

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
26.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	53.6		30.1						
10.0	77.1	53.5	15.1	30.1						
11.0	74.7	53.3	15.1	30.1						
12.0	72.3	53.0	15.1	27.0						
13.0	69.9	52.6	15.1	23.8						
14.0	67.4	52.2	15.1	20.8						
16.0	62.3	51.2	15.1	16.3						
18.0	56.9	49.9	12.7	13.3						
20.0	51.1	48.4	10.6	11.1						
22.0	44.8	46.6	8.8	9.3						
24.0	37.6	44.2	7.3	7.8						
26.0	28.9	41.1	6.3	6.7						
Ángulo de pluma principal 83.0 [°]										
14.0	73.0	52.8		27.6						
16.0	68.2	52.0	15.1	21.8						
18.0	63.1	51.1	15.1	16.9						
20.0	57.8	49.9	13.4	13.7						
22.0	52.1	48.4	11.6	11.4						
24.0	45.8	46.6	9.7	9.6						
26.0	38.8	44.4	8.0	8.1						
28.0	30.4	41.4	6.8	7.0						
Ángulo de pluma principal 75.0 [°]										
20.9	65.0	50.6		17.8						
22.0	62.2	50.1	15.1	16.3						
24.0	56.8	48.8	14.2	13.3						
26.0	51.0	47.3	11.9	11.1						
28.0	44.6	45.4	9.8	9.4						
30.0	37.4	43.1	8.1	8.0						
32.0	28.6	39.9	6.9	6.9						
Ángulo de pluma principal 65.0 [°]										
28.9	55.0	46.5		11.3						
30.0	51.9	45.8	11.9	10.5						
32.0	45.7	44.0	9.7	9.0						
34.0	38.6	41.7	8.0	7.8						
36.0	30.2	38.7	6.8	6.7						
Ángulo de pluma principal 45.0 [°]										
42.3	35.0	34.6		2.6						
44.0	27.2	32.1	2.7	2.1						
45.0	22.8	29.9	2.3							

Cargas pluma principal + plumín abatible + midfall

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 Lastre trasero [t]: 54.0
 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]
26.0 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 [°]										
10.2	78.0	56.6		30.1						
11.0	76.4	56.4	15.1	30.1						
12.0	74.3	56.1	15.1	30.1						
13.0	72.1	55.8	15.1	29.5						
14.0	70.0	55.4	15.1	29.0						
16.0	65.5	54.5	15.1	23.7						
18.0	60.9	53.5	15.1	19.7						
20.0	56.0	52.2	15.1	16.7						
22.0	50.8	50.7	15.1	14.4						
24.0	45.2	48.8	13.2	12.6						
26.0	38.9	46.5	11.4	11.0						
28.0	31.5	43.6	10.0	9.8						
30.0	21.9	39.6	8.8	8.7						
Ángulo de pluma principal 83.0 [°]										
14.9	73.0	55.6		30.1						
16.0	70.7	55.3	15.1	29.5						
18.0	66.2	54.4	15.1	24.6						
20.0	61.6	53.4	15.1	20.4						
22.0	56.8	52.2	15.1	17.1						
24.0	51.7	50.7	15.1	14.7						
26.0	46.1	48.9	13.4	12.9						
28.0	39.9	46.7	11.7	11.3						
30.0	32.8	43.9	10.4	10.1						
32.0	23.7	40.1	9.1	9.0						
Ángulo de pluma principal 75.0 [°]										
22.2	65.0	53.3		19.7						
24.0	60.8	52.4	15.1	17.4						
26.0	55.9	51.1	15.1	15.2						
28.0	50.7	49.5	15.1	13.4						
30.0	45.0	47.7	13.4	11.7						
32.0	38.7	45.4	11.6	10.2						
34.0	31.3	42.5	10.3	8.9						
36.0	21.6	38.4	9.0	7.8						
Ángulo de pluma principal 65.0 [°]										
30.7	55.0	49.0		10.2						
32.0	51.5	48.1	11.2	9.3						
34.0	46.0	46.3	9.9	8.0						
36.0	39.8	44.0	8.8	6.9						
38.0	32.6	41.2	7.6	6.0						
40.0	23.4	37.4	6.6	5.1						
Ángulo de pluma principal 45.0 [°]										
45.0	35.0	36.3	2.4							
46.0	31.1	34.7	2.1							

Cargas pluma principal + plumín abatible + midfall

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 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
26.0 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 [°]										
10.9	78.0	59.5	15.1	30.1						
11.0	77.8	59.5	15.1	30.1						
12.0	75.9	59.2	15.1	30.1						
13.0	73.9	58.9	15.1	30.1						
14.0	72.0	58.6	15.1	27.2						
16.0	68.0	57.8	15.1	22.9						
18.0	63.9	56.9	15.1	18.7						
20.0	59.7	55.8	14.6	15.9						
22.0	55.3	54.5	13.4	13.6						
24.0	50.6	52.9	12.6	12.0						
26.0	45.5	51.1	10.9	10.5						
28.0	39.9	48.8	9.3	9.2						
30.0	33.5	46.1	8.1	8.2						
32.0	25.7	42.5	7.2	7.3						
Ángulo de pluma principal 83.0 [°]										
15.8	73.0	58.5		28.8						
16.0	72.6	58.5	15.1	28.8						
18.0	68.7	57.7	15.1	23.6						
20.0	64.6	56.8	15.1	19.3						
22.0	60.4	55.7	14.8	16.3						
24.0	56.0	54.4	13.7	14.0						
26.0	51.3	52.9	13.0	12.2						
28.0	46.3	51.1	11.2	10.7						
30.0	40.8	49.0	9.6	9.4						
32.0	34.6	46.3	8.3	8.4						
34.0	27.1	42.9	7.4	7.5						
Ángulo de pluma principal 75.0 [°]										
23.4	65.0	56.0		18.0						
24.0	63.8	55.8	15.1	17.3						
26.0	59.6	54.7	15.1	15.2						
28.0	55.2	53.3	13.9	13.3						
30.0	50.4	51.8	12.6	11.8						
32.0	45.3	49.9	10.9	10.4						
34.0	39.7	47.7	9.4	9.1						
36.0	33.3	44.9	8.3	8.0						
38.0	25.5	41.3	7.4	7.0						
Ángulo de pluma principal 65.0 [°]										
32.4	55.0	51.5		8.9						
34.0	51.2	50.3	9.6	8.0						
36.0	46.2	48.5	8.5	7.0						
38.0	40.7	46.3	7.4	6.1						
40.0	34.4	43.7	6.5	5.2						
42.0	26.9	40.2	5.6	4.4						
44.0	16.1	35.2	4.8	3.7						

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 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]
26.0 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 [°]										
9.0	78.0	50.7	15.1	30.1						
10.0	75.3	50.4	15.1	30.1						
11.0	72.6	50.1	15.1	29.5						
12.0	69.8	49.8	15.1	28.3						
13.0	67.0	49.3	15.1	25.0						
14.0	64.1	48.8	15.1	21.6						
16.0	58.0	47.7	15.0	17.0						
18.0	51.5	46.2	14.8	13.8						
20.0	44.3	44.3	12.4	11.4						
22.0	35.9	41.9	9.8	9.4						
24.0	25.0	38.4	8.1	7.9						
Ángulo de pluma principal 83.0 [°]										
13.2	73.0	49.9	15.1	30.1						
14.0	70.7	49.6	15.1	29.9						
16.0	65.0	48.7	15.1	22.7						
18.0	59.0	47.6	15.1	17.7						
20.0	52.6	46.2	15.1	14.2						
22.0	45.5	44.4	12.9	11.8						
24.0	37.3	42.0	10.3	9.8						
26.0	27.0	38.8	8.5	8.2						
Ángulo de pluma principal 75.0 [°]										
19.6	65.0	47.9		18.8						
20.0	63.9	47.7	15.1	18.1						
22.0	57.9	46.5	15.1	14.9						
24.0	51.4	45.1	14.8	12.4						
26.0	44.1	43.2	12.5	10.3						
28.0	35.7	40.7	10.1	8.5						
30.0	24.6	37.2	8.3	6.9						
Ángulo de pluma principal 65.0 [°]										
27.2	55.0	44.1		9.0						
28.0	52.4	43.6	11.5	8.3						
30.0	45.3	41.8	9.6	6.8						
32.0	37.1	39.4	7.9	5.5						
34.0	26.7	36.1	6.4	4.3						
35.0	19.5	33.8	5.8	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]: 54.0
 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]
26.0 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 [°]										
9.6	78.0	53.6		30.1						
10.0	77.1	53.5	15.1	30.1						
11.0	74.7	53.3	15.1	30.1						
12.0	72.3	53.0	15.1	28.1						
13.0	69.9	52.6	15.1	25.3						
14.0	67.4	52.2	15.1	22.5						
16.0	62.3	51.2	15.1	17.6						
18.0	56.9	49.9	13.8	14.3						
20.0	51.1	48.4	12.5	11.8						
22.0	44.8	46.6	10.5	9.9						
24.0	37.6	44.2	8.5	8.3						
26.0	28.9	41.1	7.1	7.1						
Ángulo de pluma principal 83.0 [°]										
14.0	73.0	52.8		28.9						
16.0	68.2	52.0	15.1	23.4						
18.0	63.1	51.1	15.1	18.2						
20.0	57.8	49.9	13.6	14.8						
22.0	52.1	48.4	11.8	12.3						
24.0	45.8	46.6	9.9	10.3						
26.0	38.8	44.4	8.2	8.7						
28.0	30.4	41.4	6.9	7.4						
Ángulo de pluma principal 75.0 [°]										
20.9	65.0	50.6		17.0						
22.0	62.2	50.1	15.1	15.4						
24.0	56.8	48.8	14.6	12.8						
26.0	51.0	47.3	12.7	10.8						
28.0	44.6	45.4	10.6	9.1						
30.0	37.4	43.1	8.7	7.6						
32.0	28.6	39.9	7.4	6.2						
Ángulo de pluma principal 65.0 [°]										
28.9	55.0	46.5		7.8						
30.0	51.9	45.8	9.5	7.0						
32.0	45.7	44.0	7.9	5.7						
34.0	38.6	41.7	6.5	4.6						
36.0	30.2	38.7	5.2	3.6						
38.0	18.2	34.3	4.0	2.7						

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 Valor de vuelco: 2 - Vía ancha
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 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]
26.0 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 [°]										
10.2	78.0	56.6		30.1						
11.0	76.4	56.4	15.1	30.1						
12.0	74.3	56.1	15.1	28.3						
13.0	72.1	55.8	15.1	24.8						
14.0	70.0	55.4	15.1	21.6						
16.0	65.5	54.5	14.9	17.0						
18.0	60.9	53.5	14.5	13.9						
20.0	56.0	52.2	11.6	11.4						
22.0	50.8	50.7	9.4	9.6						
24.0	45.2	48.8	7.9	8.1						
26.0	38.9	46.5	6.6	6.8						
28.0	31.5	43.6	5.6	5.8						
30.0	21.9	39.6	4.6	4.8						
Ángulo de pluma principal 83.0 [°]										
14.9	73.0	55.6		24.6						
16.0	70.7	55.3	15.1	22.8						
18.0	66.2	54.4	15.1	17.7						
20.0	61.6	53.4	15.1	14.4						
22.0	56.8	52.2	12.5	11.8						
24.0	51.7	50.7	10.3	9.9						
26.0	46.1	48.9	8.6	8.4						
28.0	39.9	46.7	7.1	7.1						
30.0	32.8	43.9	6.0	6.0						
32.0	23.7	40.1	5.0	5.1						
Ángulo de pluma principal 75.0 [°]										
22.2	65.0	53.3		15.5						
24.0	60.8	52.4	14.6	13.2						
26.0	55.9	51.1	12.5	11.1						
28.0	50.7	49.5	10.1	9.4						
30.0	45.0	47.7	8.4	7.9						
32.0	38.7	45.4	7.0	6.7						
34.0	31.3	42.5	6.0	5.6						
36.0	21.6	38.4	5.0	4.5						
Ángulo de pluma principal 65.0 [°]										
30.7	55.0	49.0		6.7						
32.0	51.5	48.1	7.9	5.9						
34.0	46.0	46.3	6.5	4.8						
36.0	39.8	44.0	5.3	3.8						
38.0	32.6	41.2	4.2	3.0						
40.0	23.4	37.4	3.2	2.2						
41.0	18.9	34.8	2.7							

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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]
26.0 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 [°]										
10.9	78.0	59.5	15.1	30.1						
11.0	77.8	59.5	15.1	30.1						
12.0	75.9	59.2	15.1	30.1						
13.0	73.9	58.9	15.1	30.1						
14.0	72.0	58.6	15.1	27.1						
16.0	68.0	57.8	15.1	22.1						
18.0	63.9	56.9	15.1	18.1						
20.0	59.7	55.8	14.6	15.3						
22.0	55.3	54.5	13.0	13.1						
24.0	50.6	52.9	11.8	11.4						
26.0	45.5	51.1	10.2	9.9						
28.0	39.9	48.8	8.7	8.7						
30.0	33.5	46.1	7.5	7.6						
32.0	25.7	42.5	6.1	6.2						
Ángulo de pluma principal 83.0 [°]										
15.8	73.0	58.5		27.2						
16.0	72.6	58.5	15.1	27.2						
18.0	68.7	57.7	15.1	22.7						
20.0	64.6	56.8	15.1	18.6						
22.0	60.4	55.7	14.9	15.8						
24.0	56.0	54.4	13.3	13.4						
26.0	51.3	52.9	12.2	11.7						
28.0	46.3	51.1	10.6	10.2						
30.0	40.8	49.0	9.0	8.8						
32.0	34.6	46.3	7.8	7.5						
34.0	27.1	42.9	6.8	6.4						
Ángulo de pluma principal 75.0 [°]										
23.4	65.0	56.0		13.9						
24.0	63.8	55.8	15.1	13.3						
26.0	59.6	54.7	14.9	11.3						
28.0	55.2	53.3	12.8	9.5						
30.0	50.4	51.8	11.0	8.1						
32.0	45.3	49.9	9.4	6.8						
34.0	39.7	47.7	8.0	5.7						
36.0	33.3	44.9	6.7	4.7						
38.0	25.5	41.3	5.5	3.9						
Ángulo de pluma principal 65.0 [°]										
32.4	55.0	51.5		5.7						
34.0	51.2	50.3	6.3	4.8						
36.0	46.2	48.5	5.1	3.8						
38.0	40.7	46.3	4.1	3.0						
40.0	34.4	43.7	3.1	2.2						
42.0	27.8	40.2	2.2							

Cargas pluma principal + plumín abatible + midfall

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 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
26.0 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 [°]										
11.5	78.0	62.4	15.1	30.1						
12.0	77.1	62.3	15.1	30.1						
13.0	75.4	62.1	15.1	28.7						
