0	58.0	77.9	5.5	5.6						
28.0	54.6	76.6	4.7	4.8						
30.0	50.9	75.0	4.0	4.1						
32.0	47.1	73.2	3.4	3.6						
34.0	42.9	71.2	3.0	3.1						
36.0	38.5	68.8	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
20.2	73.0	82.0		11.6						
22.0	70.3	81.4	10.8	10.9						
24.0	67.2	80.6	9.2	9.0						
26.0	64.0	79.6	7.5	7.5						
28.0	60.8	78.6	6.4	6.4						
30.0	57.4	77.3	5.4	5.5						
32.0	53.9	75.9	4.6	4.7						
34.0	50.2	74.3	4.0	4.1						
36.0	46.3	72.5	3.5	3.5						
38.0	42.1	70.4	3.0	3.0						
40.0	37.6	68.0	2.5	2.6						
42.0	32.5	65.1	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
31.1	65.0	78.7		7.3						
32.0	63.5	78.2	7.2	7.3						
34.0	60.2	77.1	6.3	6.3						
36.0	56.8	75.9	5.4	5.5						
38.0	53.3	74.5	4.6	4.7						
40.0	49.6	72.8	4.0	4.1						
42.0	45.7	71.0	3.5	3.5						
44.0	41.4	68.8	3.0	3.1						
46.0	36.8	66.3	2.6	2.6						
48.0	31.6	63.3	2.3	2.3						
Ángulo de pluma principal 65.0 [°]										
43.8	55.0	72.4		3.2						
44.0	54.7	72.4	4.0	3.1						
46.0	51.1	70.9	3.2	2.5						
48.0	47.5	69.1	2.5							
49.0	45.5	68.1	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]: 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]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 86.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.3	78.0	83.3	15.1	26.1						
14.0	76.9	83.1	15.1	26.1						
16.0	74.0	82.6	15.1	22.0						
18.0	70.9	81.9	15.1	18.2						
20.0	67.9	81.1	14.8	15.4						
22.0	64.7	80.2	12.0	12.6						
24.0	61.5	79.2	10.0	10.6						
26.0	58.1	78.0	7.4	7.8						
28.0	54.7	76.6	4.8	5.1						
30.0	51.0	75.1	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	82.0	15.1	18.4						
22.0	70.4	81.4	15.1	16.4						
24.0	67.3	80.6	15.1	13.8						
26.0	64.1	79.7	13.1	11.6						
28.0	60.8	78.6	11.5	9.9						
30.0	57.5	77.4	9.7	8.4						
32.0	54.0	76.0	8.1	7.2						
34.0	50.3	74.4	6.9	6.1						
36.0	46.4	72.6	4.9	5.0						
38.0	42.2	70.5	3.0	3.0						
Ángulo de pluma principal 75.0 [°]										
31.1	65.0	78.7		6.2						
32.0	63.6	78.3	7.6	5.7						
34.0	60.3	77.2	6.2	4.6						
36.0	56.9	75.9	5.0	3.7						
38.0	53.4	74.5	4.0	2.9						
40.0	49.7	72.9	2.9	2.1						
41.0	48.1	72.0	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]: 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]
41.0 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 [°]										
13.8	78.0	86.2		14.6						
14.0	77.8	86.2	15.1	14.6						
16.0	75.0	85.7	14.2	13.1						
18.0	72.2	85.1	11.3	10.6						
20.0	69.4	84.3	8.8	8.7						
22.0	66.5	83.5	7.2	7.2						
24.0	63.6	82.5	5.9	6.0						
26.0	60.5	81.4	5.0	5.1						
28.0	57.4	80.2	4.2	4.3						
30.0	54.1	78.8	3.5	3.6						
32.0	50.7	77.3	3.0	3.1						
34.0	47.1	75.5	2.6	2.6						
36.0	43.3	73.5	2.2	2.2						
Ángulo de pluma principal 83.0 [°]										
21.1	73.0	84.9	9.3	9.9						
22.0	71.7	84.6	9.2	9.9						
24.0	68.9	83.8	7.6	8.2						
26.0	66.0	83.0	6.4	6.9						
28.0	63.0	82.0	5.4	5.8						
30.0	59.9	80.9	4.6	5.0						
32.0	56.8	79.6	3.9	4.2						
34.0	53.5	78.2	3.3	3.6						
36.0	50.1	76.6	2.9	3.1						
38.0	46.4	74.7	2.5	2.6						
40.0	42.6	72.7	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
32.3	65.0	81.4		6.0						
34.0	62.5	80.6	5.7	5.8						
36.0	59.4	79.4	4.8	4.9						
38.0	56.3	78.2	4.1	4.2						
40.0	53.0	76.7	3.5	3.6						
42.0	49.5	75.1	3.0	3.1						
44.0	45.9	73.2	2.6	2.7						
46.0	42.0	71.1	2.2	2.2						
Ángulo de pluma principal 65.0 [°]										
45.6	55.0	74.9		2.7						
46.0	54.3	74.7	3.2	2.5						
48.0	51.1	73.1	2.6							
49.0	49.4	72.2	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]: 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]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 89.5 m Plumín 43.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.9	78.0	86.2	15.1	26.9						
14.0	77.9	86.2	15.1	26.9						
16.0	75.1	85.7	15.1	25.0						
18.0	72.3	85.1	15.1	21.0						
20.0	69.5	84.4	15.1	17.8						
22.0	66.6	83.5	13.2	14.4						
24.0	63.6	82.6	9.9	10.7						
26.0	60.6	81.5	7.4	8.0						
28.0	57.5	80.2	5.1	5.4						
30.0	54.2	78.9	3.1	3.3						
Ángulo de pluma principal 83.0 [°]										
21.1	73.0	84.9		17.6						
22.0	71.8	84.6	15.1	16.3						
24.0	68.9	83.9	15.1	13.7						
26.0	66.0	83.0	14.7	11.5						
28.0	63.1	82.0	13.0	9.8						
30.0	60.0	80.9	11.6	8.3						
32.0	56.9	79.6	9.3	7.0						
34.0	53.6	78.2	7.2	6.0						
36.0	50.1	76.6	5.6	5.0						
38.0	46.5	74.8	4.0	4.1						
Ángulo de pluma principal 75.0 [°]										
32.4	65.0	81.4		5.2						
34.0	62.6	80.6	5.8	4.3						
36.0	59.5	79.5	4.6	3.4						
38.0	56.4	78.2	3.6	2.6						
40.0	53.3	76.7	2.7							
41.0	51.6	75.9	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]: 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]
41.0 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 [°]										
14.5	78.0	89.1	14.9	13.7						
16.0	76.0	88.8	14.3	13.1						
18.0	73.4	88.2	11.1	10.6						
20.0	70.8	87.5	8.8	8.6						
22.0	68.1	86.8	7.2	7.2						
24.0	65.4	85.9	5.9	6.0						
26.0	62.6	84.9	4.9	5.0						
28.0	59.8	83.8	4.2	4.3						
30.0	56.8	82.5	3.5	3.6						
32.0	53.8	81.1	3.0	3.0						
34.0	50.6	79.5	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	87.7	9.0	9.0						
24.0	70.3	87.0	8.3	8.3						
26.0	67.6	86.2	6.7	6.9						
28.0	64.9	85.3	5.7	5.8						
30.0	62.1	84.3	4.8	4.9						
32.0	59.2	83.2	4.1	4.2						
34.0	56.2	81.9	3.5	3.6						
36.0	53.2	80.4	3.0	3.0						
38.0	49.9	78.8	2.5	2.6						
40.0	46.6	77.0	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
33.6	65.0	84.1		5.4						
34.0	64.5	83.9	5.2	5.3						
36.0	61.6	82.9	4.8	4.9						
38.0	58.8	81.7	4.1	4.2						
40.0	55.8	80.4	3.5	3.6						
42.0	52.7	78.9	2.9	3.0						
44.0	49.4	77.3	2.5	2.6						
46.0	46.0	75.5	2.1	2.2						
Ángulo de pluma principal 65.0 [°]										
47.3	55.0	77.3		2.1						
48.0	54.1	76.9	2.4							
49.0	52.5	76.1	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]: 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]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.5	78.0	89.2		23.3						
16.0	76.1	88.8	15.1	23.3						
18.0	73.5	88.2	15.1	19.4						
20.0	70.9	87.6	14.6	16.5						
22.0	68.2	86.8	14.0	14.4						
24.0	65.5	85.9	10.9	11.2						
26.0	62.7	84.9	8.1	8.6						
28.0	59.8	83.8	6.1	6.5						
30.0	56.9	82.5	4.1	4.3						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	87.7		16.3						
24.0	70.4	87.1	15.1	13.7						
26.0	67.7	86.3	14.3	11.5						
28.0	65.0	85.4	12.6	9.8						
30.0	62.2	84.3	10.8	8.3						
32.0	59.3	83.2	9.2	7.0						
34.0	56.3	81.9	7.5	5.9						
36.0	53.2	80.5	6.0	5.0						
38.0	50.0	78.8	4.9	4.2						
40.0	46.6	77.0	3.6	3.4						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	84.1		4.4						
34.0	64.5	84.0	5.5	4.2						
36.0	61.7	82.9	4.4	3.3						
38.0	58.8	81.8	3.4	2.5						
40.0	56.0	80.5	2.5							
41.0	54.5	79.7	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]: 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]
41.0 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 [°]										
15.1	78.0	92.1	11.2	12.4						
16.0	76.9	91.9	11.2	12.4						
18.0	74.5	91.3	10.0	10.3						
20.0	72.0	90.7	8.5	8.5						
22.0	69.5	90.0	6.9	7.0						
24.0	67.0	89.2	5.8	5.9						
26.0	64.4	88.2	4.8	4.9						
28.0	61.8	87.2	4.1	4.1						
30.0	59.1	86.0	3.5	3.5						
32.0	56.3	84.8	2.9	3.0						
34.0	53.4	83.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
22.8	73.0	90.6		8.0						
24.0	71.6	90.2	7.9	7.9						
26.0	69.1	89.5	6.6	6.7						
28.0	66.5	88.6	5.6	5.7						
30.0	63.9	87.7	4.7	4.8						
32.0	61.3	86.6	4.0	4.1						
34.0	58.6	85.4	3.4	3.5						
36.0	55.8	84.1	2.8	2.9						
38.0	52.9	82.7	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
34.9	65.0	86.8		4.7						
36.0	63.5	86.3	4.6	4.7						
38.0	60.9	85.2	4.0	4.1						
40.0	58.1	84.0	3.4	3.5						
42.0	55.3	82.7	2.9	2.9						
44.0	52.4	81.2	2.4	2.4						
46.0	49.3	79.5	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]: 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]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 95.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.1	78.0	92.1		21.9						
16.0	77.0	91.9	15.1	21.9						
18.0	74.5	91.4	15.1	19.1						
20.0	72.1	90.7	14.8	16.4						
22.0	69.6	90.0	14.1	14.1						
24.0	67.1	89.2	12.2	11.7						
26.0	64.5	88.3	8.9	8.9						
28.0	61.9	87.2	6.4	6.7						
30.0	59.2	86.1	4.5	4.9						
32.0	56.4	84.8	3.0	3.2						
Ángulo de pluma principal 83.0 [°]										
22.9	73.0	90.6		14.8						
24.0	71.6	90.3	15.1	13.4						
26.0	69.1	89.5	13.5	11.3						
28.0	66.6	88.7	11.8	9.6						
30.0	64.0	87.7	9.9	8.1						
32.0	61.4	86.7	8.6	6.8						
34.0	58.6	85.5	7.2	5.7						
36.0	55.8	84.2	5.9	4.8						
38.0	52.9	82.7	4.7	4.0						
40.0	49.9	81.1	3.8	3.3						
42.0	46.7	79.3	2.9	2.5						
Ángulo de pluma principal 75.0 [°]										
34.9	65.0	86.8		3.5						
36.0	63.6	86.3	3.9	3.0						
38.0	60.9	85.3	2.9	2.2						
40.0	58.4	84.1	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]: 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]
41.0 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 [°]										
15.7	78.0	95.0	8.8	10.0						
16.0	77.7	95.0	8.8	10.0						
18.0	75.4	94.5	8.2	9.2						
20.0	73.1	93.9	7.2	7.9						
22.0	70.8	93.2	6.0	6.3						
24.0	68.4	92.4	5.2	5.3						
26.0	66.0	91.6	4.3	4.4						
28.0	63.6	90.6	3.5	3.6						
30.0	61.1	89.5	3.0	3.0						
32.0	58.5	88.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
23.7	73.0	93.5		6.6						
24.0	72.7	93.4	6.3	6.6						
26.0	70.3	92.7	5.9	6.1						
28.0	68.0	91.9	4.9	5.1						
30.0	65.6	91.0	4.2	4.3						
32.0	63.1	90.0	3.5	3.6						
34.0	60.6	88.9	2.9	3.0						
36.0	58.0	87.7	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
36.1	65.0	89.5		3.7						
38.0	62.7	88.6	3.4	3.6						
40.0	60.2	87.5	2.8	2.9						
42.0	57.6	86.3	2.4	2.5						
44.0	54.9	84.9		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]: 74.0
 Lastre central [t]: 0.0

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]
44.0 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 [°]										
7.7	78.0	59.9	15.1	30.1						
8.0	76.7	59.8	15.1	30.1						
9.0	72.0	59.5	15.1	24.9						
10.0	67.3	59.1	15.1	18.5						
11.0	62.3	58.5	15.1	14.6						
12.0	57.0	57.9	13.0	12.0						
13.0	51.4	57.1	11.2	10.1						
14.0	45.2	56.2	9.5	8.7						
16.0	29.7	53.5	7.0	6.7						
Ángulo de pluma principal 83.0 [°]										
12.7	73.0	59.1	15.1	25.5						
13.0	71.5	59.0	15.1	23.9						
14.0	66.7	58.6	15.1	17.8						
16.0	56.4	57.4	12.8	11.7						
18.0	44.4	55.7	9.2	8.5						
20.0	28.5	52.9	6.9	6.6						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	57.1		15.8						
22.0	56.9	56.2	13.8	11.8						
24.0	45.1	54.5	9.3	8.6						