14.0	73.6	61.8	15.1	26.5						
16.0	70.1	61.1	15.1	20.9						
18.0	66.4	60.2	15.1	17.3						
20.0	62.7	59.2	15.1	14.5						
22.0	58.7	58.1	13.4	12.5						
24.0	54.7	56.7	11.2	10.7						
26.0	50.3	55.1	9.5	9.4						
28.0	45.7	53.3	8.2	8.2						
30.0	40.7	51.1	7.1	7.1						
32.0	35.1	48.5	6.2	6.3						
34.0	28.4	45.2	5.2	5.3						
36.0	19.7	40.7	4.2	4.3						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	61.4	15.1	23.6						
18.0	70.6	60.9	15.1	21.9						
20.0	67.0	60.1	15.1	17.8						
22.0	63.3	59.1	14.6	14.9						
24.0	59.4	58.0	13.2	12.8						
26.0	55.3	56.7	11.1	11.0						
28.0	51.0	55.2	9.5	9.6						
30.0	46.5	53.4	8.2	8.4						
32.0	41.5	51.2	7.1	7.4						
34.0	36.0	48.7	6.2	6.5						
36.0	29.6	45.5	5.5	5.7						
38.0	21.3	41.3	4.8	4.8						
Ángulo de pluma principal 75.0 [°]										
24.7	65.0	58.7		12.7						
26.0	62.6	58.1	14.8	11.4						
28.0	58.6	57.0	12.8	9.7						
30.0	54.6	55.6	11.0	8.3						
32.0	50.2	54.0	9.4	7.0						
34.0	45.6	52.2	8.0	5.9						
36.0	40.6	50.0	6.8	4.9						
38.0	34.9	47.3	5.6	4.1						
40.0	28.2	44.0	4.6	3.3						
Ángulo de pluma principal 65.0 [°]										
34.1	55.0	53.9		4.9						
36.0	50.9	52.5	5.2	4.0						
38.0	46.4	50.7	4.1	3.1						
40.0	41.4	48.6	3.2	2.4						
42.0	36.4	46.1	2.3							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
26.0 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 [°]										
12.1	78.0	65.4		28.9						
13.0	76.6	65.2	15.1	28.1						
14.0	75.0	64.9	15.1	24.7						
16.0	71.8	64.3	15.1	19.7						
18.0	68.4	63.5	14.9	16.3						
20.0	65.0	62.6	13.0	13.6						
22.0	61.6	61.6	11.8	11.7						
24.0	57.9	60.4	10.0	10.0						
26.0	54.2	59.0	8.4	8.6						
28.0	50.2	57.4	7.2	7.5						
30.0	45.9	55.5	6.2	6.5						
32.0	41.4	53.4	5.4	5.6						
34.0	36.3	50.9	4.7	4.9						
36.0	30.5	47.8	4.0	4.1						
38.0	23.4	43.8	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	64.2	15.1	20.0						
18.0	72.3	64.1	15.1	20.0						
20.0	69.0	63.4	15.1	16.7						
22.0	65.6	62.5	14.0	14.0						
24.0	62.1	61.5	12.5	12.0						
26.0	58.5	60.3	10.7	10.3						
28.0	54.8	58.9	9.0	8.8						
30.0	50.8	57.4	7.6	7.7						
32.0	46.6	55.6	6.6	6.7						
34.0	42.1	53.5	5.7	5.8						
36.0	37.1	51.0	5.0	5.1						
38.0	31.5	48.1	4.3	4.5						
40.0	24.7	44.3	3.8	3.8						
Ángulo de pluma principal 75.0 [°]										
26.0	65.0	61.5		11.3						
28.0	61.5	60.4	12.4	9.6						
30.0	57.8	59.2	10.5	8.2						
32.0	54.1	57.8	8.8	7.0						
34.0	50.1	56.2	7.5	5.9						
36.0	45.8	54.4	6.6	4.9						
38.0	41.2	52.2	5.5	4.1						
40.0	36.2	49.7	4.5	3.3						
42.0	30.3	46.6	3.6	2.6						
44.0	24.1	42.6	2.7							
Ángulo de pluma principal 65.0 [°]										
35.8	55.0	56.4		3.9						
36.0	54.7	56.4	4.9	3.9						
38.0	50.7	54.8	3.9	3.0						
40.0	46.5	53.0	3.0	2.3						
42.0	42.4	50.9	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]: 54.0
 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]
26.0 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 [°]										
12.7	78.0	68.3		28.8						
13.0	77.6	68.3	15.1	28.8						
14.0	76.2	68.0	15.1	27.4						
16.0	73.2	67.4	15.1	22.0						
18.0	70.1	66.7	15.1	18.1						
20.0	67.0	65.9	14.2	15.4						
22.0	63.9	65.0	12.7	13.1						
24.0	60.6	63.9	11.6	11.5						
26.0	57.2	62.6	9.9	10.0						
28.0	53.7	61.2	8.5	8.7						
30.0	50.0	59.6	7.4	7.7						
32.0	46.1	57.8	6.4	6.7						
34.0	41.9	55.7	5.5	5.8						
36.0	37.3	53.2	4.8	5.0						
38.0	32.2	50.3	4.0	4.2						
40.0	26.1	46.7	3.0	3.1						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	67.1		20.1						
20.0	70.6	66.6	15.1	18.8						
22.0	67.5	65.8	15.1	15.9						
24.0	64.4	64.9	13.3	13.5						
26.0	61.1	63.8	11.9	11.8						
28.0	57.8	62.6	10.2	10.2						
30.0	54.3	61.2	8.7	9.0						
32.0	50.6	59.6	7.6	8.0						
34.0	46.7	57.8	6.7	6.9						
36.0	42.6	55.8	5.9	5.9						
38.0	38.1	53.4	5.2	5.0						
40.0	33.0	50.5	4.6	4.2						
42.0	27.1	47.0	3.7	3.5						
44.0	19.6	42.4	2.9	2.8						
Ángulo de pluma principal 75.0 [°]										
27.2	65.0	64.2		10.1						
28.0	63.8	63.8	12.2	9.5						
30.0	60.5	62.8	10.5	8.2						
32.0	57.1	61.5	9.0	7.0						
34.0	53.6	60.1	7.7	5.9						
36.0	49.9	58.5	6.5	5.0						
38.0	46.0	56.6	5.4	4.1						
40.0	41.8	54.5	4.4	3.3						
42.0	37.2	52.1	3.5	2.6						
44.0	32.6	49.1	2.7							
Ángulo de pluma principal 65.0 [°]										
37.5	55.0	58.8		3.1						
38.0	54.2	58.6	3.8	3.0						
40.0	50.5	57.0	2.8	2.2						
42.0	47.0	55.2	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
26.0 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 [°]										
13.4	78.0	71.2	15.1	28.5						
14.0	77.1	71.1	15.1	28.5						
16.0	74.4	70.6	15.1	23.6						
18.0	71.6	69.9	15.1	19.6						
20.0	68.7	69.2	15.1	16.8						
22.0	65.8	68.3	13.7	14.4						
24.0	62.9	67.3	12.7	12.6						
26.0	59.8	66.2	11.5	11.2						
28.0	56.6	64.9	9.9	9.8						
30.0	53.3	63.5	8.6	8.7						
32.0	49.9	61.9	7.6	7.8						
34.0	46.3	60.0	6.3	6.4						
36.0	42.4	57.9	5.1	5.2						
38.0	38.2	55.5	4.0	4.1						
40.0	33.5	52.7	3.1	3.2						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	70.0		20.0						
20.0	72.0	69.8	15.1	19.6						
22.0	69.2	69.0	15.1	16.6						
24.0	66.3	68.2	14.4	14.2						
26.0	63.3	67.2	13.0	12.2						
28.0	60.3	66.1	11.8	10.5						
30.0	57.1	64.9	10.2	9.1						
32.0	53.9	63.5	8.8	7.9						
34.0	50.5	61.9	7.8	6.8						
36.0	46.9	60.1	6.9	5.8						
38.0	43.0	58.0	6.1	5.0						
40.0	38.9	55.7	5.4	4.2						
42.0	34.3	52.9	4.6	3.4						
44.0	29.1	49.7	3.7	2.8						
46.0	22.8	45.5	2.6	2.2						
Ángulo de pluma principal 75.0 [°]										
28.5	65.0	66.9		8.9						
30.0	62.8	66.2	10.1	7.9						
32.0	59.7	65.1	8.7	6.8						
34.0	56.5	63.8	7.4	5.7						
36.0	53.3	62.3	6.2	4.8						
38.0	49.8	60.7	5.1	4.0						
40.0	46.2	58.9	4.2	3.2						
42.0	42.3	56.8	3.3	2.5						
44.0	38.5	54.4	2.5							
Ángulo de pluma principal 65.0 [°]										
39.3	55.0	61.3		2.3						
40.0	53.8	60.8	2.6	2.0						
41.0	52.3	60.1	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]: 54.0
 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]
26.0 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 [°]										
11.5	78.0	62.4	15.1	30.1						
12.0	77.1	62.3	15.1	30.1						
13.0	75.4	62.1	15.1	30.1						
14.0	73.6	61.8	15.1	28.2						
16.0	70.1	61.1	15.1	22.5						
18.0	66.4	60.2	15.1	18.2						
20.0	62.7	59.2	15.1	15.0						
22.0	58.7	58.1	13.5	12.4						
24.0	54.7	56.7	9.6	9.4						
26.0	50.3	55.1	6.6	6.7						
28.0	45.7	53.3	4.3	4.4						
Ángulo de pluma principal 83.0 [°]										
16.7	73.0	61.4	15.1	21.3						
18.0	70.6	60.9	15.1	18.3						
20.0	67.0	60.1	15.1	14.9						
22.0	63.3	59.1	15.1	12.2						
24.0	59.4	58.0	14.5	10.0						
26.0	55.3	56.7	11.9	8.3						
28.0	51.0	55.2	10.0	6.8						
30.0	46.5	53.4	7.5	5.5						
32.0	41.5	51.2	5.0	4.3						
34.0	36.0	48.7	2.8	2.8						
Ángulo de pluma principal 75.0 [°]										
24.7	65.0	58.7		8.8						
26.0	62.6	58.1	11.0	7.6						
28.0	58.6	57.0	9.0	6.1						
30.0	54.6	55.6	7.2	4.9						
32.0	50.2	54.0	5.5	3.8						
34.0	45.6	52.2	4.1	2.7						
36.0	41.0	50.0	2.8							
Ángulo de pluma principal 65.0 [°]										
34.2	55.0	53.9	2.6							
35.0	53.4	53.3	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]: 54.0
 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]
26.0 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 [°]										
12.1	78.0	65.4		28.9						
13.0	76.6	65.2	15.1	28.9						
14.0	75.0	64.9	15.1	26.7						
16.0	71.8	64.3	15.1	21.7						
18.0	68.4	63.5	15.1	18.0						
20.0	65.0	62.6	13.9	14.9						
22.0	61.6	61.6	12.9	12.6						
24.0	57.9	60.4	10.4	9.8						
26.0	54.2	59.0	7.3	7.1						
28.0	50.2	57.4	4.9	4.9						
30.0	45.9	55.5	3.3	3.4						
Ángulo de pluma principal 83.0 [°]										
17.6	73.0	64.2	15.1	19.4						
18.0	72.3	64.1	15.1	18.5						
20.0	69.0	63.4	15.1	15.0						
22.0	65.6	62.5	14.5	12.3						
24.0	62.1	61.5	12.8	10.1						
26.0	58.5	60.3	11.1	8.3						
28.0	54.8	58.9	9.2	6.9						
30.0	50.8	57.4	7.7	5.7						
32.0	46.6	55.6	5.7	4.5						
34.0	42.1	53.5	3.6	3.5						
Ángulo de pluma principal 75.0 [°]										
26.0	65.0	61.5		7.6						
28.0	61.5	60.4	8.6	6.1						
30.0	57.8	59.2	7.0	4.8						
32.0	54.1	57.8	5.5	3.8						
34.0	50.1	56.2	4.1	2.8						
36.0	46.2	54.4	2.8							
37.0	44.0	53.4	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]: 54.0
 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]
26.0 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 [°]										
12.7	78.0	68.3		27.0						
13.0	77.6	68.3	15.1	27.0						
14.0	76.2	68.0	15.1	26.4						
16.0	73.2	67.4	15.1	21.3						
18.0	70.1	66.7	15.1	17.5						
20.0	67.0	65.9	14.3	14.8						
22.0	63.9	65.0	12.6	12.6						
24.0	60.6	63.9	11.4	10.7						
26.0	57.2	62.6	8.2	7.9						
28.0	53.7	61.2	5.6	5.5						
30.0	50.0	59.6	3.5	3.6						
32.0	46.1	57.8	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	67.1		17.8						
20.0	70.6	66.6	15.1	15.1						
22.0	67.5	65.8	15.1	12.4						
24.0	64.4	64.9	13.0	10.2						
26.0	61.1	63.8	11.2	8.4						
28.0	57.8	62.6	9.5	6.9						
30.0	54.3	61.2	8.0	5.7						
32.0	50.6	59.6	6.8	4.6						
34.0	46.7	57.8	4.9	3.6						
36.0	42.6	55.8	3.0	2.7						
Ángulo de pluma principal 75.0 [°]										
27.2	65.0	64.2		6.6						
28.0	63.8	63.8	8.4	6.0						
30.0	60.5	62.8	6.7	4.8						
32.0	57.1	61.5	5.3	3.7						
34.0	53.6	60.1	4.1	2.8						
36.0	50.2	58.5	2.8							
37.0	48.3	57.6	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]: 54.0
 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]
26.0 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 [°]										
13.4	78.0	71.2	15.1	27.8						
14.0	77.1	71.1	15.1	27.8						
16.0	74.4	70.6	15.1	23.2						
18.0	71.6	69.9	15.1	18.8						
20.0	68.7	69.2	15.1	15.5						
22.0	65.8	68.3	12.9	12.8						
24.0	62.9	67.3	10.7	10.7						
26.0	59.8	66.2	8.7	8.9						
28.0	56.6	64.9	6.1	6.2						
30.0	53.3	63.5	3.9	4.0						
Ángulo de pluma principal 83.0 [°]										
19.3	73.0	70.0		16.1						
20.0	72.0	69.8	15.1	15.0						
22.0	69.2	69.0	15.1	12.3						
24.0	66.3	68.2	14.3	10.1						
26.0	63.3	67.2	11.8	8.3						
28.0	60.3	66.1	9.8	6.9						
30.0	57.1	64.9	8.1	5.6						
32.0	53.9	63.5	6.6	4.5						
34.0	50.5	61.9	5.3	3.6						
36.0	46.9	60.1	4.0	2.7						
38.0	43.4	58.0	2.7							
Ángulo de pluma principal 75.0 [°]										
28.5	65.0	66.9		5.5						
30.0	62.8	66.2	6.3	4.6						
32.0	59.7	65.1	4.9	3.5						
34.0	56.5	63.8	3.7	2.6						
36.0	53.5	62.3	2.7							
37.0	51.8	61.6	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]: 54.0
 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]
29.0 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 [°]										