26.0	29.5	51.7	6.9	6.7						
Ángulo de pluma principal 65.0 [°]										
29.6	55.0	53.0		10.8						
30.0	52.8	52.8	10.9	10.4						
32.0	40.1	50.8	7.7	7.7						
Ángulo de pluma principal 45.0 [°]										
45.2	35.0	40.5		3.9						
46.0	27.5	39.4	4.3	3.6						
47.0	17.4	36.8	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]: 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]
44.0 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 [°]										
8.3	78.0	62.8		30.1						
9.0	75.5	62.6	15.1	29.9						
10.0	71.7	62.3	15.1	24.8						
11.0	67.9	61.9	15.1	19.8						
12.0	63.9	61.4	15.1	16.3						
13.0	59.8	60.8	14.1	13.9						
14.0	55.4	60.2	12.2	12.0						
16.0	45.8	58.4	9.4	9.4						
18.0	34.1	55.9	7.4	7.7						
Ángulo de pluma principal 83.0 [°]										
13.6	73.0	62.0	15.1	25.6						
14.0	71.3	61.9	15.1	24.1						
16.0	63.4	61.0	15.1	15.8						
18.0	54.9	59.7	12.4	11.7						
20.0	45.2	57.9	9.7	9.3						
22.0	33.3	55.4	7.6	7.6						
Ángulo de pluma principal 75.0 [°]										
21.7	65.0	59.8		16.3						
22.0	63.8	59.7	15.1	16.1						
24.0	55.3	58.4	13.0	11.8						
26.0	45.7	56.7	9.8	9.3						
28.0	33.9	54.2	7.6	7.6						
Ángulo de pluma principal 65.0 [°]										
31.3	55.0	55.5		11.4						
32.0	52.0	55.1	11.6	10.8						
34.0	41.8	53.1	8.8	8.5						
36.0	28.5	50.2	7.1	7.0						
Ángulo de pluma principal 45.0 [°]										
47.6	35.0	42.2		3.2						
48.0	32.6	41.9	3.7	3.1						
50.0	15.4	37.1	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]: 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]
44.0 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 [°]										
8.4	78.0	62.8	15.1	30.1						
9.0	75.7	62.7	15.1	30.1						
10.0	72.0	62.3	15.1	30.1						
11.0	68.1	61.9	15.1	28.0						
12.0	64.1	61.4	15.1	23.0						
13.0	60.0	60.9	15.1	19.6						
14.0	55.6	60.2	15.1	16.7						
16.0	46.1	58.5	13.8	13.0						
18.0	34.3	56.0	11.2	10.5						
Ángulo de pluma principal 83.0 [°]										
13.6	73.0	62.0		30.1						
14.0	71.5	61.9	15.1	30.1						
16.0	63.6	61.0	15.1	22.5						
18.0	55.1	59.7	15.1	16.4						
20.0	45.4	58.0	13.4	12.8						
22.0	33.5	55.4	11.0	10.4						
Ángulo de pluma principal 75.0 [°]										
21.8	65.0	59.8		22.9						
22.0	64.0	59.7	15.1	22.8						
24.0	55.5	58.5	14.6	16.4						
26.0	46.0	56.8	12.6	12.8						
28.0	34.2	54.3	9.9	10.4						
Ángulo de pluma principal 65.0 [°]										
31.4	55.0	55.5		10.8						
32.0	52.2	55.1	12.5	10.3						
34.0	42.0	53.1	11.0	8.9						
36.0	28.8	50.2	9.5	7.6						
37.0	18.9	48.0	8.5	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]
44.0 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 [°]										
9.0	78.0	65.7	15.1	30.1						
10.0	74.7	65.5	15.1	28.8						
11.0	71.6	65.1	15.1	24.0						
12.0	68.3	64.7	15.1	20.3						
13.0	65.0	64.3	15.1	17.3						
14.0	61.6	63.7	15.1	15.1						
16.0	54.3	62.4	12.8	11.9						
18.0	46.2	60.7	10.7	9.8						
20.0	36.7	58.3	8.5	8.1						
22.0	24.0	54.9	7.1	6.9						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	64.9		25.0						
16.0	67.9	64.3	15.1	19.8						
18.0	61.1	63.3	15.0	14.9						
20.0	53.8	61.9	12.2	11.7						
22.0	45.7	60.2	10.0	9.7						
24.0	36.1	57.8	8.0	8.1						
26.0	23.0	54.2	6.8	6.9						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5		16.5						
24.0	61.5	62.0	15.1	14.9						
26.0	54.2	60.7	13.2	11.8						
28.0	46.1	59.0	10.6	9.8						
30.0	36.6	56.6	8.4	8.1						
32.0	23.8	53.1	7.1	7.0						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	58.0		11.8						
34.0	51.4	57.3	12.4	11.0						
36.0	42.9	55.4	9.7	9.1						
38.0	32.5	52.7	8.0	7.7						
Ángulo de pluma principal 45.0 [°]										
50.1	35.0	43.9		2.8						
52.0	22.2	40.7	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]: 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]
44.0 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 [°]										
9.0	78.0	65.7		30.1						
10.0	74.9	65.5	15.1	30.1						
11.0	71.7	65.2	15.1	29.9						
12.0	68.5	64.8	15.1	28.4						
13.0	65.2	64.3	15.1	23.9						
14.0	61.7	63.8	15.1	20.7						
16.0	54.5	62.4	15.1	16.0						
18.0	46.4	60.7	13.6	12.9						
20.0	37.0	58.4	10.7	10.5						
22.0	24.3	54.9	8.7	8.7						
Ángulo de pluma principal 83.0 [°]										
14.5	73.0	64.9	15.1	30.1						
16.0	68.1	64.3	15.1	27.7						
18.0	61.3	63.3	15.1	20.4						
20.0	54.0	62.0	15.1	15.7						
22.0	45.9	60.2	13.2	12.8						
24.0	36.3	57.8	10.6	10.5						
26.0	23.3	54.3	8.7	8.7						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5		21.3						
24.0	61.7	62.1	15.1	19.8						
26.0	54.4	60.7	15.1	15.9						
28.0	46.3	59.0	14.0	13.0						
30.0	36.8	56.7	11.5	10.7						
32.0	24.1	53.2	9.4	8.9						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	57.9		9.6						
34.0	51.6	57.3	10.7	9.0						
36.0	43.1	55.4	9.5	7.7						
38.0	32.8	52.8	8.3	6.7						
40.0	17.1	48.5	7.3	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]: 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]
44.0 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 [°]										
9.6	78.0	68.7	15.1	30.1						
10.0	76.9	68.6	15.1	29.8						
11.0	74.2	68.3	15.1	24.8						
12.0	71.4	67.9	15.1	20.6						
13.0	68.6	67.6	15.1	17.9						
14.0	65.8	67.1	15.1	15.6						
16.0	59.8	66.0	14.1	12.4						
18.0	53.5	64.7	11.0	10.1						
20.0	46.5	62.9	9.0	8.5						
22.0	38.5	60.7	7.4	7.2						
24.0	28.6	57.6	6.3	6.3						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	67.7		21.6						
16.0	71.1	67.5	15.1	20.4						
18.0	65.4	66.7	14.6	15.3						
20.0	59.5	65.6	12.9	12.3						
22.0	53.1	64.2	10.1	10.0						
24.0	46.1	62.4	8.4	8.5						
26.0	38.0	60.1	7.0	7.2						
28.0	28.0	57.0	6.0	6.2						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	65.2		14.5						
26.0	59.8	64.3	13.7	12.3						
28.0	53.4	62.9	10.9	10.1						
30.0	46.4	61.2	8.9	8.5						
32.0	38.4	58.9	7.4	7.2						
34.0	28.5	55.8	6.3	6.3						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		10.3						
36.0	50.9	59.5	10.1	9.5						
38.0	43.6	57.6	8.3	8.0						
40.0	35.1	55.1	7.0	6.9						
42.0	23.9	51.5	6.1	6.0						
Ángulo de pluma principal 45.0 [°]										
52.6	35.0	45.6		2.1						
54.0	28.6	43.5	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]: 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]
44.0 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 [°]										
9.6	78.0	68.7		30.1						
10.0	77.0	68.6	15.1	30.1						
11.0	74.3	68.3	15.1	30.1						
12.0	71.6	68.0	15.1	27.6						
13.0	68.8	67.6	15.1	25.1						
14.0	65.9	67.1	15.1	21.6						
16.0	60.0	66.1	14.9	16.9						
18.0	53.6	64.7	14.2	13.7						
20.0	46.7	63.0	12.5	11.4						
22.0	38.7	60.7	10.0	9.5						
24.0	28.9	57.6	8.3	8.1						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	67.8	15.1	30.1						
16.0	71.2	67.6	15.1	28.7						
18.0	65.6	66.7	15.1	21.2						
20.0	59.6	65.6	14.7	16.6						
22.0	53.2	64.2	13.6	13.5						
24.0	46.2	62.5	11.5	11.3						
26.0	38.2	60.2	9.4	9.4						
28.0	28.2	57.0	7.9	8.1						
Ángulo de pluma principal 75.0 [°]										
24.3	65.0	65.2		19.7						
26.0	59.9	64.4	15.1	16.8						
28.0	53.6	63.0	13.7	13.6						
30.0	46.6	61.2	11.8	11.4						
32.0	38.6	59.0	9.6	9.6						
34.0	28.7	55.9	8.1	8.2						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		8.6						
36.0	51.1	59.6	9.5	8.0						
38.0	43.8	57.7	8.4	7.0						
40.0	35.3	55.2	7.4	6.0						
42.0	24.2	51.6	6.5	5.2						
43.0	15.7	48.9	6.0	4.8						

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]: 74.0
 Lastre central [t]: 0.0

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]
44.0 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 [°]										
10.2	78.0	71.6	15.1	27.3						
11.0	76.1	71.4	15.1	25.2						
12.0	73.7	71.1	15.1	21.4						
13.0	71.3	70.8	15.1	18.2						
14.0	68.8	70.4	15.0	16.1						
16.0	63.8	69.5	12.8	12.8						
18.0	58.5	68.3	10.7	10.6						
20.0	52.8	66.9	8.7	8.8						
22.0	46.7	65.1	7.3	7.6						
24.0	39.8	63.0	6.3	6.5						
26.0	31.7	60.1	5.4	5.7						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6	15.1	19.1						
18.0	68.6	70.0	15.1	15.8						
20.0	63.5	69.0	13.5	12.6						
22.0	58.2	67.9	11.3	10.4						
24.0	52.5	66.4	9.1	8.8						
26.0	46.3	64.6	7.6	7.5						
28.0	39.4	62.4	6.5	6.5						
30.0	31.1	59.5	5.6	5.7						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	68.0		12.9						
26.0	63.7	67.8	14.4	12.8						
28.0	58.4	66.6	11.4	10.6						
30.0	52.8	65.2	9.1	8.8						
32.0	46.6	63.4	7.7	7.6						
34.0	39.7	61.2	6.5	6.5						
36.0	31.6	58.4	5.7	5.7						
Ángulo de pluma principal 65.0 [°]										
36.5	55.0	62.9		9.1						
38.0	50.6	61.8	8.6	8.3						
40.0	44.2	59.9	7.2	7.2						
42.0	37.0	57.5	6.2	6.2						
44.0	28.0	54.3	5.5	5.5						
46.0	16.7	49.2	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]: 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]
44.0 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 [°]										
10.3	78.0	71.6	15.1	30.1						
11.0	76.2	71.4	15.1	30.1						
12.0	73.9	71.1	15.1	30.0						
13.0	71.4	70.8	15.1	25.4						
14.0	69.0	70.4	15.1	22.4						
16.0	63.9	69.5	15.1	17.3						
18.0	58.6	68.4	13.8	14.2						
20.0	53.0	66.9	11.8	11.8						
22.0	46.9	65.2	10.0	10.0						
24.0	40.0	63.0	8.3	8.4						
26.0	31.8	60.2	7.0	7.2						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6		26.6						
18.0	68.7	70.0	15.1	21.8						
20.0	63.6	69.1	15.1	17.1						
22.0	58.3	67.9	13.9	14.0						
24.0	52.6	66.5	12.3	11.6						
26.0	46.5	64.7	10.4	9.8						
28.0	39.5	62.5	8.6	8.4						
30.0	31.3	59.6	7.2	7.2						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	68.0		17.3						
26.0	63.9	67.8	15.1	17.3						
28.0	58.6	66.6	14.8	14.2						
30.0	52.9	65.2	12.0	11.7						
32.0	46.8	63.5	10.0	10.0						
34.0	39.9	61.3	8.3	8.5						
36.0	31.8	58.5	7.1	7.4						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	62.9		7.5						
38.0	50.8	61.8	8.0	6.8						
40.0	44.4	59.9	7.1	5.9						
42.0	37.1	57.5	6.2	5.1						
44.0	28.2	54.3	5.4	4.4						
46.0	17.0	49.3	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]: 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]
44.0 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 [°]										
10.8	78.0	74.5		30.1						
11.0	77.6	74.5	15.1	30.1						
12.0	75.5	74.2	15.1	30.1						
13.0	73.4	73.9	15.1	29.3						
14.0	71.2	73.6	15.1	25.9						
16.0	66.8	72.8	15.1	21.1						
18.0	62.2	71.8	15.1	17.6						
20.0	57.4	70.6	14.4	15.2						
22.0	52.3	69.1	13.7	13.3						
24.0	46.9	67.4	12.5	11.8						
26.0	40.8	65.3	10.9	10.6						
28.0	33.8	62.6	9.7	9.6						
30.0	25.2	59.0	8.7	8.8						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5	15.1	27.0						
18.0	71.0	73.2	15.1	25.7						
20.0	66.5	72.4	15.1	20.8						