7.2	78.0	44.9	15.1	30.1						
8.0	74.2	44.6	15.1	29.9						
9.0	69.5	44.3	15.1	21.8						
10.0	64.7	43.8	15.1	16.6						
11.0	59.6	43.2	14.1	13.4						
12.0	54.1	42.5	12.1	11.1						
13.0	48.3	41.7	10.5	9.5						
14.0	41.7	40.6	8.8	8.2						
Ángulo de pluma principal 83.0 [°]										
10.8	73.0	44.3		26.7						
11.0	72.3	44.2	15.1	26.3						
12.0	67.5	43.8	15.1	19.2						
13.0	62.5	43.3	15.1	15.0						
14.0	57.3	42.7	13.2	12.3						
16.0	45.6	41.0	9.7	8.9						
18.0	30.2	38.3	7.1	6.8						
Ángulo de pluma principal 75.0 [°]										
16.6	65.0	42.6	15.1	16.3						
18.0	57.6	41.8	12.1	12.3						
20.0	45.9	40.1	8.4	8.9						
22.0	30.6	37.4	6.4	6.9						
Ángulo de pluma principal 65.0 [°]										
23.3	55.0	39.4		11.1						
24.0	50.9	38.9	11.0	10.0						
26.0	37.5	36.8	7.8	7.5						
Ángulo de pluma principal 45.0 [°]										
34.6	35.0	29.9		6.9						
36.0	19.9	27.4	6.1	6.0						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
7.8	78.0	47.8	15.1	30.1						
8.0	77.3	47.8	15.1	30.1						
9.0	73.5	47.5	15.1	28.7						
10.0	69.7	47.1	15.1	22.7						
11.0	65.8	46.7	15.1	18.3						
12.0	61.7	46.1	15.1	15.3						
13.0	57.5	45.5	13.4	13.1						
14.0	53.0	44.8	12.1	11.4						
16.0	43.0	42.9	9.5	9.0						
18.0	30.3	40.1	7.5	7.4						
Ángulo de pluma principal 83.0 [°]										
11.7	73.0	47.1		26.8						
12.0	71.9	47.0	15.1	26.0						
13.0	68.1	46.6	15.1	20.5						
14.0	64.1	46.2	15.1	16.7						
16.0	55.6	44.9	12.8	12.2						
18.0	46.1	43.2	10.1	9.6						
20.0	34.4	40.8	7.8	7.8						
Ángulo de pluma principal 75.0 [°]										
17.8	65.0	45.3		16.8						
18.0	64.3	45.3	15.1	16.8						
20.0	55.8	44.0	13.5	12.2						
22.0	46.3	42.3	10.1	9.6						
24.0	34.7	39.9	7.8	7.8						
Ángulo de pluma principal 65.0 [°]										
25.0	55.0	41.9		11.7						
26.0	50.3	41.2	11.2	10.4						
28.0	39.8	39.1	8.5	8.3						
30.0	25.6	35.9	7.0	6.9						
Ángulo de pluma principal 45.0 [°]										
37.0	35.0	31.6		6.0						
38.0	27.9	30.3	6.9	5.5						
39.0	17.6	27.9	6.3	5.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
7.9	78.0	47.8	15.1	30.1						
8.0	77.5	47.8	15.1	30.1						
9.0	73.8	47.5	15.1	30.1						
10.0	69.9	47.1	15.1	30.1						
11.0	66.0	46.7	15.1	25.3						
12.0	62.0	46.2	15.1	21.7						
13.0	57.7	45.5	15.1	18.4						
14.0	53.3	44.8	15.1	15.8						
16.0	43.3	42.9	13.1	12.5						
18.0	30.6	40.2	10.8	10.3						
Ángulo de pluma principal 83.0 [°]										
11.8	73.0	47.1	15.1	30.1						
12.0	72.2	47.1	15.1	30.1						
13.0	68.3	46.7	15.1	29.5						
14.0	64.3	46.2	15.1	23.8						
16.0	55.9	45.0	15.1	17.1						
18.0	46.3	43.3	13.7	13.3						
20.0	34.7	40.8	11.4	10.7						
Ángulo de pluma principal 75.0 [°]										
17.9	65.0	45.3		23.8						
18.0	64.5	45.3	15.1	23.8						
20.0	56.1	44.1	15.1	17.1						
22.0	46.6	42.4	14.0	13.2						
24.0	35.0	40.0	11.3	10.6						
Ángulo de pluma principal 65.0 [°]										
25.0	55.0	41.9		14.0						
26.0	50.6	41.2	14.7	12.8						
28.0	40.1	39.1	11.7	10.7						
30.0	25.9	36.0	9.4	8.9						
Ángulo de pluma principal 45.0 [°]										
37.1	35.0	31.6		3.9						
38.0	28.2	30.3	4.5	3.4						
39.0	18.0	28.0	3.9	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]: 54.0
 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]
29.0 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 [°]										
8.4	78.0	50.7		30.1						
9.0	76.2	50.6	15.1	30.0						
10.0	73.1	50.3	15.1	27.2						
11.0	69.9	49.9	15.1	22.4						
12.0	66.6	49.5	15.1	18.9						
13.0	63.2	49.0	15.1	16.2						
14.0	59.7	48.4	14.4	14.3						
16.0	52.3	47.0	12.4	11.3						
18.0	43.9	45.1	10.0	9.3						
20.0	33.9	42.6	8.0	7.8						
Ángulo de pluma principal 83.0 [°]										
12.6	73.0	50.0		25.9						
13.0	71.7	49.9	15.1	25.0						
14.0	68.5	49.5	15.1	20.8						
16.0	61.7	48.5	15.1	15.4						
18.0	54.5	47.2	13.1	12.0						
20.0	46.4	45.5	10.8	9.9						
22.0	37.0	43.1	8.5	8.2						
24.0	24.4	39.7	7.1	6.9						
Ángulo de pluma principal 75.0 [°]										
19.1	65.0	48.0		16.9						
20.0	61.9	47.6	14.7	15.4						
22.0	54.7	46.3	11.8	12.1						
24.0	46.6	44.6	9.4	9.9						
26.0	37.2	42.3	7.7	8.2						
28.0	24.8	38.9	6.6	7.0						
Ángulo de pluma principal 65.0 [°]										
26.7	55.0	44.4		12.0						
28.0	50.0	43.4	11.9	10.7						
30.0	41.3	41.4	9.4	8.9						
32.0	30.4	38.5	7.8	7.5						
Ángulo de pluma principal 45.0 [°]										
39.5	35.0	33.3		5.3						
40.0	32.1	32.8	6.3	5.1						
42.0	15.9	28.4	5.4	4.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
8.5	78.0	50.8	15.1	30.1						
9.0	76.4	50.6	15.1	30.1						
10.0	73.2	50.3	15.1	30.1						
11.0	70.0	50.0	15.1	30.1						
12.0	66.8	49.5	15.1	26.0						
13.0	63.4	49.0	15.1	22.2						
14.0	59.9	48.5	15.1	19.4						
16.0	52.5	47.0	15.1	15.1						
18.0	44.1	45.2	13.0	12.2						
20.0	34.1	42.6	10.7	9.9						
Ángulo de pluma principal 83.0 [°]										
12.7	73.0	50.0	15.1	30.1						
13.0	71.9	49.9	15.1	30.1						
14.0	68.7	49.5	15.1	28.6						
16.0	61.9	48.5	15.1	21.1						
18.0	54.7	47.2	14.7	16.1						
20.0	46.6	45.5	12.8	13.0						
22.0	37.2	43.2	10.2	10.6						
24.0	24.7	39.8	8.4	8.8						
Ángulo de pluma principal 75.0 [°]										
19.1	65.0	48.0		23.3						
20.0	62.1	47.6	15.1	21.2						
22.0	54.8	46.3	15.1	16.2						
24.0	46.8	44.6	14.1	13.1						
26.0	37.5	42.3	11.6	10.8						
28.0	25.0	39.0	9.5	9.0						
Ángulo de pluma principal 65.0 [°]										
26.8	55.0	44.3		12.5						
28.0	50.2	43.5	14.2	11.2						
30.0	41.5	41.4	12.3	9.5						
32.0	30.7	38.6	9.9	8.0						
Ángulo de pluma principal 45.0 [°]										
39.5	35.0	33.3		3.0						
40.0	32.3	32.9	3.6	2.8						
42.0	16.3	28.5	2.7	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]: 54.0
 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]
29.0 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 [°]										
9.1	78.0	53.7	15.1	30.1						
10.0	75.4	53.4	15.1	27.6						
11.0	72.7	53.1	15.1	23.1						
12.0	70.0	52.8	15.1	19.5						
13.0	67.1	52.3	15.1	16.9						
14.0	64.2	51.9	15.1	14.8						
16.0	58.2	50.7	13.1	11.8						
18.0	51.7	49.2	10.4	9.7						
20.0	44.5	47.4	8.5	8.2						
22.0	36.2	45.0	7.0	6.9						
24.0	25.5	41.6	6.0	6.0						
Ángulo de pluma principal 83.0 [°]										
13.5	73.0	52.9	15.1	22.4						
14.0	71.6	52.7	15.1	21.5						
16.0	65.9	51.9	15.1	15.9						
18.0	60.0	50.8	14.1	12.6						
20.0	53.6	49.4	11.1	10.3						
22.0	46.7	47.7	9.1	8.6						
24.0	38.8	45.5	7.5	7.3						
26.0	29.0	42.4	6.4	6.3						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	50.8	15.1	14.8						
22.0	60.1	49.9	14.1	12.6						
24.0	53.8	48.5	11.2	10.3						
26.0	46.8	46.8	9.1	8.6						
28.0	38.9	44.6	7.5	7.3						
30.0	29.2	41.6	6.4	6.3						
Ángulo de pluma principal 65.0 [°]										
28.4	55.0	46.8		10.5						
30.0	49.8	45.6	9.8	9.2						
32.0	42.3	43.7	8.1	7.8						
34.0	33.5	41.0	6.8	6.7						
Ángulo de pluma principal 45.0 [°]										
42.0	35.0	35.0		4.5						
44.0	23.4	31.6	4.8	3.9						
45.0	17.2	28.8	4.4							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
9.1	78.0	53.7		30.1						
10.0	75.6	53.5	15.1	30.1						
11.0	72.9	53.2	15.1	28.9						
12.0	70.1	52.8	15.1	26.9						
13.0	67.3	52.4	15.1	23.5						
14.0	64.4	51.9	15.1	20.3						
16.0	58.4	50.7	14.7	16.0						
18.0	51.9	49.3	14.1	13.0						
20.0	44.7	47.4	11.7	10.8						
22.0	36.4	45.0	9.3	9.0						
24.0	25.7	41.6	7.8	7.6						
Ángulo de pluma principal 83.0 [°]										
13.5	73.0	52.9		30.1						
14.0	71.7	52.7	15.1	29.8						
16.0	66.1	51.9	15.1	22.1						
18.0	60.1	50.8	15.0	17.1						
20.0	53.8	49.5	14.5	13.7						
22.0	46.9	47.7	12.5	11.4						
24.0	38.9	45.5	10.0	9.5						
26.0	29.2	42.5	8.3	8.1						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	50.8		20.3						
22.0	60.3	49.9	15.1	17.2						
24.0	54.0	48.6	14.3	13.8						
26.0	47.0	46.9	12.7	11.5						
28.0	39.1	44.6	10.2	9.6						
30.0	29.4	41.6	8.5	8.2						
Ángulo de pluma principal 65.0 [°]										
28.5	55.0	46.8		11.3						
30.0	49.9	45.7	12.5	10.1						
32.0	42.5	43.7	10.5	8.6						
34.0	33.7	41.1	8.6	7.4						
Ángulo de pluma principal 45.0 [°]										
42.0	35.0	35.0		2.4						
44.0	25.2	31.7	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]: 54.0
 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]
29.0 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 [°]										
9.7	78.0	56.6	15.1	28.6						
10.0	77.2	56.5	15.1	28.6						
11.0	74.9	56.3	15.1	23.6						
12.0	72.5	56.0	15.1	20.1						
13.0	70.0	55.6	15.1	17.4						
14.0	67.5	55.2	14.6	15.3						
16.0	62.4	54.2	13.5	12.3						
18.0	57.0	53.0	10.9	10.1						
20.0	51.3	51.5	8.8	8.5						
22.0	45.0	49.6	7.4	7.3						
24.0	37.8	47.3	6.3	6.2						
26.0	29.2	44.2	5.4	5.4						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	55.7	15.1	19.8						
16.0	69.0	55.1	15.1	16.4						
18.0	63.9	54.2	13.9	13.0						
20.0	58.6	53.1	11.7	10.7						
22.0	53.0	51.7	9.3	8.9						
24.0	46.9	49.9	7.8	7.6						
26.0	40.0	47.8	6.6	6.5						
28.0	31.9	44.9	5.7	5.7						
Ángulo de pluma principal 75.0 [°]										
21.6	65.0	53.5		13.2						
22.0	64.0	53.3	14.9	13.2						
24.0	58.8	52.2	11.8	10.8						
26.0	53.1	50.8	9.4	9.0						
28.0	47.0	49.1	7.8	7.7						
30.0	40.2	46.9	6.6	6.6						
32.0	32.1	44.1	5.8	5.8						
34.0	21.3	40.1	5.0	5.0						
Ángulo de pluma principal 65.0 [°]										
30.2	55.0	49.3		9.3						
32.0	49.6	47.9	8.4	8.1						
34.0	43.1	45.9	7.1	7.0						
36.0	35.6	43.4	6.1	6.1						
38.0	26.2	40.0	5.3	5.4						
Ángulo de pluma principal 45.0 [°]										
44.4	35.0	36.8		3.9						
46.0	27.7	34.4	4.2	3.5						
48.0	16.1	29.2	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]: 54.0
 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]
29.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.7	78.0	56.6		30.1						
10.0	77.4	56.6	15.1	30.1						
11.0	75.0	56.3	15.1	30.1						
12.0	72.6	56.0	15.1	27.4						
13.0	70.2	55.6	15.1	24.0						
14.0	67.7	55.2	15.1	21.2						
16.0	62.6	54.2	15.1	16.6						
18.0	57.2	53.0	12.9	13.5						
20.0	51.4	51.5	10.8	11.3						
22.0	45.1	49.7	9.0	9.5						
24.0	38.0	47.4	7.5	8.0						
26.0	29.4	44.3	6.4	6.9						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	55.7		27.5						
16.0	69.1	55.2	15.1	22.7						
18.0	64.1	54.3	15.1	17.6						
20.0	58.8	53.1	14.1	14.3						
22.0	53.1	51.7	12.5	11.8						
24.0	47.0	50.0	10.6	10.0						
26.0	40.2	47.8	8.6	8.4						
28.0	32.1	45.0	7.3	7.2						
30.0	21.2	41.0	6.1	6.1						
Ángulo de pluma principal 75.0 [°]										
21.7	65.0	53.5		17.8						
22.0	64.2	53.4	15.1	17.7						
24.0	58.9	52.2	15.1	14.5						
26.0	53.3	50.8	12.7	11.8						
28.0	47.2	49.1	10.7	10.0						