22.0	61.9	71.3	15.1	17.4						
24.0	57.1	70.1	14.5	15.0						
26.0	52.0	68.7	13.9	13.2						
28.0	46.5	66.9	12.4	11.8						
30.0	40.4	64.7	10.9	10.5						
32.0	33.4	62.0	9.7	9.6						
34.0	24.5	58.4	8.7	8.8						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		18.6						
28.0	62.2	70.1	15.1	17.6						
30.0	57.4	68.9	14.9	15.1						
32.0	52.3	67.4	13.8	13.2						
34.0	46.8	65.7	12.5	11.8						
36.0	40.7	63.5	10.9	10.6						
38.0	33.8	60.8	9.7	9.6						
40.0	25.1	57.3	8.8	8.8						
Ángulo de pluma principal 65.0 [°]										
38.2	55.0	65.3		9.4						
40.0	50.3	64.0	9.9	8.6						
42.0	44.7	62.1	9.0	7.8						
44.0	38.3	59.8	8.3	7.1						
46.0	30.9	56.9	7.6	6.4						
48.0	21.0	52.7	6.9	5.8						
49.0	15.7	49.6	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]: 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]
44.0 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 [°]										
9.0	78.0	65.7	15.1	30.1						
10.0	74.7	65.5	15.1	30.1						
11.0	71.6	65.1	15.1	28.2						
12.0	68.3	64.7	15.1	25.6						
13.0	65.0	64.3	15.1	21.6						
14.0	61.6	63.7	15.1	18.8						
16.0	54.3	62.4	15.0	14.7						
18.0	46.2	60.7	13.5	12.0						
20.0	36.7	58.3	10.6	9.8						
22.0	24.0	54.9	8.7	8.3						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	64.9	15.1	30.0						
16.0	67.9	64.3	15.1	24.8						
18.0	61.1	63.3	15.1	18.6						
20.0	53.8	61.9	15.1	14.5						
22.0	45.7	60.2	13.2	11.9						
24.0	36.1	57.8	10.5	9.8						
26.0	23.0	54.2	8.6	8.3						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5	15.1	20.2						
24.0	61.5	62.0	15.1	18.7						
26.0	54.2	60.7	14.9	14.7						
28.0	46.1	59.0	13.5	12.0						
30.0	36.6	56.6	10.7	10.0						
32.0	23.8	53.1	8.9	8.5						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	58.0	11.5	9.6						
34.0	51.4	57.3	11.5	9.0						
36.0	42.9	55.4	10.2	7.7						
38.0	32.5	52.7	9.0	6.7						
40.0	16.8	48.4	7.9	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]: 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]
44.0 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 [°]										
10.9	78.0	74.6	15.1	30.1						
11.0	77.7	74.5	15.1	30.1						
12.0	75.6	74.3	15.1	30.1						
13.0	73.5	74.0	15.1	30.0						
14.0	71.3	73.6	15.1	28.9						
16.0	66.9	72.8	15.1	25.1						
18.0	62.4	71.8	15.1	20.7						
20.0	57.6	70.6	15.0	17.5						
22.0	52.5	69.2	14.8	15.1						
24.0	47.0	67.4	13.6	13.2						
26.0	41.0	65.3	11.7	11.6						
28.0	34.0	62.6	10.2	10.3						
30.0	25.3	59.1	9.0	9.3						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5		30.1						
18.0	71.1	73.2	15.1	30.0						
20.0	66.7	72.4	15.1	24.8						
22.0	62.1	71.4	15.1	20.5						
24.0	57.3	70.2	15.1	17.3						
26.0	52.2	68.7	15.1	15.0						
28.0	46.7	66.9	13.4	13.1						
30.0	40.6	64.8	11.6	11.6						
32.0	33.5	62.1	10.2	10.4						
34.0	24.7	58.4	9.0	9.3						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		16.7						
28.0	62.3	70.1	15.1	15.6						
30.0	57.5	68.9	15.1	13.8						
32.0	52.4	67.5	14.7	12.3						
34.0	46.9	65.7	13.3	11.0						
36.0	40.9	63.6	12.0	9.8						
38.0	33.9	60.9	10.8	8.8						
40.0	25.2	57.3	9.5	7.8						
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	65.3		6.6						
40.0	50.5	64.0	6.9	5.9						
42.0	44.8	62.2	6.1	5.1						
44.0	38.5	59.9	5.3	4.4						
46.0	31.0	56.9	4.6	3.8						
48.0	21.2	52.8	3.9	3.2						
49.0	16.0	49.7	3.6							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
44.0 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 [°]										
9.6	78.0	68.7	15.1	30.1						
10.0	76.9	68.6	15.1	30.1						
11.0	74.2	68.3	15.1	27.8						
12.0	71.4	67.9	15.1	23.7						
13.0	68.6	67.6	15.1	20.5						
14.0	65.8	67.1	15.1	17.8						
16.0	59.8	66.0	14.6	14.0						
18.0	53.5	64.7	12.0	11.3						
20.0	46.5	62.9	9.9	9.3						
22.0	38.5	60.7	8.0	7.7						
24.0	28.6	57.6	6.6	6.6						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	67.7		24.0						
16.0	71.1	67.5	15.1	23.3						
18.0	65.4	66.7	15.1	17.4						
20.0	59.5	65.6	14.3	13.8						
22.0	53.1	64.2	11.3	11.1						
24.0	46.1	62.4	9.3	9.2						
26.0	38.0	60.1	7.5	7.7						
28.0	28.0	57.0	6.4	6.6						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	65.2		15.9						
26.0	59.8	64.3	14.9	13.9						
28.0	53.4	62.9	12.3	11.2						
30.0	46.4	61.2	9.9	9.4						
32.0	38.4	58.9	8.0	7.8						
34.0	28.5	55.8	6.8	6.7						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		8.6						
36.0	50.9	59.5	10.0	7.9						
38.0	43.6	57.6	8.9	6.9						
40.0	35.1	55.1	7.6	6.0						
42.0	23.9	51.5	6.5	5.1						
43.0	15.4	48.8	6.0	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]: 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]
44.0 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 [°]										
11.5	78.0	77.5	15.1	30.1						
12.0	77.1	77.4	15.1	30.1						
13.0	75.1	77.1	15.1	30.1						
14.0	73.2	76.8	15.1	29.1						
16.0	69.3	76.1	15.1	24.0						
18.0	65.2	75.2	15.1	19.6						
20.0	61.1	74.2	15.0	16.6						
22.0	56.7	72.9	13.5	14.3						
24.0	52.1	71.4	12.3	12.5						
26.0	47.1	69.7	11.0	11.0						
28.0	41.7	67.6	9.5	9.7						
30.0	35.6	65.0	8.3	8.6						
32.0	28.4	61.8	7.4	7.8						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	76.4		27.7						
20.0	69.1	75.7	15.1	23.5						
22.0	65.0	74.8	15.1	19.4						
24.0	60.8	73.7	15.0	16.5						
26.0	56.4	72.4	13.8	14.1						
28.0	51.8	70.9	13.0	12.4						
30.0	46.8	69.2	11.4	10.9						
32.0	41.4	67.1	9.8	9.7						
34.0	35.2	64.5	8.5	8.6						
36.0	27.9	61.2	7.7	7.8						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	73.4		15.3						
30.0	61.0	72.4	15.1	13.6						
32.0	56.6	71.2	14.3	12.2						
34.0	52.0	69.7	12.6	10.9						
36.0	47.1	67.9	11.1	9.7						
38.0	41.7	65.9	9.6	8.7						
40.0	35.6	63.3	8.4	7.8						
42.0	28.3	60.0	7.6	6.9						
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	67.8		5.7						
42.0	50.3	66.3	5.7	4.9						
44.0	45.2	64.4	5.0	4.2						
46.0	39.5	62.2	4.3	3.6						
48.0	33.1	59.4	3.6	3.0						
50.0	25.1	55.7	3.0	2.5						
52.0	15.2	50.1	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]: 74.0
 Lastre central [t]: 0.0

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]
44.0 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 [°]										
9.6	78.0	68.7		30.1						
10.0	77.0	68.6	15.1	30.1						
11.0	74.3	68.3	15.1	30.1						
12.0	71.6	68.0	15.1	28.7						
13.0	68.8	67.6	15.1	27.2						
14.0	65.9	67.1	15.1	23.4						
16.0	60.0	66.1	15.1	18.3						
18.0	53.6	64.7	14.9	14.7						
20.0	46.7	63.0	13.5	12.2						
22.0	38.7	60.7	10.8	10.2						
24.0	28.9	57.6	8.8	8.6						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	67.8	15.1	30.1						
16.0	71.2	67.6	15.1	30.0						
18.0	65.6	66.7	15.1	23.0						
20.0	59.6	65.6	15.1	18.1						
22.0	53.2	64.2	15.1	14.5						
24.0	46.2	62.5	13.3	12.1						
26.0	38.2	60.2	10.7	10.1						
28.0	28.2	57.0	8.9	8.6						
Ángulo de pluma principal 75.0 [°]										
24.3	65.0	65.2		15.7						
26.0	59.9	64.4	15.1	13.6						
28.0	53.6	63.0	14.8	11.5						
30.0	46.6	61.2	13.4	9.7						
32.0	38.6	59.0	11.0	8.2						
34.0	28.7	55.9	9.1	6.9						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		5.5						
36.0	51.1	59.6	6.3	4.9						
38.0	43.8	57.7	5.1	3.8						
40.0	35.3	55.2	4.0	2.9						
42.0	24.2	51.6	3.0	2.1						
43.0	18.3	48.9	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]: 74.0
 Lastre central [t]: 0.0

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]
44.0 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 [°]										
10.2	78.0	71.6	15.1	29.9						
11.0	76.1	71.4	15.1	28.5						
12.0	73.7	71.1	15.1	24.2						
13.0	71.3	70.8	15.1	20.7						
14.0	68.8	70.4	15.1	18.3						
16.0	63.8	69.5	14.0	14.5						
18.0	58.5	68.3	12.2	12.1						
20.0	52.8	66.9	10.0	10.1						
22.0	46.7	65.1	8.5	8.7						
24.0	39.8	63.0	7.2	7.5						
26.0	31.7	60.1	6.3	6.5						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6	15.1	21.2						
18.0	68.6	70.0	15.1	17.9						
20.0	63.5	69.0	14.4	14.3						
22.0	58.2	67.9	12.7	11.9						
24.0	52.5	66.4	10.5	10.0						
26.0	46.3	64.6	8.9	8.6						
28.0	39.4	62.4	7.5	7.4						
30.0	31.1	59.5	6.5	6.5						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	68.0		14.4						
26.0	63.7	67.8	15.1	14.4						
28.0	58.4	66.6	12.8	12.1						
30.0	52.8	65.2	10.5	10.1						
32.0	46.6	63.4	8.9	8.7						
34.0	39.7	61.2	7.6	7.5						
36.0	31.6	58.4	6.6	6.6						
Ángulo de pluma principal 65.0 [°]										
36.5	55.0	62.9		7.9						
38.0	50.6	61.8	8.9	7.1						
40.0	44.2	59.9	7.9	6.2						
42.0	37.0	57.5	6.9	5.4						
44.0	28.0	54.3	6.1	4.7						
46.0	16.7	49.2	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]: 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]
44.0 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 [°]										
10.3	78.0	71.6	15.1	30.1						
11.0	76.2	71.4	15.1	30.1						
12.0	73.9	71.1	15.1	30.1						
13.0	71.4	70.8	15.1	26.9						
14.0	69.0	70.4	15.1	24.1						
16.0	63.9	69.5	15.1	18.7						
18.0	58.6	68.4	14.2	15.3						
20.0	53.0	66.9	12.4	12.6						
22.0	46.9	65.2	10.7	10.7						
24.0	40.0	63.0	8.8	9.0						
26.0	31.8	60.2	7.4	7.7						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6		27.8						
18.0	68.7	70.0	15.1	23.6						
20.0	63.6	69.1	15.1	18.5						
22.0	58.3	67.9	14.4	15.1						
24.0	52.6	66.5	13.1	12.5						
26.0	46.5	64.7	11.3	10.6						
28.0	39.5	62.5	9.2	9.0						
30.0	31.3	59.6	7.7	7.7						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	68.0		14.3						
26.0	63.9	67.8	15.1	13.8						
28.0	58.6	66.6	15.1	11.7						
30.0	52.9	65.2	12.9	10.0						
32.0	46.8	63.5	11.0	8.5						
34.0	39.9	61.3	9.1	7.2						
36.0	31.8	58.5	7.7	6.1						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	62.9		4.5						
38.0	50.8	61.8	4.9	3.8						
40.0	44.4	59.9	3.9	3.0						
42.0	37.1	57.5	2.9	2.2						
44.0	29.3	54.3	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]: 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]
44.0 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 [°]										
10.8	78.0	74.5		27.5						
11.0	77.6	74.5	15.1	27.5						
12.0	75.5	74.2	15.1	25.2						
13.0	73.4	73.9	15.1	22.0						
14.0	71.2	73.6	15.1	19.1						
16.0	66.8	72.8	14.3	15.3						
18.0	62.2	71.8	12.7	12.6						
20.0	57.4	70.6	10.6	10.5						
22.0	52.3	69.1	8.6	8.8						
24.0	46.9	67.4	7.3	7.6						
26.0	40.8	65.3	6.3	6.5						
28.0	33.8	62.6	5.4	5.7						
30.0	25.2	59.0	4.7	5.0						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5	15.1	19.6						
18.0	71.0	73.2	15.1	18.8						
20.0	66.5	72.4	14.8	15.1						
22.0	61.9	71.3	13.3	12.5						
24.0	57.1	70.1	11.0	10.4						
26.0	52.0	68.7	9.0	8.8						
28.0	46.5	66.9	7.6	7.6						
30.0	40.4	64.7	6.5	6.5						
32.0	33.4	62.0	5.6	5.7						