30.0	40.3	46.9	8.8	8.5						
32.0	32.3	44.2	7.4	7.4						
34.0	21.5	40.2	6.3	6.2						
Ángulo de pluma principal 65.0 [°]										
30.2	55.0	49.3		9.9						
32.0	49.7	47.9	10.7	8.7						
34.0	43.2	46.0	9.0	7.6						
36.0	35.8	43.5	7.5	6.5						
38.0	26.4	40.1	6.5	5.5						
39.0	20.2	37.8	6.0	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]: 54.0
 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]
29.0 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 [°]										
10.3	78.0	59.5	15.1	30.1						
11.0	76.5	59.4	15.1	30.1						
12.0	74.4	59.1	15.1	30.1						
13.0	72.3	58.8	15.1	27.4						
14.0	70.1	58.4	15.1	24.9						
16.0	65.6	57.6	15.1	20.3						
18.0	61.0	56.5	15.0	17.1						
20.0	56.1	55.2	14.3	14.7						
22.0	51.0	53.7	13.7	12.9						
24.0	45.3	51.9	12.1	11.5						
26.0	39.1	49.6	10.5	10.3						
28.0	31.8	46.8	9.4	9.3						
30.0	22.3	42.8	8.4	8.5						
Ángulo de pluma principal 83.0 [°]										
15.2	73.0	58.6		28.0						
16.0	71.3	58.4	15.1	26.8						
18.0	66.9	57.5	15.1	21.6						
20.0	62.3	56.6	15.1	17.9						
22.0	57.6	55.4	14.6	15.3						
24.0	52.5	53.9	14.1	13.4						
26.0	47.0	52.2	12.6	11.9						
28.0	41.0	50.0	11.0	10.6						
30.0	34.0	47.4	9.7	9.6						
32.0	25.4	43.8	8.8	8.8						
Ángulo de pluma principal 75.0 [°]										
22.9	65.0	56.2		19.1						
24.0	62.5	55.7	15.1	18.0						
26.0	57.7	54.5	14.9	15.4						
28.0	52.6	53.0	13.9	13.4						
30.0	47.1	51.3	12.7	12.0						
32.0	41.1	49.2	11.0	10.7						
34.0	34.2	46.5	9.8	9.7						
36.0	25.6	43.0	8.9	8.9						
Ángulo de pluma principal 65.0 [°]										
31.9	55.0	51.7		11.3						
32.0	54.7	51.7	13.3	11.3						
34.0	49.4	50.1	12.0	10.0						
36.0	43.6	48.2	10.8	8.9						
38.0	37.2	45.8	9.7	8.0						
40.0	29.4	42.7	8.7	7.1						
Ángulo de pluma principal 45.0 [°]										
46.9	35.0	38.5		3.3						
48.0	30.6	37.0	3.6	3.0						
50.0	20.6	32.8	3.0	2.5						
51.0	15.1	29.6	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]: 54.0
 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]
29.0 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 [°]										
8.4	78.0	50.7		30.1						
9.0	76.2	50.6	15.1	30.1						
10.0	73.1	50.3	15.1	29.7						
11.0	69.9	49.9	15.1	27.3						
12.0	66.6	49.5	15.1	23.7						
13.0	63.2	49.0	15.1	20.2						
14.0	59.7	48.4	15.1	17.7						
16.0	52.3	47.0	14.9	13.9						
18.0	43.9	45.1	12.6	11.4						
20.0	33.9	42.6	9.9	9.4						
Ángulo de pluma principal 83.0 [°]										
12.6	73.0	50.0		30.1						
13.0	71.7	49.9	15.1	30.0						
14.0	68.5	49.5	15.1	26.0						
16.0	61.7	48.5	15.1	19.2						
18.0	54.5	47.2	15.1	14.9						
20.0	46.4	45.5	13.4	12.1						
22.0	37.0	43.1	10.6	9.9						
24.0	24.4	39.7	8.7	8.4						
Ángulo de pluma principal 75.0 [°]										
19.1	65.0	48.0		20.8						
20.0	61.9	47.6	15.1	19.3						
22.0	54.7	46.3	15.0	14.9						
24.0	46.6	44.6	13.6	12.1						
26.0	37.2	42.3	10.7	10.0						
28.0	24.8	38.9	8.9	8.5						
Ángulo de pluma principal 65.0 [°]										
26.7	55.0	44.4		11.7						
28.0	50.0	43.4	14.6	10.5						
30.0	41.3	41.4	11.9	8.8						
32.0	30.4	38.5	9.7	7.4						
Ángulo de pluma principal 45.0 [°]										
39.5	35.0	33.3		3.2						
40.0	32.1	32.8	4.1	3.0						
42.0	15.9	28.4	3.2	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]: 54.0
 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]
29.0 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 [°]										
10.4	78.0	59.6	15.1	30.1						
11.0	76.6	59.4	15.1	30.1						
12.0	74.5	59.1	15.1	30.1						
13.0	72.4	58.8	15.1	29.6						
14.0	70.2	58.5	15.1	29.1						
16.0	65.7	57.6	15.1	24.0						
18.0	61.1	56.5	15.1	20.0						
20.0	56.3	55.3	15.1	16.9						
22.0	51.1	53.8	15.1	14.6						
24.0	45.5	51.9	13.4	12.7						
26.0	39.2	49.7	11.6	11.2						
28.0	31.9	46.8	10.2	10.0						
30.0	22.5	42.9	8.9	8.9						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	58.6	15.1	30.1						
16.0	71.5	58.4	15.1	30.1						
18.0	67.0	57.6	15.1	25.7						
20.0	62.5	56.6	15.1	21.0						
22.0	57.7	55.4	15.1	17.7						
24.0	52.6	53.9	15.1	15.2						
26.0	47.2	52.2	13.7	13.3						
28.0	41.1	50.1	12.0	11.6						
30.0	34.2	47.4	10.7	10.4						
32.0	25.6	43.9	9.4	9.2						
Ángulo de pluma principal 75.0 [°]										
22.9	65.0	56.2		18.2						
24.0	62.6	55.7	15.1	16.9						
26.0	57.8	54.5	15.1	14.8						
28.0	52.7	53.1	15.1	12.9						
30.0	47.3	51.3	14.2	11.4						
32.0	41.3	49.2	12.3	10.1						
34.0	34.4	46.6	10.8	8.8						
36.0	25.8	43.1	9.5	7.7						
Ángulo de pluma principal 65.0 [°]										
31.9	55.0	51.7		8.8						
32.0	54.8	51.7		8.8						
34.0	49.6	50.2	9.2	7.6						
36.0	43.8	48.2	8.1	6.6						
38.0	37.3	45.8	7.1	5.7						
40.0	29.6	42.7	6.2	4.9						
42.0	19.0	38.3	5.3	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]: 54.0
 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]
29.0 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 [°]										
9.1	78.0	53.7	15.1	30.1						
10.0	75.4	53.4	15.1	29.5						
11.0	72.7	53.1	15.1	26.5						
12.0	70.0	52.8	15.1	22.3						
13.0	67.1	52.3	15.0	19.3						
14.0	64.2	51.9	14.9	16.8						
16.0	58.2	50.7	13.0	13.3						
18.0	51.7	49.2	10.2	10.7						
20.0	44.5	47.4	8.3	8.8						
22.0	36.2	45.0	6.9	7.3						
24.0	25.5	41.6	5.8	6.2						
Ángulo de pluma principal 83.0 [°]										
13.5	73.0	52.9	15.1	24.9						
14.0	71.6	52.7	15.1	24.6						
16.0	65.9	51.9	15.1	18.1						
18.0	60.0	50.8	14.6	14.2						
20.0	53.6	49.4	12.0	11.3						
22.0	46.7	47.7	10.0	9.4						
24.0	38.8	45.5	8.0	7.8						
26.0	29.0	42.4	6.7	6.6						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	50.8	15.1	16.4						
22.0	60.1	49.9	15.1	14.1						
24.0	53.8	48.5	12.6	11.3						
26.0	46.8	46.8	10.1	9.4						
28.0	38.9	44.6	8.1	7.8						
30.0	29.2	41.6	6.8	6.7						
Ángulo de pluma principal 65.0 [°]										
28.4	55.0	46.8		10.6						
30.0	49.8	45.6	11.0	9.3						
32.0	42.3	43.7	8.9	7.9						
34.0	33.5	41.0	7.3	6.7						
Ángulo de pluma principal 45.0 [°]										
42.0	35.0	35.0		2.5						
44.0	24.9	31.6	2.6							
45.0	17.2	28.8	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]: 54.0
 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]
29.0 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 [°]										
11.0	78.0	62.5	15.1	30.1						
12.0	76.1	62.2	15.1	30.1						
13.0	74.1	62.0	15.1	30.1						
14.0	72.2	61.6	15.1	27.5						
16.0	68.2	60.9	15.1	23.1						
18.0	64.2	60.0	15.1	18.9						
20.0	59.9	58.9	14.7	16.1						
22.0	55.5	57.5	13.5	13.8						
24.0	50.8	56.0	12.7	12.1						
26.0	45.8	54.2	11.0	10.6						
28.0	40.2	52.0	9.4	9.3						
30.0	33.9	49.3	8.2	8.3						
32.0	26.2	45.7	7.3	7.4						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	61.5	15.1	28.7						
18.0	69.4	60.8	15.1	24.5						
20.0	65.4	60.0	15.1	20.0						
22.0	61.2	58.9	15.1	16.9						
24.0	56.8	57.7	14.0	14.4						
26.0	52.2	56.2	13.1	12.5						
28.0	47.3	54.4	11.5	11.0						
30.0	41.9	52.4	9.9	9.7						
32.0	35.8	49.8	8.6	8.6						
34.0	28.6	46.6	7.7	7.8						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	58.9		16.5						
26.0	61.3	58.0	15.1	14.7						
28.0	56.9	56.8	14.5	12.9						
30.0	52.3	55.3	13.1	11.4						
32.0	47.4	53.6	11.7	10.0						
34.0	42.0	51.5	10.0	8.9						
36.0	35.9	49.0	8.7	7.8						
38.0	28.8	45.8	7.8	6.9						
Ángulo de pluma principal 65.0 [°]										
33.7	55.0	54.2		7.7						
34.0	54.2	54.0	8.9	7.5						
36.0	49.4	52.4	7.8	6.5						
38.0	44.2	50.5	6.8	5.6						
40.0	38.5	48.1	5.9	4.8						
42.0	31.9	45.2	5.1	4.1						
44.0	23.5	41.4	4.3	3.5						
45.0	18.0	38.8	4.0	3.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
9.1	78.0	53.7		30.1						
10.0	75.6	53.5	15.1	30.1						
11.0	72.9	53.2	15.1	29.7						
12.0	70.1	52.8	15.1	28.4						
13.0	67.3	52.4	15.1	25.5						
14.0	64.4	51.9	15.1	22.0						
16.0	58.4	50.7	15.0	17.3						
18.0	51.9	49.3	14.8	14.0						
20.0	44.7	47.4	12.6	11.6						
22.0	36.4	45.0	10.0	9.6						
24.0	25.7	41.6	8.2	8.0						
Ángulo de pluma principal 83.0 [°]										
13.5	73.0	52.9		30.1						
14.0	71.7	52.7	15.1	30.1						
16.0	66.1	51.9	15.1	24.0						
18.0	60.1	50.8	15.1	18.6						
20.0	53.8	49.5	15.1	14.8						
22.0	46.9	47.7	13.5	12.3						
24.0	38.9	45.5	10.8	10.2						
26.0	29.2	42.5	8.9	8.6						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	50.8		17.2						
22.0	60.3	49.9	15.1	14.7						
24.0	54.0	48.6	14.9	12.2						
26.0	47.0	46.9	13.8	10.1						
28.0	39.1	44.6	11.0	8.4						
30.0	29.4	41.6	9.1	6.9						
Ángulo de pluma principal 65.0 [°]										
28.5	55.0	46.8		7.7						
30.0	49.9	45.7	9.0	6.5						
32.0	42.5	43.7	7.4	5.2						
34.0	33.7	41.1	5.9	4.1						
36.0	21.7	37.2	4.6	3.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
9.7	78.0	56.6	15.1	30.1						
10.0	77.2	56.5	15.1	30.1						
11.0	74.9	56.3	15.1	26.7						
12.0	72.5	56.0	15.1	22.8						
13.0	70.0	55.6	15.1	19.7						
14.0	67.5	55.2	15.0	17.5						
16.0	62.4	54.2	14.7	14.0						
18.0	57.0	53.0	12.5	11.6						
20.0	51.3	51.5	10.2	9.8						
22.0	45.0	49.6	8.6	8.4						
24.0	37.8	47.3	7.2	7.2						
26.0	29.2	44.2	6.2	6.2						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	55.7	15.1	22.0						
16.0	69.0	55.1	15.1	18.6						
18.0	63.9	54.2	14.8	14.8						
20.0	58.6	53.1	13.2	12.2						
22.0	53.0	51.7	10.8	10.3						
24.0	46.9	49.9	9.1	8.8						
26.0	40.0	47.8	7.6	7.5						
28.0	31.9	44.9	6.6	6.6						
Ángulo de pluma principal 75.0 [°]										
21.6	65.0	53.5		14.8						
22.0	64.0	53.3	15.1	14.8						
24.0	58.8	52.2	13.2	12.3						
26.0	53.1	50.8	10.8	10.3						
28.0	47.0	49.1	9.1	8.9						
30.0	40.2	46.9	7.7	7.6						
32.0	32.1	44.1	6.6	6.6						
34.0	21.3	40.1	5.8	5.8						
Ángulo de pluma principal 65.0 [°]										
30.2	55.0	49.3		9.7						
32.0	49.6	47.9	9.7	8.4						
34.0	43.1	45.9	8.2	7.2						
36.0	35.6	43.4	7.0	6.2						
38.0	26.2	40.0	6.2	5.3						
Ángulo de pluma principal 45.0 [°]										
44.4	35.0	36.8		2.0						
46.0	28.7	34.4	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]: 54.0
 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]
29.0 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 [°]										
9.7	78.0	56.6		30.1						
10.0	77.4	56.6	15.1	30.1						
11.0	75.0	56.3	15.1	30.1						
12.0	72.6	56.0	15.1	28.5						
13.0	70.2	55.6	15.1	25.6						
14.0	67.7	55.2	15.1	22.9						
16.0	62.6	54.2	15.1	17.8						
18.0	57.2	53.0	13.9	14.5						
20.0	51.4	51.5	12.6	12.0						
22.0	45.1	49.7	10.7	10.1						
24.0	38.0	47.4	8.7	8.5						
26.0	29.4	44.3	7.3	7.3						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	55.7		28.8						
16.0	69.1	55.2	15.1	24.6						
18.0	64.1	54.3	15.1	19.0						
20.0	58.8	53.1	14.1	15.4						