34.0	24.5	58.4	4.9	5.0						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		13.2						
28.0	62.2	70.1	13.0	12.6						
30.0	57.4	68.9	10.6	10.5						
32.0	52.3	67.4	8.7	8.9						
34.0	46.8	65.7	7.4	7.7						
36.0	40.7	63.5	6.4	6.6						
38.0	33.8	60.8	5.6	5.8						
40.0	25.1	57.3	4.9	5.1						
Ángulo de pluma principal 65.0 [°]										
38.2	55.0	65.3		7.0						
40.0	50.3	64.0	7.7	6.2						
42.0	44.7	62.1	6.8	5.4						
44.0	38.3	59.8	6.0	4.7						
46.0	30.9	56.9	5.3	4.1						
48.0	21.0	52.7	4.6	3.5						
49.0	15.7	49.6	4.2							

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]
44.0 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 [°]										
10.9	78.0	74.6	15.1	30.1						
11.0	77.7	74.5	15.1	30.1						
12.0	75.6	74.3	15.1	29.4						
13.0	73.5	74.0	15.1	26.7						
14.0	71.3	73.6	15.1	23.0						
16.0	66.9	72.8	15.0	18.2						
18.0	62.4	71.8	14.7	14.7						
20.0	57.6	70.6	12.5	12.2						
22.0	52.5	69.2	10.1	10.2						
24.0	47.0	67.4	8.4	8.7						
26.0	41.0	65.3	7.1	7.3						
28.0	34.0	62.6	6.0	6.3						
30.0	25.3	59.1	5.1	5.3						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5		23.7						
18.0	71.1	73.2	15.1	22.8						
20.0	66.7	72.4	15.1	17.9						
22.0	62.1	71.4	15.1	14.5						
24.0	57.3	70.2	12.8	12.1						
26.0	52.2	68.7	10.6	10.2						
28.0	46.7	66.9	8.9	8.7						
30.0	40.6	64.8	7.4	7.3						
32.0	33.5	62.1	6.2	6.3						
34.0	24.7	58.4	5.3	5.4						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		13.1						
28.0	62.3	70.1	15.1	11.9						
30.0	57.5	68.9	13.1	10.2						
32.0	52.4	67.5	10.8	8.7						
34.0	46.9	65.7	9.0	7.4						
36.0	40.9	63.6	7.6	6.3						
38.0	33.9	60.9	6.4	5.3						
40.0	25.2	57.3	5.5	4.5						
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	65.3		3.7						
40.0	50.5	64.0	3.8	3.0						
42.0	44.8	62.2	2.9	2.3						
44.0	39.1	59.9	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]: 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]
44.0 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 [°]										
11.4	78.0	77.5		25.0						
12.0	76.9	77.3	15.1	25.0						
13.0	75.0	77.1	15.1	22.1						
14.0	73.1	76.8	15.1	19.6						
16.0	69.2	76.1	15.1	15.7						
18.0	65.1	75.2	13.2	12.9						
20.0	60.9	74.1	11.6	10.9						
22.0	56.6	72.9	9.5	9.2						
24.0	52.0	71.4	7.9	7.8						
26.0	47.0	69.6	6.7	6.8						
28.0	41.6	67.5	5.8	5.9						
30.0	35.5	65.0	5.1	5.1						
32.0	28.2	61.7	4.5	4.5						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	76.4		17.8						
18.0	72.9	76.4	15.1	17.8						
20.0	68.9	75.6	15.1	15.3						
22.0	64.9	74.7	13.4	12.7						
24.0	60.7	73.7	11.5	10.8						
26.0	56.3	72.4	9.4	9.1						
28.0	51.7	70.9	7.9	7.8						
30.0	46.7	69.1	6.8	6.8						
32.0	41.3	67.0	5.8	5.9						
34.0	35.1	64.4	5.1	5.2						
36.0	27.7	61.1	4.5	4.6						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	73.4		12.0						
30.0	60.9	72.4	11.5	10.8						
32.0	56.5	71.1	9.6	9.2						
34.0	51.9	69.7	8.0	7.9						
36.0	46.9	67.9	6.9	6.9						
38.0	41.5	65.8	5.9	6.0						
40.0	35.4	63.2	5.2	5.3						
42.0	28.1	60.0	4.6	4.7						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	67.8		6.4						
40.0	54.9	67.7		6.3						
42.0	50.1	66.2	6.8	5.6						
44.0	45.0	64.4	6.1	4.9						
46.0	39.4	62.1	5.3	4.2						
48.0	32.9	59.3	4.7	3.7						
50.0	25.0	55.7	4.0	3.1						
51.0	19.9	53.3	3.7	2.9						

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]
44.0 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 [°]										
11.5	78.0	77.5	15.1	30.1						
12.0	77.1	77.4	15.1	30.1						
13.0	75.1	77.1	15.1	29.9						
14.0	73.2	76.8	15.1	29.2						
16.0	69.3	76.1	15.1	23.2						
18.0	65.2	75.2	15.1	19.0						
20.0	61.1	74.2	15.1	16.1						
22.0	56.7	72.9	13.3	13.8						
24.0	52.1	71.4	11.8	11.9						
26.0	47.1	69.7	10.2	10.3						
28.0	41.7	67.6	8.5	8.8						
30.0	35.6	65.0	7.0	7.5						
32.0	28.4	61.8	5.6	6.0						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	76.4		26.3						
20.0	69.1	75.7	15.1	22.8						
22.0	65.0	74.8	15.1	18.8						
24.0	60.8	73.7	15.1	16.0						
26.0	56.4	72.4	13.3	13.7						
28.0	51.8	70.9	11.8	11.9						
30.0	46.8	69.2	10.4	10.5						
32.0	41.4	67.1	8.9	9.2						
34.0	35.2	64.5	7.7	8.1						
36.0	27.9	61.2	6.8	7.2						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	73.4		11.8						
30.0	61.0	72.4	12.8	10.2						
32.0	56.6	71.2	11.2	8.7						
34.0	52.0	69.7	9.7	7.5						
36.0	47.1	67.9	8.4	6.4						
38.0	41.7	65.9	7.2	5.4						
40.0	35.6	63.3	6.1	4.5						
42.0	28.3	60.0	5.1	3.7						
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	67.8		2.9						
42.0	50.3	66.3	2.7	2.1						
43.0	48.1	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]: 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]
44.0 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 [°]										
12.1	78.0	80.4	15.1	22.7						
13.0	76.4	80.2	15.1	22.4						
14.0	74.6	79.9	15.1	19.6						
16.0	71.1	79.3	15.1	15.8						
18.0	67.5	78.5	14.2	13.2						
20.0	63.7	77.5	11.7	11.0						
22.0	59.9	76.4	9.8	9.5						
24.0	55.9	75.1	8.2	8.1						
26.0	51.6	73.6	6.9	7.0						
28.0	47.1	71.9	6.0	6.1						
30.0	42.2	69.8	5.2	5.3						
32.0	36.8	67.3	4.5	4.6						
34.0	30.5	64.3	4.0	4.1						
36.0	22.7	60.3	3.6	3.6						
Ángulo de pluma principal 83.0 [°]										
18.8	73.0	79.2		16.3						
20.0	70.9	78.8	15.1	15.7						