22.0	53.1	51.7	12.1	12.7						
24.0	47.0	50.0	10.3	10.7						
26.0	40.2	47.8	8.5	9.0						
28.0	32.1	45.0	7.2	7.7						
30.0	21.2	41.0	6.1	6.5						
Ángulo de pluma principal 75.0 [°]										
21.7	65.0	53.5		15.6						
22.0	64.2	53.4	15.1	15.1						
24.0	58.9	52.2	15.1	12.6						
26.0	53.3	50.8	13.4	10.5						
28.0	47.2	49.1	11.6	8.8						
30.0	40.3	46.9	9.5	7.3						
32.0	32.3	44.2	7.9	6.1						
34.0	21.5	40.2	6.7	5.0						
Ángulo de pluma principal 65.0 [°]										
30.2	55.0	49.3		6.5						
32.0	49.7	47.9	7.3	5.4						
34.0	43.2	46.0	5.9	4.3						
36.0	35.8	43.5	4.7	3.3						
38.0	26.4	40.1	3.5	2.5						
39.0	20.2	37.8	3.0	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]: 54.0
 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]
29.0 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 [°]										
10.3	78.0	59.5	15.1	28.7						
11.0	76.5	59.4	15.1	28.1						
12.0	74.4	59.1	15.1	23.9						
13.0	72.3	58.8	15.1	20.8						
14.0	70.1	58.4	15.1	18.3						
16.0	65.6	57.6	14.3	14.7						
18.0	61.0	56.5	13.4	12.2						
20.0	56.1	55.2	10.7	10.1						
22.0	51.0	53.7	8.6	8.5						
24.0	45.3	51.9	7.3	7.3						
26.0	39.1	49.6	6.2	6.2						
28.0	31.8	46.8	5.4	5.4						
30.0	22.3	42.8	4.7	4.7						
Ángulo de pluma principal 83.0 [°]										
15.2	73.0	58.6		20.3						
16.0	71.3	58.4	15.1	19.7						
18.0	66.9	57.5	14.8	15.7						
20.0	62.3	56.6	12.3	12.7						
22.0	57.6	55.4	10.1	10.6						
24.0	52.5	53.9	8.3	8.9						
26.0	47.0	52.2	7.1	7.6						
28.0	41.0	50.0	6.1	6.5						
30.0	34.0	47.4	5.3	5.7						
32.0	25.4	43.8	4.7	5.0						
Ángulo de pluma principal 75.0 [°]										
22.9	65.0	56.2		13.5						
24.0	62.5	55.7	14.2	12.8						
26.0	57.7	54.5	11.4	10.7						
28.0	52.6	53.0	9.2	9.0						
30.0	47.1	51.3	7.8	7.7						
32.0	41.1	49.2	6.6	6.6						
34.0	34.2	46.5	5.7	5.8						
36.0	25.6	43.0	5.0	5.1						
Ángulo de pluma principal 65.0 [°]										
31.9	55.0	51.7		8.7						
32.0	54.7	51.7	9.6	8.6						
34.0	49.4	50.1	8.4	7.5						
36.0	43.6	48.2	7.1	6.4						
38.0	37.2	45.8	6.1	5.5						
40.0	29.4	42.7	5.4	4.7						
42.0	18.8	38.2	4.7	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]: 54.0
 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]
29.0 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 [°]										
10.4	78.0	59.6	15.1	30.1						
11.0	76.6	59.4	15.1	30.1						
12.0	74.5	59.1	15.1	28.4						
13.0	72.4	58.8	15.1	25.2						
14.0	70.2	58.5	15.1	21.9						
16.0	65.7	57.6	14.5	17.3						
18.0	61.1	56.5	13.9	14.1						
20.0	56.3	55.3	11.2	11.6						
22.0	51.1	53.8	9.1	9.7						
24.0	45.5	51.9	7.7	8.2						
26.0	39.2	49.7	6.5	6.9						
28.0	31.9	46.8	5.5	5.9						
30.0	22.5	42.9	4.6	4.9						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	58.6	15.1	24.5						
16.0	71.5	58.4	15.1	23.9						
18.0	67.0	57.6	15.1	18.5						
20.0	62.5	56.6	15.1	14.9						
22.0	57.7	55.4	13.0	12.3						
24.0	52.6	53.9	10.7	10.3						
26.0	47.2	52.2	9.0	8.7						
28.0	41.1	50.1	7.4	7.4						
30.0	34.2	47.4	6.2	6.3						
32.0	25.6	43.9	5.3	5.3						
Ángulo de pluma principal 75.0 [°]										
22.9	65.0	56.2		14.1						
24.0	62.6	55.7	15.1	12.9						
26.0	57.8	54.5	13.7	10.8						
28.0	52.7	53.1	10.9	9.1						
30.0	47.3	51.3	9.1	7.7						
32.0	41.3	49.2	7.6	6.4						
34.0	34.4	46.6	6.4	5.3						
36.0	25.8	43.1	5.4	4.3						
Ángulo de pluma principal 65.0 [°]										
31.9	55.0	51.7		5.6						
32.0	54.8	51.7		5.5						
34.0	49.6	50.2	5.9	4.4						
36.0	43.8	48.2	4.7	3.5						
38.0	37.3	45.8	3.6	2.6						
40.0	30.5	42.7	2.7							
41.0	26.0	40.8	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]: 54.0
 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]
29.0 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 [°]										
10.9	78.0	62.5		26.1						
11.0	77.9	62.5	15.1	26.1						
12.0	75.9	62.2	15.1	24.5						
13.0	74.0	61.9	15.1	21.2						
14.0	72.1	61.6	15.1	18.7						
16.0	68.1	60.8	14.8	15.1						
18.0	64.1	59.9	12.8	12.4						
20.0	59.8	58.8	11.1	10.5						
22.0	55.4	57.5	9.1	8.8						
24.0	50.7	56.0	7.5	7.5						
26.0	45.6	54.1	6.5	6.5						
28.0	40.1	51.9	5.6	5.6						
30.0	33.7	49.2	4.8	4.9						
32.0	26.0	45.7	4.3	4.3						
Ángulo de pluma principal 83.0 [°]										
16.1	73.0	61.5		18.3						
18.0	69.3	60.8	15.1	15.9						
20.0	65.2	59.9	13.7	13.1						
22.0	61.1	58.9	11.8	11.0						
24.0	56.7	57.6	9.6	9.2						
26.0	52.1	56.1	7.9	7.9						
28.0	47.1	54.4	6.8	6.8						
30.0	41.7	52.3	5.9	5.9						
32.0	35.7	49.8	5.1	5.2						
34.0	28.5	46.5	4.5	4.6						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	58.9	13.2	12.2						
26.0	61.2	58.0	11.8	10.9						
28.0	56.8	56.7	9.7	9.3						
30.0	52.2	55.3	8.0	7.9						
32.0	47.2	53.5	6.9	6.9						
34.0	41.9	51.5	6.0	6.0						
36.0	35.8	48.9	5.2	5.3						
38.0	28.6	45.7	4.6	4.7						
Ángulo de pluma principal 65.0 [°]										
33.6	55.0	54.2		7.9						
34.0	54.1	54.0	8.4	7.7						
36.0	49.3	52.4	7.4	6.7						
38.0	44.1	50.4	6.4	5.8						
40.0	38.4	48.1	5.5	5.0						
42.0	31.7	45.2	4.9	4.3						
44.0	23.4	41.3	4.3	3.7						
45.0	17.8	38.7	4.0	3.4						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
11.0	78.0	62.5	15.1	30.1						
12.0	76.1	62.2	15.1	30.1						
13.0	74.1	62.0	15.1	30.1						
14.0	72.2	61.6	15.1	27.5						
16.0	68.2	60.9	15.1	22.4						
18.0	64.2	60.0	15.1	18.3						
20.0	59.9	58.9	14.7	15.5						
22.0	55.5	57.5	13.1	13.2						
24.0	50.8	56.0	11.9	11.5						
26.0	45.8	54.2	10.4	10.1						
28.0	40.2	52.0	8.9	8.8						
30.0	33.9	49.3	7.6	7.8						
32.0	26.2	45.7	6.0	6.1						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	61.5	15.1	26.7						
18.0	69.4	60.8	15.1	22.5						
20.0	65.4	60.0	15.1	18.9						
22.0	61.2	58.9	15.1	16.0						
24.0	56.8	57.7	13.6	13.6						
26.0	52.2	56.2	12.4	11.7						
28.0	47.3	54.4	11.0	10.0						
30.0	41.9	52.4	9.4	8.6						
32.0	35.8	49.8	8.1	7.3						
34.0	28.6	46.6	7.0	6.2						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	58.9	12.7							
26.0	61.3	58.0	14.2	10.9						
28.0	56.9	56.8	12.2	9.2						
30.0	52.3	55.3	10.4	7.8						
32.0	47.4	53.6	8.9	6.5						
34.0	42.0	51.5	7.5	5.4						
36.0	35.9	49.0	6.2	4.5						
38.0	28.8	45.8	5.1	3.6						
Ángulo de pluma principal 65.0 [°]										
33.7	55.0	54.2	4.6							
34.0	54.2	54.0	5.7	4.4						
36.0	49.4	52.4	4.5	3.4						
38.0	44.2	50.5	3.5	2.6						
40.0	39.1	48.1	2.6							
41.0	36.0	46.8	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]: 54.0
 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]
29.0 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 [°]										
11.5	78.0	65.4		23.7						
12.0	77.2	65.3	15.1	23.7						
13.0	75.5	65.1	15.1	21.5						
14.0	73.7	64.8	15.1	19.2						
16.0	70.2	64.1	15.1	15.3						
18.0	66.5	63.2	13.4	12.7						
20.0	62.7	62.3	11.2	10.7						
22.0	58.8	61.1	9.4	9.1						
24.0	54.8	59.8	7.9	7.7						
26.0	50.5	58.2	6.7	6.7						
28.0	45.9	56.4	5.8	5.8						
30.0	40.9	54.2	5.0	5.1						
32.0	35.3	51.6	4.4	4.4						
34.0	28.7	48.4	3.9	4.0						
36.0	20.1	43.9	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	64.3	15.1	16.8						
18.0	71.2	64.0	15.1	16.3						
20.0	67.6	63.2	14.8	13.5						
22.0	63.8	62.3	11.9	11.1						
24.0	60.0	61.2	9.9	9.5						
26.0	56.0	59.9	8.2	8.1						
28.0	51.7	58.4	7.0	7.0						
30.0	47.2	56.6	6.1	6.1						
32.0	42.4	54.6	5.3	5.3						
34.0	36.9	52.1	4.6	4.7						
36.0	30.7	49.1	4.1	4.2						
38.0	22.9	45.1	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
25.4	65.0	61.6		11.1						
26.0	63.9	61.4	11.7	11.1						
28.0	60.1	60.3	9.8	9.5						
30.0	56.1	59.0	8.3	8.2						
32.0	51.8	57.5	7.1	7.1						
34.0	47.3	55.8	6.2	6.2						
36.0	42.5	53.7	5.3	5.4						
38.0	37.1	51.3	4.7	4.7						
40.0	30.9	48.3	4.1	4.2						
42.0	23.1	44.3	3.7	3.7						
Ángulo de pluma principal 65.0 [°]										
35.3	55.0	56.6		7.0						
36.0	53.6	56.2	7.5	6.7						
38.0	49.2	54.6	6.5	5.8						
40.0	44.5	52.7	5.7	5.1						
42.0	39.3	50.4	5.0	4.4						
44.0	33.5	47.6	4.4	3.8						
46.0	26.5	44.1	3.9	3.2						
48.0	16.9	39.2	3.4	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]: 54.0
 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]
29.0 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 [°]										
11.6	78.0	65.4	15.1	30.1						
12.0	77.3	65.3	15.1	30.1						
13.0	75.6	65.1	15.1	29.0						
14.0	73.8	64.8	15.1	26.7						
16.0	70.3	64.1	15.1	21.2						
18.0	66.6	63.3	15.1	17.5						
20.0	62.9	62.3	15.1	14.7						
22.0	59.0	61.1	13.6	12.6						
24.0	54.9	59.8	11.3	10.8						
26.0	50.6	58.2	9.6	9.5						
28.0	46.0	56.4	8.3	8.3						
30.0	41.0	54.2	7.2	7.3						
32.0	35.4	51.7	6.3	6.4						
34.0	28.8	48.4	5.2	5.3						
36.0	20.3	44.0	4.1	4.2						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	64.3		23.5						
18.0	71.3	64.0	15.1	22.7						
20.0	67.7	63.3	15.1	18.5						
22.0	63.9	62.3	15.1	15.4						
24.0	60.1	61.2	14.4	13.3						
26.0	56.1	59.9	12.0	11.4						
28.0	51.8	58.4	10.2	9.9						
30.0	47.3	56.7	8.8	8.7						
32.0	42.5	54.6	7.6	7.6						
34.0	37.1	52.2	6.6	6.5						
36.0	30.8	49.2	5.8	5.5						
38.0	23.1	45.2	5.1	4.7						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	61.6		11.5						
26.0	64.0	61.4	14.2	11.0						
28.0	60.2	60.3	12.2	9.4						
30.0	56.2	59.0	10.4	8.0						
32.0	51.9	57.6	8.9	6.7						
34.0	47.4	55.8	7.5	5.6						
36.0	42.6	53.8	6.3	4.7						
38.0	37.2	51.3	5.2	3.8						
40.0	31.0	48.3	4.2	3.0						
42.0	23.3	44.4	3.3	2.3						
Ángulo de pluma principal 65.0 [°]										
35.4	55.0	56.6		3.8						
36.0	53.7	56.3	4.6	3.5						
38.0	49.3	54.6	3.5	2.7						
40.0	45.0	52.7	2.6							
41.0	42.5	51.6	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]: 54.0
 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]
29.0 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 [°]										
12.2	78.0	68.3	15.1	23.1						
13.0	76.7	68.2	15.1	23.1						
14.0	75.1	67.9	15.1	20.3						
16.0	71.8	67.3	15.1	16.5						
18.0	68.5	66.5	15.0	13.9						
20.0	65.1	65.6	12.3	11.6						
22.0	61.6	64.6	10.3	10.0						
24.0	58.0	63.4	8.8	8.6						
26.0	54.3	62.0	7.5	7.5						
28.0	50.3	60.4	6.5	6.6						
30.0	46.1	58.6	5.7	5.8						
32.0	41.5	56.5	5.0	5.1						
34.0	36.5	54.0	4.4	4.5						
36.0	30.7	50.9	4.0	4.1						
38.0	23.7	47.0	3.5	3.6						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	67.2	15.1	16.4						
18.0	72.8	67.2	15.1	16.4						
20.0	69.5	66.5	14.8	14.5						
22.0	66.1	65.6	13.2	12.3						
24.0	62.7	64.6	10.8	10.4						
26.0	59.1	63.5	9.2	9.0						
28.0	55.4	62.2	7.8	7.8						
30.0	51.5	60.6	6.7	6.9						
32.0	47.3	58.9	6.0	6.1						
34.0	42.9	56.8	5.2	5.4						
36.0	38.0	54.5	4.6	4.8						
38.0	32.5	51.6	4.2	4.3						
40.0	25.9	48.0	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
26.7	65.0	64.4		10.9						
28.0	62.7	63.7	11.0	10.5						
30.0	59.2	62.6	9.1	9.1						
32.0	55.4	61.3	7.9	7.9						
34.0	51.5	59.8	6.9	7.0						
36.0	47.4	58.0	6.1	6.2						
38.0	43.0	56.0	5.3	5.4						
40.0	38.1	53.6	4.7	4.8						
42.0	32.6	50.7	4.2	4.3						
44.0	26.1	47.1	3.8	3.9						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	59.1		6.3						
38.0	53.1	58.5	7.3	5.9						
40.0	49.1	56.8	6.4	5.1						
42.0	44.8	54.9	5.6	4.4						
44.0	40.1	52.7	4.9	3.8						
46.0	34.9	50.0	4.2	3.3						
48.0	28.9	46.8	3.6	2.8						
50.0	21.3	42.5	3.0	2.3						
51.0	16.2	39.6	2.8	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
29.0 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 [°]										
12.2	78.0	68.4		28.8						
13.0	76.8	68.2	15.1	28.5						
14.0	75.2	67.9	15.1	25.0						
16.0	71.9	67.3	15.1	19.9						
18.0	68.6	66.5	15.0	16.5						
20.0	65.2	65.7	13.5	13.8						
22.0	61.7	64.6	12.3	11.8						
24.0	58.1	63.4	10.5	10.1						
26.0	54.4	62.1	8.8	8.7						
28.0	50.4	60.5	7.5	7.6						
30.0	46.2	58.6	6.5	6.6						
32.0	41.6	56.5	5.7	5.7						
34.0	36.6	54.0	4.9	5.0						
36.0	30.8	51.0	4.1	4.2						
38.0	23.8	47.1	3.2	3.2						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	67.2		19.9						
18.0	72.9	67.2	15.1	19.9						
20.0	69.6	66.5	15.1	17.3						
22.0	66.2	65.6	14.4	14.5						
24.0	62.8	64.7	12.8	12.3						
26.0	59.2	63.5	11.1	10.6						
28.0	55.5	62.2	9.3	9.1						
30.0	51.6	60.7	7.9	8.0						
32.0	47.4	58.9	6.9	7.0						
34.0	43.0	56.9	6.0	6.1						
36.0	38.1	54.5	5.2	5.3						
38.0	32.6	51.6	4.5	4.6						
40.0	26.0	48.0	3.9	3.9						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	64.4	12.9	10.2						
28.0	62.8	63.8	11.8	9.2						
30.0	59.3	62.6	10.1	7.9						
32.0	55.5	61.3	8.6	6.7						
34.0	51.6	59.8	7.3	5.6						
36.0	47.5	58.0	6.1	4.6						
38.0	43.1	56.0	5.0	3.8						
40.0	38.2	53.6	4.1	3.0						
42.0	32.7	50.8	3.2	2.3						
Ángulo de pluma principal 65.0 [°]										
37.1	55.0	59.1		2.9						
38.0	53.2	58.5	3.3	2.6						
40.0	49.5	56.9	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]: 54.0
 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]
29.0 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 [°]										
12.8	78.0	71.3	15.1	24.2						
13.0	77.7	71.2	15.1	24.2						
14.0	76.2	71.0	15.1	23.4						
16.0	73.2	70.4	15.1	19.1						
18.0	70.2	69.7	15.1	16.0						
20.0	67.1	68.9	13.9	13.7						
22.0	64.0	68.0	12.0	11.7						
24.0	60.7	66.9	10.6	10.2						
26.0	57.3	65.7	9.2	9.0						
28.0	53.8	64.3	8.0	7.9						
30.0	50.1	62.7	7.0	7.1						
32.0	46.2	60.8	6.3	6.4						
34.0	42.0	58.7	5.6	5.8						
36.0	37.5	56.3	5.0	5.2						
38.0	32.3	53.4	4.6	4.7						
40.0	26.3	49.8	4.2	4.3						
Ángulo de pluma principal 83.0 [°]										
18.7	73.0	70.1		17.5						
20.0	71.1	69.7	15.1	16.8						
22.0	68.0	68.9	15.1	14.3						
24.0	64.9	68.0	12.9	12.2						
26.0	61.6	66.9	11.0	10.7						
28.0	58.3	65.8	9.6	9.4						
30.0	54.8	64.4	8.3	8.3						
32.0	51.2	62.9	7.3	7.5						
34.0	47.4	61.1	6.6	6.7						
36.0	43.3	59.1	5.9	6.0						
38.0	38.8	56.8	5.3	5.4						
40.0	33.9	54.0	4.8	4.9						
42.0	28.2	50.7	4.4	4.5						
44.0	21.0	46.3	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	67.1	11.2	11.7						
30.0	61.7	66.1	10.3	10.8						
32.0	58.4	64.9	8.9	9.6						
34.0	54.9	63.5	7.8	8.4						
36.0	51.3	62.0	7.0	7.5						
38.0	47.5	60.2	6.3	6.8						
40.0	43.4	58.2	5.6	6.1						
42.0	38.9	55.9	5.1	5.4						
44.0	34.0	53.2	4.6	4.8						
46.0	28.3	49.8	4.3	4.2						
48.0	21.2	45.5	3.9	3.7						
Ángulo de pluma principal 65.0 [°]										
38.8	55.0	61.6		5.5						
40.0	52.8	60.7	6.2	5.0						
42.0	49.0	59.1	5.4	4.4						
44.0	45.1	57.2	4.7	3.8						
46.0	40.8	55.0	4.0	3.2						
48.0	36.1	52.4	3.4	2.7						
50.0	30.7	49.3	2.9	2.2						
53.0	21.4	43.1	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]: 54.0
 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]
29.0 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 [°]										
10.9	78.0	62.5		21.6						
11.0	77.9	62.5	15.1	21.6						
12.0	75.9	62.2	15.1	20.6						
13.0	74.0	61.9	15.1	17.8						
14.0	72.1	61.6	14.9	15.7						
16.0	68.1	60.8	14.2	12.6						
18.0	64.1	59.9	10.8	10.0						
20.0	59.8	58.8	8.5	8.3						
22.0	55.4	57.5	6.9	6.7						
24.0	50.7	56.0	5.6	5.6						
26.0	45.6	54.1	4.7	4.7						
28.0	40.1	51.9	4.0	4.0						
30.0	33.7	49.2	3.3	3.4						
32.0	26.0	45.7	2.9	2.9						
Ángulo de pluma principal 83.0 [°]										
16.1	73.0	61.5		15.2						
18.0	69.3	60.8	14.3	13.2						
20.0	65.2	59.9	11.5	10.6						
22.0	61.1	58.9	9.0	8.7						
24.0	56.7	57.6	7.3	7.1						
26.0	52.1	56.1	6.0	6.0						
28.0	47.1	54.4	5.1	5.1						
30.0	41.7	52.3	4.3	4.3						
32.0	35.7	49.8	3.6	3.6						
34.0	28.5	46.5	3.1	3.1						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	58.9	10.0	9.6						
26.0	61.2	58.0	9.0	8.6						
28.0	56.8	56.7	7.4	7.2						
30.0	52.2	55.3	6.1	6.0						
32.0	47.2	53.5	5.2	5.2						
34.0	41.9	51.5	4.4	4.4						
36.0	35.8	48.9	3.7	3.7						
38.0	28.6	45.7	3.2	3.2						
Ángulo de pluma principal 65.0 [°]										
33.6	55.0	54.2		5.4						
34.0	54.1	54.0	6.4	5.2						
36.0	49.3	52.4	5.6	4.3						
38.0	44.1	50.4	4.8	3.5						
40.0	38.4	48.1	3.9	2.7						
42.0	31.7	45.2	3.1	2.1						
44.0	24.4	41.3	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]: 54.0
 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]
29.0 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 [°]										
12.8	78.0	71.3		28.7						
13.0	77.8	71.3	15.1	28.7						
14.0	76.3	71.0	15.1	27.6						
16.0	73.3	70.5	15.1	22.3						
18.0	70.3	69.8	15.1	18.2						
20.0	67.2	69.0	14.4	15.5						
22.0	64.0	68.0	13.2	13.3						
24.0	60.8	66.9	12.2	11.6						
26.0	57.4	65.7	10.4	10.1						
28.0	53.9	64.3	8.9	8.8						
30.0	50.2	62.7	7.7	7.9						
32.0	46.3	60.9	6.7	6.8						
34.0	42.1	58.8	5.7	5.9						
36.0	37.6	56.4	4.8	5.1						
38.0	32.5	53.5	4.0	4.2						
40.0	26.4	49.9	2.9	3.1						
Ángulo de pluma principal 83.0 [°]										
18.8	73.0	70.1		20.0						
20.0	71.2	69.7	15.1	19.3						
22.0	68.1	68.9	15.1	16.3						
24.0	65.0	68.0	13.8	13.9						
26.0	61.7	67.0	12.6	12.0						
28.0	58.4	65.8	10.9	10.4						
30.0	54.9	64.4	9.3	9.0						
32.0	51.3	62.9	8.1	7.8						
34.0	47.5	61.2	7.1	6.6						
36.0	43.4	59.1	6.3	5.7						
38.0	38.9	56.8	5.5	4.8						
40.0	34.0	54.1	4.9	4.0						
42.0	28.3	50.7	4.1	3.3						
44.0	21.2	46.4	3.3	2.6						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	67.1		9.1						
30.0	61.8	66.1	9.9	7.7						
32.0	58.5	64.9	8.5	6.6						
34.0	55.0	63.6	7.1	5.6						
36.0	51.4	62.0	6.0	4.6						
38.0	47.6	60.3	4.9	3.8						
40.0	43.5	58.3	4.0	3.0						
42.0	39.0	56.0	3.1	2.3						
Ángulo de pluma principal 65.0 [°]										
38.8	55.0	61.6		2.2						
40.0	53.1	60.8	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]: 54.0
 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]
29.0 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 [°]										
11.5	78.0	65.4		19.3						
12.0	77.2	65.3	15.1	19.3						
13.0	75.5	65.1	15.1	17.8						
14.0	73.7	64.8	15.1	15.8						
16.0	70.2	64.1	13.1	12.5						
18.0	66.5	63.2	10.8	10.1						
20.0	62.7	62.3	8.5	8.2						
22.0	58.8	61.1	6.9	6.8						
24.0	54.8	59.8	5.7	5.6						
26.0	50.5	58.2	4.7	4.7						
28.0	45.9	56.4	4.0	4.0						
30.0	40.9	54.2	3.3	3.4						
32.0	35.3	51.6	2.8	2.8						
34.0	28.7	48.4	2.3	2.3						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	64.3	15.1	13.5						
18.0	71.2	64.0	15.1	13.3						
20.0	67.6	63.2	11.5	10.7						
22.0	63.8	62.3	9.0	8.6						
24.0	60.0	61.2	7.3	7.2						
26.0	56.0	59.9	6.0	6.0						
28.0	51.7	58.4	5.0	5.0						
30.0	47.2	56.6	4.3	4.3						
32.0	42.4	54.6	3.6	3.6						
34.0	36.9	52.1	3.0	3.1						
36.0	30.7	49.1	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
25.4	65.0	61.6		8.4						
26.0	63.9	61.4	8.6	8.4						
28.0	60.1	60.3	7.3	7.2						
30.0	56.1	59.0	6.1	6.1						
32.0	51.8	57.5	5.1	5.1						
34.0	47.3	55.8	4.4	4.4						
36.0	42.5	53.7	3.7	3.7						
38.0	37.1	51.3	3.1	3.2						
40.0	30.9	48.3	2.7	2.7						
42.0	23.1	44.3	2.3	2.3						
Ángulo de pluma principal 65.0 [°]										
35.3	55.0	56.6		4.7						
36.0	53.6	56.2	5.4	4.3						
38.0	49.2	54.6	4.7	3.5						
40.0	44.5	52.7	3.9	2.8						
42.0	39.3	50.4	3.1	2.2						
44.0	34.1	47.6	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]: 54.0
 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]
29.0 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 [°]										
13.5	78.0	74.2	15.1	28.4						
14.0	77.3	74.1	15.1	28.4						
16.0	74.5	73.6	15.1	23.8						
18.0	71.7	73.0	15.1	19.8						
20.0	68.9	72.2	15.1	17.0						
22.0	66.0	71.3	13.8	14.6						
24.0	63.0	70.4	12.8	12.7						
26.0	60.0	69.2	11.6	11.3						
28.0	56.8	68.0	10.1	9.9						
30.0	53.5	66.6	8.7	8.8						
32.0	50.1	64.9	7.7	7.9						
34.0	46.5	63.1	6.3	6.5						
36.0	42.6	61.1	5.1	5.2						
38.0	38.4	58.7	3.9	4.1						
40.0	33.8	55.9	3.0	3.2						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	73.0	15.1	19.7						
20.0	72.5	72.9	15.1	19.2						
22.0	69.7	72.2	15.1	16.2						
24.0	66.8	71.3	14.8	13.8						
26.0	63.9	70.4	13.3	11.8						
28.0	60.8	69.3	12.2	10.2						
30.0	57.7	68.1	10.5	8.8						
32.0	54.5	66.7	9.1	7.7						
34.0	51.1	65.1	8.0	6.6						
36.0	47.5	63.4	7.2	5.6						
38.0	43.7	61.4	6.3	4.7						
40.0	39.7	59.1	5.3	4.0						
42.0	35.2	56.5	4.4	3.2						
44.0	30.1	53.3	3.5	2.6						
46.0	24.0	49.4	2.7	2.0						
Ángulo de pluma principal 75.0 [°]										
29.3	65.0	69.8		8.0						
30.0	63.9	69.5	9.4	7.5						
32.0	60.9	68.4	8.1	6.3						
34.0	57.8	67.2	6.9	5.4						
36.0	54.5	65.8	5.7	4.5						
38.0	51.2	64.3	4.7	3.7						
40.0	47.6	62.5	3.7	2.9						
42.0	43.8	60.5	2.9	2.2						
44.0	40.1	58.3	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]: 54.0
 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]
29.0 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 [°]										
11.6	78.0	65.4	15.1	30.1						
12.0	77.3	65.3	15.1	30.1						
13.0	75.6	65.1	15.1	30.1						
14.0	73.8	64.8	15.1	27.7						
16.0	70.3	64.1	15.1	22.2						
18.0	66.6	63.3	15.1	17.9						
20.0	62.9	62.3	15.1	14.7						
22.0	59.0	61.1	13.6	12.2						
24.0	54.9	59.8	9.3	9.1						
26.0	50.6	58.2	5.9	6.0						
28.0	46.0	56.4	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
17.0	73.0	64.3		20.1						
18.0	71.3	64.0	15.1	18.0						
20.0	67.7	63.3	15.1	14.6						
22.0	63.9	62.3	14.8	11.9						
24.0	60.1	61.2	14.5	9.8						
26.0	56.1	59.9	11.9	8.1						