22.0	67.3	78.0	14.3	13.1						
24.0	63.5	77.1	11.6	10.9						
26.0	59.7	76.0	9.7	9.4						
28.0	55.6	74.7	8.1	8.0						
30.0	51.4	73.1	6.9	7.0						
32.0	46.8	71.4	6.0	6.1						
34.0	41.9	69.3	5.3	5.3						
36.0	36.4	66.8	4.6	4.6						
38.0	30.1	63.7	4.1	4.1						
40.0	22.1	59.6	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
29.3	65.0	76.1		10.9						
30.0	63.7	75.8	11.0	10.9						
32.0	59.8	74.7	9.3	9.4						
34.0	55.8	73.4	7.9	8.1						
36.0	51.6	71.9	6.8	7.1						
38.0	47.1	70.1	6.0	6.2						
40.0	42.2	68.1	5.2	5.4						
42.0	36.7	65.6	4.6	4.8						
44.0	30.5	62.5	4.1	4.3						
46.0	22.6	58.5	3.6	3.8						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		5.6						
42.0	54.3	70.1	6.6	5.5						
44.0	50.0	68.5	5.8	4.8						
46.0	45.3	66.6	5.1	4.2						
48.0	40.3	64.4	4.5	3.6						
50.0	34.6	61.7	3.9	3.1						
54.0	18.9	53.8	2.8	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]: 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]
44.0 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 [°]										
12.1	78.0	80.4		30.1						
13.0	76.5	80.2	15.1	30.1						
14.0	74.7	79.9	15.1	27.4						
16.0	71.2	79.3	15.1	21.9						
18.0	67.6	78.5	14.9	18.2						
20.0	63.8	77.6	14.4	15.2						
22.0	60.0	76.5	13.4	13.1						
24.0	56.0	75.2	11.3	11.3						
26.0	51.7	73.7	9.6	9.8						
28.0	47.2	71.9	8.3	8.6						
30.0	42.3	69.8	7.2	7.5						
32.0	36.9	67.4	6.3	6.6						
34.0	30.7	64.3	5.3	5.5						
36.0	22.8	60.3	4.0	4.1						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	79.2	15.1	22.7						
20.0	71.0	78.9	15.1	21.8						
22.0	67.4	78.1	15.1	18.0						
24.0	63.6	77.1	14.9	15.0						
26.0	59.8	76.0	14.0	13.0						
28.0	55.7	74.7	11.8	11.2						
30.0	51.5	73.2	10.0	9.8						
32.0	46.9	71.4	8.7	8.7						
34.0	42.0	69.3	7.6	7.6						
36.0	36.6	66.8	6.6	6.7						
38.0	30.2	63.7	5.8	6.0						
40.0	22.3	59.7	5.1	5.2						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	76.1		10.8						
30.0	63.8	75.9	12.7	10.3						
32.0	59.9	74.7	11.1	8.9						
34.0	55.9	73.5	9.7	7.6						
36.0	51.7	71.9	8.4	6.5						
38.0	47.2	70.2	7.2	5.6						
40.0	42.3	68.1	6.1	4.7						
42.0	36.9	65.6	5.2	3.9						
44.0	30.6	62.6	4.3	3.2						
46.0	22.7	58.6	3.5	2.6						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		2.3						
42.0	54.4	70.1	2.7	2.2						
43.0	52.6	69.3	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]: 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]
44.0 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 [°]										
12.7	78.0	83.3	15.1	22.1						
13.0	77.5	83.3	15.1	22.1						
14.0	75.9	83.0	15.1	21.1						
16.0	72.7	82.4	15.1	17.0						
18.0	69.4	81.7	15.0	14.2						
20.0	66.0	80.9	12.9	12.0						
22.0	62.6	79.9	10.7	10.3						
24.0	59.0	78.7	9.1	9.0						
26.0	55.3	77.4	7.8	7.8						
28.0	51.3	75.9	6.7	6.8						
30.0	47.2	74.1	5.9	6.0						
32.0	42.7	72.1	5.2	5.3						
34.0	37.8	69.7	4.6	4.7						
36.0	32.3	66.8	4.1	4.2						
38.0	25.7	63.1	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1	15.1	16.0						
20.0	72.5	82.0	15.1	15.9						
22.0	69.2	81.3	14.6	14.0						
24.0	65.8	80.4	12.8	12.0						
26.0	62.4	79.4	10.6	10.2						
28.0	58.8	78.3	9.1	8.9						
30.0	55.0	76.9	7.8	7.7						
32.0	51.1	75.4	6.8	6.8						
34.0	46.9	73.6	6.0	6.1						
36.0	42.5	71.5	5.2	5.3						
38.0	37.5	69.1	4.6	4.7						
40.0	32.0	66.2	4.1	4.3						
42.0	25.3	62.5	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		10.8						
32.0	62.5	78.2	10.8	10.4						
34.0	58.9	77.0	9.1	9.0						
36.0	55.2	75.7	7.8	7.9						
38.0	51.3	74.1	6.8	6.9						
40.0	47.2	72.4	6.1	6.2						
42.0	42.7	70.3	5.3	5.4						
44.0	37.8	67.9	4.7	4.8						
46.0	32.3	65.0	4.2	4.4						
48.0	25.6	61.4	3.8	3.9						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		5.0						
44.0	53.8	72.3	5.7	4.8						
46.0	49.8	70.7	5.0	4.2						
48.0	45.6	68.9	4.4	3.6						
50.0	41.0	66.7	3.8	3.1						
55.0	27.3	59.1	2.5							
57.0	19.3	54.3	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]: 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]
44.0 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 [°]										
12.7	78.0	83.4		27.6						
13.0	77.6	83.3	15.1	27.6						
14.0	76.0	83.1	15.1	26.1						
16.0	72.8	82.5	15.1	20.7						
18.0	69.5	81.7	15.1	17.0						
20.0	66.1	80.9	13.6	14.3						
22.0	62.7	79.9	12.1	12.2						
24.0	59.1	78.7	10.5	10.5						
26.0	55.4	77.4	8.9	9.1						
28.0	51.4	75.9	7.6	7.9						
30.0	47.3	74.1	6.6	6.9						
32.0	42.8	72.1	5.7	6.0						
34.0	38.0	69.7	4.9	5.2						
36.0	32.4	66.8	4.2	4.4						
38.0	25.8	63.2	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1		19.3						
20.0	72.6	82.0	15.1	19.2						
22.0	69.3	81.3	15.1	16.7						
24.0	65.9	80.5	14.2	14.1						
26.0	62.5	79.5	12.5	12.1						
28.0	58.9	78.3	10.8	10.4						
30.0	55.1	77.0	9.1	9.0						
32.0	51.2	75.4	7.8	7.9						
34.0	47.0	73.6	6.8	6.9						
36.0	42.6	71.6	5.9	6.1						
38.0	37.6	69.2	5.1	5.3						
40.0	32.1	66.2	4.5	4.7						
42.0	25.4	62.6	3.9	4.0						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		9.6						
32.0	62.6	78.2	10.8	8.6						
34.0	59.0	77.0	9.3	7.5						
36.0	55.3	75.7	8.1	6.4						
38.0	51.4	74.2	6.9	5.5						
40.0	47.3	72.4	5.9	4.6						
42.0	42.8	70.4	5.0	3.8						
44.0	37.9	68.0	4.1	3.1						
46.0	32.4	65.1	3.3	2.5						
48.0	26.6	61.5	2.6							
49.0	22.8	59.2	2.2							