28.0	51.8	58.4	9.9	6.6						
30.0	47.3	56.7	7.6	5.3						
32.0	42.5	54.6	5.0	4.2						
34.0	37.1	52.2	2.8	2.8						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	61.6		7.8						
26.0	64.0	61.4	10.4	7.3						
28.0	60.2	60.3	8.4	5.8						
30.0	56.2	59.0	6.7	4.6						
32.0	51.9	57.6	5.1	3.5						
34.0	47.4	55.8	3.7	2.5						
36.0	43.0	53.8	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]: 54.0
 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]
29.0 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 [°]										
12.2	78.0	68.3	15.1	19.9						
13.0	76.7	68.2	15.1	19.9						
14.0	75.1	67.9	15.1	17.8						
16.0	71.8	67.3	14.2	14.3						
18.0	68.5	66.5	12.8	11.8						
20.0	65.1	65.6	10.2	9.7						
22.0	61.6	64.6	8.3	8.2						
24.0	58.0	63.4	7.0	7.0						
26.0	54.3	62.0	5.9	5.9						
28.0	50.3	60.4	5.1	5.1						
30.0	46.1	58.6	4.4	4.5						
32.0	41.5	56.5	3.8	3.9						
34.0	36.5	54.0	3.3	3.4						
36.0	30.7	50.9	2.7	2.7						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	67.2	15.1	14.0						
18.0	72.8	67.2	15.1	14.0						
20.0	69.5	66.5	13.4	12.3						
22.0	66.1	65.6	10.8	10.2						
24.0	62.7	64.6	8.7	8.5						
26.0	59.1	63.5	7.3	7.3						
28.0	55.4	62.2	6.2	6.2						
30.0	51.5	60.6	5.4	5.4						
32.0	47.3	58.9	4.7	4.8						
34.0	42.9	56.8	4.1	4.2						
36.0	38.0	54.5	3.5	3.6						
38.0	32.5	51.6	3.1	3.2						
40.0	25.9	48.0	2.7	2.8						
Ángulo de pluma principal 75.0 [°]										
26.7	65.0	64.4		8.9						
28.0	62.7	63.7	8.8	8.7						
30.0	59.2	62.6	7.4	7.4						
32.0	55.4	61.3	6.3	6.4						
34.0	51.5	59.8	5.4	5.5						
36.0	47.4	58.0	4.8	4.9						
38.0	43.0	56.0	4.2	4.2						
40.0	38.1	53.6	3.6	3.7						
42.0	32.6	50.7	3.2	3.1						
44.0	26.1	47.1	2.9	2.5						
Ángulo de pluma principal 65.0 [°]										
37.0	55.0	59.1		4.0						
38.0	53.1	58.5	4.9	3.6						
40.0	49.1	56.8	3.9	2.9						
42.0	44.8	54.9	3.1	2.3						
44.0	40.5	52.7	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]: 54.0
 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]
29.0 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 [°]										
12.2	78.0	68.4		28.8						
13.0	76.8	68.2	15.1	28.8						
14.0	75.2	67.9	15.1	27.0						
16.0	71.9	67.3	15.1	22.0						
18.0	68.6	66.5	15.1	18.2						
20.0	65.2	65.7	14.0	14.9						
22.0	61.7	64.6	13.0	12.4						
24.0	58.1	63.4	10.4	9.9						
26.0	54.4	62.1	7.0	6.8						
28.0	50.4	60.5	4.3	4.5						
30.0	46.2	58.6	2.9	3.1						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	67.2		18.3						
18.0	72.9	67.2	15.1	18.1						
20.0	69.6	66.5	15.1	14.7						
22.0	66.2	65.6	15.0	12.0						
24.0	62.8	64.7	13.4	9.8						
26.0	59.2	63.5	12.0	8.1						
28.0	55.5	62.2	9.9	6.7						
30.0	51.6	60.7	8.1	5.5						
32.0	47.4	58.9	6.2	4.3						
34.0	43.0	56.9	3.9	3.3						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	64.4	9.1	6.6						
28.0	62.8	63.8	8.0	5.7						
30.0	59.3	62.6	6.4	4.5						
32.0	55.5	61.3	5.0	3.5						
34.0	51.6	59.8	3.6	2.5						
36.0	47.8	58.0	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]: 54.0
 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]
29.0 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 [°]										
12.8	78.0	71.3	15.1	17.1						
13.0	77.7	71.2	15.1	17.1						
14.0	76.2	71.0	15.1	16.8						
16.0	73.2	70.4	13.6	13.7						
18.0	70.2	69.7	11.3	11.0						
20.0	67.1	68.9	9.4	9.1						
22.0	64.0	68.0	7.6	7.5						
24.0	60.7	66.9	6.3	6.3						
26.0	57.3	65.7	5.4	5.4						
28.0	53.8	64.3	4.5	4.6						
30.0	50.1	62.7	3.9	4.0						
32.0	46.2	60.8	3.4	3.4						
34.0	42.0	58.7	2.9	2.9						
36.0	37.5	56.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
18.7	73.0	70.1		11.9						
20.0	71.1	69.7	11.7	11.6						
22.0	68.0	68.9	9.7	9.5						
24.0	64.9	68.0	8.0	7.9						
26.0	61.6	66.9	6.7	6.7						
28.0	58.3	65.8	5.7	5.7						
30.0	54.8	64.4	4.8	4.9						
32.0	51.2	62.9	4.1	4.2						
34.0	47.4	61.1	3.6	3.7						
36.0	43.3	59.1	3.1	3.1						
38.0	38.8	56.8	2.6	2.7						
40.0	33.9	54.0	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	67.1	7.3	7.4						
30.0	61.7	66.1	6.8	6.8						
32.0	58.4	64.9	5.8	5.8						
34.0	54.9	63.5	4.9	5.0						
36.0	51.3	62.0	4.2	4.3						
38.0	47.5	60.2	3.7	3.7						
40.0	43.4	58.2	3.2	3.2						
42.0	38.9	55.9	2.7	2.8						
44.0	34.0	53.2	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
38.8	55.0	61.6		3.3						
40.0	52.8	60.7	3.8	2.9						
42.0	49.0	59.1	3.0	2.2						
44.0	45.4	57.2	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]: 54.0
 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]
29.0 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 [°]										
12.8	78.0	71.3		27.0						
13.0	77.8	71.3	15.1	27.0						
14.0	76.3	71.0	15.1	26.7						
16.0	73.3	70.5	15.1	21.5						
18.0	70.3	69.8	15.1	17.6						
20.0	67.2	69.0	14.4	15.0						
22.0	64.0	68.0	12.7	12.5						
24.0	60.8	66.9	11.5	10.5						
26.0	57.4	65.7	8.2	7.9						
28.0	53.9	64.3	5.3	5.2						
30.0	50.2	62.7	3.1	3.2						
Ángulo de pluma principal 83.0 [°]										
18.8	73.0	70.1		16.7						
20.0	71.2	69.7	15.1	14.7						
22.0	68.1	68.9	14.9	12.0						
24.0	65.0	68.0	13.1	9.9						
26.0	61.7	67.0	11.1	8.1						
28.0	58.4	65.8	9.6	6.7						
30.0	54.9	64.4	8.0	5.5						
32.0	51.3	62.9	6.5	4.4						
34.0	47.5	61.2	5.0	3.4						
36.0	43.4	59.1	3.3	2.5						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	67.1		5.6						
30.0	61.8	66.1	6.1	4.4						
32.0	58.5	64.9	4.7	3.4						
34.0	55.0	63.6	3.5	2.5						
36.0	51.6	62.0	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]: 54.0
 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]
29.0 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 [°]										
13.4	78.0	74.2		15.1						
14.0	77.2	74.1	15.1	15.1						
16.0	74.4	73.6	13.6	12.7						
18.0	71.7	72.9	10.8	10.3						
20.0	68.8	72.2	8.6	8.5						
22.0	65.9	71.3	7.0	7.0						
24.0	62.9	70.3	5.7	5.8						
26.0	59.9	69.2	4.8	4.9						
28.0	56.7	67.9	4.1	4.1						
30.0	53.4	66.5	3.4	3.5						
32.0	50.0	64.9	2.9	3.0						
34.0	46.4	63.1	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
19.6	73.0	72.9		10.2						
20.0	72.5	72.8	10.5	10.1						
22.0	69.6	72.1	9.1	8.8						
24.0	66.7	71.3	7.4	7.3						
26.0	63.8	70.3	6.1	6.1						
28.0	60.8	69.3	5.2	5.2						
30.0	57.6	68.0	4.3	4.4						
32.0	54.4	66.7	3.7	3.7						
34.0	51.0	65.1	3.1	3.2						
36.0	47.4	63.4	2.7	2.7						
38.0	43.6	61.4	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
29.2	65.0	69.8		6.1						
30.0	63.9	69.5	6.0	6.1						
32.0	60.8	68.4	5.2	5.3						
34.0	57.7	67.2	4.5	4.5						
36.0	54.5	65.8	3.7	3.8						
38.0	51.1	64.2	3.2	3.3						
40.0	47.5	62.5	2.7	2.8						
42.0	43.7	60.5	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
40.5	55.0	64.0		2.8						
42.0	52.5	63.0	3.0	2.3						
44.0	49.2	61.3	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]: 54.0
 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]
29.0 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 [°]										
13.5	78.0	74.2	15.1	27.8						
14.0	77.3	74.1	15.1	27.8						
16.0	74.5	73.6	15.1	22.8						
18.0	71.7	73.0	15.1	18.4						
20.0	68.9	72.2	15.1	15.1						
22.0	66.0	71.3	12.8	12.5						
24.0	63.0	70.4	10.2	10.4						
26.0	60.0	69.2	8.1	8.6						
28.0	56.8	68.0	5.6	5.9						
30.0	53.5	66.6	3.5	3.6						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	73.0	15.1	15.1						
20.0	72.5	72.9	15.1	14.6						
22.0	69.7	72.2	15.1	11.9						
24.0	66.8	71.3	13.7	9.8						
26.0	63.9	70.4	11.3	8.0						
28.0	60.8	69.3	9.4	6.6						
30.0	57.7	68.1	7.7	5.3						
32.0	54.5	66.7	6.2	4.3						
34.0	51.1	65.1	4.9	3.4						
36.0	47.5	63.4	3.7	2.5						
38.0	44.1	61.4	2.5							
Ángulo de pluma principal 75.0 [°]										
29.3	65.0	69.8		4.6						
30.0	63.9	69.5	5.7	4.2						
32.0	60.9	68.4	4.4	3.2						
34.0	57.8	67.2	3.2	2.3						
36.0	54.8	65.8	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]: 54.0
 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]
29.0 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 [°]										
14.0	78.0	77.1		14.1						
16.0	75.5	76.7	13.9	12.8						
18.0	72.9	76.1	10.9	10.4						
20.0	70.3	75.4	8.5	8.4						
22.0	67.6	74.6	7.0	7.0						
24.0	64.8	73.7	5.7	5.8						
26.0	62.0	72.7	4.8	4.9						
28.0	59.2	71.5	4.1	4.2						
30.0	56.2	70.2	3.4	3.5						
32.0	53.1	68.8	2.9	3.0						
34.0	49.9	67.1	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
20.5	73.0	75.8	9.4	9.2						
22.0	71.0	75.3	9.0	8.8						
24.0	68.4	74.6	7.2	7.2						
26.0	65.6	73.7	6.0	6.1						
28.0	62.8	72.7	5.1	5.1						
30.0	60.0	71.6	4.3	4.4						
32.0	57.0	70.3	3.7	3.7						
34.0	54.0	68.9	3.1	3.1						
36.0	50.8	67.3	2.6	2.7						
38.0	47.5	65.6	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
30.5	65.0	72.5		5.4						
32.0	62.9	71.8	5.2	5.3						
34.0	60.1	70.7	4.4	4.5						
36.0	57.1	69.4	3.8	3.8						
38.0	54.1	68.0	3.2	3.2						
40.0	50.9	66.5	2.7	2.8						
42.0	47.6	64.7	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
42.2	55.0	66.5		2.2						
44.0	52.4	65.2	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]: 54.0
 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]
29.0 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 [°]										
14.7	78.0	80.1	12.1	12.9						
16.0	76.4	79.8	11.8	12.6						
18.0	74.0	79.2	10.3	10.1						
20.0	71.5	78.6	8.4	8.3						
22.0	69.0	77.8	6.9	6.9						
24.0	66.5	77.0	5.7	5.8						
26.0	63.9	76.0	4.7	4.8						
28.0	61.2	75.0	4.0	4.1						
30.0	58.5	73.8	3.3	3.4						
32.0	55.7	72.5	2.8	2.9						
34.0	52.8	71.0	2.3	2.4						
Ángulo de pluma principal 83.0 [°]										
21.4	73.0	78.7	8.2	8.3						
22.0	72.2	78.5	8.2	8.3						
24.0	69.7	77.8	7.1	7.1						
26.0	67.2	77.0	5.9	6.0						
28.0	64.6	76.0	5.0	5.0						
30.0	62.0	75.0	4.2	4.3						
32.0	59.3	73.9	3.6	3.7						
34.0	56.5	72.6	3.0	3.1						
36.0	53.7	71.2	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
31.8	65.0	75.2	4.7	4.8						
32.0	64.7	75.2	4.7	4.8						
34.0	62.1	74.1	4.3	4.4						
36.0	59.4	73.0	3.6	3.7						
38.0	56.6	71.7	3.1	3.2						
40.0	53.7	70.3	2.6	2.7						
42.0	50.7	68.7	2.2	2.2						
Ángulo de pluma principal 65.0 [°]										
44.0	55.0	68.9	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]: 54.0
 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]
29.0 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 [°]										
15.3	78.0	83.0	9.5	10.6						
16.0	77.2	82.9	9.5	10.6						
18.0	74.9	82.3	8.4	9.3						
20.0	72.6	81.7	7.2	7.7						
22.0	70.3	81.0	6.0	6.2						
24.0	67.9	80.3	5.1	5.2						
26.0	65.5	79.4	4.2	4.3						
28.0	63.0	78.4	3.4	3.5						
30.0	60.5	77.3	2.9	3.0						
32.0	58.0	76.1	2.4	2.4						
Ángulo de pluma principal 83.0 [°]										
22.2	73.0	81.5		6.9						
24.0	71.0	81.0	6.4	6.5						
26.0	68.6	80.2	5.3	5.4						
28.0	66.2	79.4	4.4	4.5						
30.0	63.8	78.4	3.6	3.8						
32.0	61.3	77.3	3.1	3.2						
34.0	58.7	76.2	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
33.0	65.0	77.9		3.8						
34.0	63.8	77.5	3.6	3.8						
36.0	61.3	76.5	3.2	3.2						
38.0	58.8	75.3	2.6	2.7						
40.0	56.1	74.0	2.1	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]: 54.0
 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]
32.0 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 [°]										
7.3	78.0	47.9	15.1	30.1						
8.0	74.7	47.7	15.1	30.1						
9.0	70.0	47.3	15.1	22.3						
10.0	65.2	46.9	15.1	16.9						
11.0	60.1	46.3	14.4	13.6						
12.0	54.7	45.6	12.2	11.3						
13.0	48.9	44.8	10.6	9.6						
14.0	42.4	43.7	8.9	8.3						
Ángulo de pluma principal 83.0 [°]										
11.2	73.0	47.2		26.4						
12.0	69.3	46.9	15.1	21.0						
13.0	64.4	46.5	15.1	16.1						
14.0	59.3	45.9	14.0	13.1						
16.0	47.9	44.3	10.3	9.3						
18.0	33.5	41.9	7.3	7.1						
Ángulo de pluma principal 75.0 [°]										
17.3	65.0	45.5		16.2						
18.0	61.6	45.2	14.7	14.2						
20.0	50.7	43.7	10.3	10.0						
22.0	37.2	41.5	7.4	7.4						
Ángulo de pluma principal 65.0 [°]										
24.5	55.0	42.2		11.1						
26.0	46.4	41.0	8.9	8.9						
28.0	31.3	38.4	6.7	6.8						
Ángulo de pluma principal 45.0 [°]										
36.7	35.0	32.0		5.5						
38.0	21.7	29.8	6.1	4.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
7.9	78.0	50.8	15.1	30.1						
8.0	77.7	50.8	15.1	30.1						
9.0	73.9	50.5	15.1	29.6						
10.0	70.1	50.1	15.1	22.9						
11.0	66.2	49.7	15.1	18.5						
12.0	62.2	49.2	15.1	15.4						
13.0	58.0	48.6	13.6	13.2						
14.0	53.5	47.8	12.1	11.5						
16.0	43.6	46.0	9.5	9.1						
18.0	31.1	43.3	7.5	7.5						
Ángulo de pluma principal 83.0 [°]										
12.1	73.0	50.1	15.1	26.6						
13.0	69.5	49.8	15.1	21.9						
14.0	65.6	49.3	15.1	17.8						
16.0	57.3	48.2	13.3	12.8						
18.0	48.0	46.5	10.6	10.0						
20.0	36.8	44.3	8.1	8.0						
Ángulo de pluma principal 75.0 [°]										
18.6	65.0	48.2		16.7						
20.0	59.2	47.5	15.1	13.7						
22.0	50.2	46.0	11.2	10.5						
24.0	39.6	43.9	8.5	8.3						
26.0	25.3	40.6	7.0	7.0						
Ángulo de pluma principal 65.0 [°]										
26.3	55.0	44.6		11.6						
28.0	46.7	43.2	10.0	9.6						
30.0	35.3	40.8	7.8	7.7						
Ángulo de pluma principal 45.0 [°]										
39.2	35.0	33.7		4.7						
40.0	28.9	32.6	5.4	4.3						
41.0	19.2	30.4	4.9	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]: 54.0
 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]
32.0 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 [°]										
8.0	78.0	50.8	15.1	30.1						
9.0	74.2	50.5	15.1	30.1						
10.0	70.4	50.2	15.1	30.1						
11.0	66.4	49.7	15.1	25.8						
12.0	62.4	49.2	15.1	21.9						
13.0	58.2	48.6	15.1	18.6						
14.0	53.7	47.9	15.1	16.0						
16.0	43.8	46.0	13.2	12.6						
18.0	31.4	43.3	10.9	10.3						
Ángulo de pluma principal 83.0 [°]										
12.1	73.0	50.1		30.1						
13.0	69.7	49.8	15.1	29.6						
14.0	65.8	49.4	15.1	25.5						
16.0	57.5	48.2	15.1	18.0						
18.0	48.2	46.6	14.2	13.8						
20.0	37.1	44.3	11.7	11.0						
Ángulo de pluma principal 75.0 [°]										
18.7	65.0	48.2	15.1	23.6						
20.0	59.4	47.5	15.1	19.1						
22.0	50.4	46.0	15.1	14.5						
24.0	39.9	43.9	12.2	11.4						
26.0	25.6	40.7	10.0	9.6						
Ángulo de pluma principal 65.0 [°]										
26.3	55.0	44.6		12.2						
28.0	47.0	43.3	13.5	10.6						
30.0	35.5	40.9	10.6	8.8						
Ángulo de pluma principal 45.0 [°]										
39.2	35.0	33.7		2.6						
40.0	29.2	32.7	2.9	2.3						
41.0	22.3	30.5	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]: 54.0
 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]
32.0 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 [°]										
8.5	78.0	53.7		30.1						
9.0	76.5	53.6	15.1	30.1						
10.0	73.4	53.3	15.1	27.8						
11.0	70.2	53.0	15.1	22.7						
12.0	66.9	52.5	15.1	19.2						
13.0	63.6	52.1	15.1	16.4						
14.0	60.1	51.5	14.6	14.5						
16.0	52.7	50.1	12.5	11.4						
18.0	44.4	48.2	10.2	9.4						
20.0	34.4	45.7	8.1	7.9						
Ángulo de pluma principal 83.0 [°]										
13.0	73.0	53.0	15.1	25.7						
14.0	69.7	52.6	15.1	21.9						
16.0	63.0	51.7	15.1	16.0						
18.0	55.9	50.4	13.4	12.5						
20.0	48.0	48.8	11.3	10.2						
22.0	38.9	46.6	8.9	8.5						
24.0	27.2	43.4	7.4	7.2						
Ángulo de pluma principal 75.0 [°]										
19.9	65.0	50.9		16.9						
20.0	64.6	50.9	15.1	16.8						
22.0	57.5	49.7	14.4	13.3						
24.0	49.9	48.2	11.2	10.7						
26.0	41.1	46.2	8.9	8.8						
28.0	30.2	43.3	7.4	7.5						
Ángulo de pluma principal 65.0 [°]										
28.0	55.0	47.1		12.0						
30.0	47.0	45.5	10.1	10.0						
32.0	37.6	43.2	8.2	8.3						
34.0	25.4	39.9	6.9	7.1						
Ángulo de pluma principal 45.0 [°]										
41.6	35.0	35.4		4.1						
42.0	32.8	35.1	4.8	4.0						
44.0	17.4	30.9	4.1	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]: 54.0
 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]
32.0 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 [°]										
8.6	78.0	53.8	15.1	30.1						
9.0	76.7	53.7	15.1	30.1						
10.0	73.6	53.4	15.1	30.1						
11.0	70.4	53.0	15.1	30.1						
12.0	67.1	52.6	15.1	26.5						
13.0	63.7	52.1	15.1	22.5						
14.0	60.3	51.5	15.1	19.7						
16.0	52.9	50.1	15.1	15.3						
18.0	44.6	48.3	13.2	12.4						
20.0	34.7	45.8	10.8	10.1						
Ángulo de pluma principal 83.0 [°]										
13.0	73.0	53.0	15.1	30.1						
14.0	69.9	52.6	15.1	29.2						
16.0	63.2	51.7	15.1	22.1						
18.0	56.1	50.5	15.1	16.9						
20.0	48.2	48.8	14.0	13.5						
22.0	39.1	46.6	11.3	11.0						
24.0	27.4	43.5	9.3	9.1						
Ángulo de pluma principal 75.0 [°]										
19.9	65.0	50.9	15.1	21.8						
20.0	64.7	50.9	15.1	21.6						
22.0	57.7	49.8	15.1	17.9						
24.0	50.1	48.2	15.1	14.2						
26.0	41.3	46.2	12.5	11.6						
28.0	30.5	43.4	10.4	9.7						
Ángulo de pluma principal 65.0 [°]										
28.0	55.0	47.1	11.5	10.8						
30.0	47.2	45.5	10.0	9.2						
32.0	37.9	43.2	8.7	7.8						
34.0	25.6	39.9	6.6	6.6						
Ángulo de pluma principal 45.0 [°]										
41.9	35.0	35.4	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]: 54.0
 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]
32.0 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 [°]										
9.2	78.0	56.7	15.1	30.1						
10.0	75.7	56.5	15.1	28.2						
11.0	73.0	56.2	15.1	23.4						
12.0	70.2	55.8	15.1	19.7						
13.0	67.4	55.4	15.1	17.1						
14.0	64.5	54.9	15.1	15.0						
16.0	58.5	53.8	13.3	12.0						
18.0	52.1	52.3	10.5	9.8						
20.0	44.9	50.5	8.6	8.2						
22.0	36.7	48.1	7.1	7.0						
24.0	26.1	44.8	6.1	6.0						
Ángulo de pluma principal 83.0 [°]										
13.8	73.0	55.8		22.3						
14.0	72.6	55.8	15.1	22.3						
16.0	67.0	55.0	15.1	16.7						
18.0	61.1	54.0	14.8	13.1						
20.0	54.8	52.7	11.6	10.6						
22.0	48.0	51.0	9.4	8.9						
24.0	40.3	48.9	7.7	7.5						
26.0	31.0	46.0	6.5	6.5						
Ángulo de pluma principal 75.0 [°]										
21.1	65.0	53.7		14.7						
22.0	62.5	53.2	15.0	13.8						
24.0	56.3	52.0	12.4	11.1						
26.0	49.6	50.4	9.8	9.3						
28.0	42.2	48.4	8.1	7.8						
30.0	33.3	45.8	6.8	6.7						
Ángulo de pluma principal 65.0 [°]										
29.7	55.0	49.5		10.4						
30.0	54.0	49.4	10.5	10.4						
32.0	47.1	47.7	8.5	8.7						
34.0	39.3	45.5	7.2	7.4						
36.0	29.6	42.5	6.2	6.4						
Ángulo de pluma principal 45.0 [°]										
44.1	35.0	37.2		3.4						
46.0	24.3	34.0	3.5	2.9						
47.0	16.0	31.3	3.2	2.6						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
9.2	78.0	56.7		30.1						
10.0	75.9	56.5	15.1	30.1						
11.0	73.2	56.2	15.1	29.2						
12.0	70.4	55.8	15.1	27.0						
13.0	67.6	55.4	15.1	23.8						
14.0	64.7	54.9	15.1	20.5						
16.0	58.7	53.8	14.8	16.2						
18.0	52.2	52.4	14.1	13.2						
20.0	45.1	50.5	11.9	10.9						
22.0	36.9	48.2	9.5	9.1						
24.0	26.3	44.8	7.9	7.7						
Ángulo de pluma principal 83.0 [°]										
13.9	73.0	55.8		30.1						
14.0	72.7	55.8	15.1	30.1						
16.0	67.1	55.0	15.1	23.3						
18.0	61.3	54.0	15.1	17.9						
20.0	55.0	52.7	13.9	14.3						
22.0	48.2	51.1	12.2	11.8						
24.0	40.5	48.9	9.8	9.8						
26.0	31.2	46.1	8.2	8.4						
Ángulo de pluma principal 75.0 [°]										
21.2	65.0	53.7		20.0						
22.0	62.6	53.3	15.1	18.8						
24.0	56.5	52.0	14.5	15.0						
26.0	49.8	50.5	12.9	12.4						
28.0	42.3	48.5	10.4	10.3						
30.0	33.5	45.8	8.6	8.8						
Ángulo de pluma principal 65.0 [°]										
29.8	55.0	49.5		9.7						
30.0	54.2	49.4	11.5	9.5						
32.0	47.3	47.7	10.1	8.2						
34.0	39.5	45.5	8.8	7.0						
36.0	29.8	42.6	7.7	6.0						
38.0	17.6	37.8	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]: 54.0
 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]
32.0 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 [°]										
9.8	78.0	59.6	15.1	28.3						
10.0	77.5	59.6	15.1	28.3						
11.0	75.1	59.3	15.1	23.9						
12.0	72.7	59.0	15.1	20.3						
13.0	70.3	58.6	15.1	17.5						
14.0	67.8	58.2	14.7	15.5						
16.0	62.7	57.3	13.5	12.4						
18.0	57.3	56.0	11.1	10.2						
20.0	51.6	54.6	8.9	8.6						
22.0	45.3	52.7	7.5	7.3						
24.0	38.2	50.4	6.3	6.3						
26.0	29.7	47.4	5.5	5.5						
Ángulo de pluma principal 83.0 [°]										
14.7	73.0	58.7		19.7						
16.0	69.9	58.3	15.1	17.1						
18.0	64.9	57.4	14.1	13.5						
20.0	59.6	56.3	12.2	11.1						
22.0	54.1	54.9	9.7	9.2						
24.0	48.0	53.3	8.1	7.9						
26.0	41.3	51.2	6.8	6.7						
28.0	33.5	48.5	5.9	5.9						
30.0	23.4	44.8	5.1	5.1						
Ángulo de pluma principal 75.0 [°]										
22.4	65.0	56.4		13.2						
24.0	60.8	55.6	12.8	11.5						
26.0	55.4	54.3	10.2	9.6						
28.0	49.5	52.7	8.3	8.2						
30.0	42.9	50.7	7.1	7.0						
32.0	35.4	48.2	6.0	6.1						
34.0	26.0	44.8	5.3	5.3						
Ángulo de pluma principal 65.0 [°]										
31.4	55.0	52.0		9.3						
32.0	53.4	51.6	9.5	9.1						
34.0	47.3	49.9	7.8	7.7						
36.0	40.5	47.8	6.7	6.6						
38.0	32.5	45.0	5.8	5.8						
40.0	21.9	41.1	5.1	5.1						
Ángulo de pluma principal 45.0 [°]										
46.5	35.0	38.9		2.9						
48.0	28.3	36.7	3.0	2.5						
50.0	17.1	31.8	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]: 54.0
 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]
32.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.8	78.0	59.6		30.1						
10.0	77.6	59.6	15.1	30.1						
11.0	75.2	59.3	15.1	30.1						
12.0	72.8	59.0	15.1	27.8						
13.0	70.4	58.7	15.1	24.3						
14.0	67.9	58.3	15.1	21.4						
16.0	62.8	57.3	15.1	16.7						
18.0	57.5	56.1	13.0	13.6						
20.0	51.8	54.6	10.9	11.4						
22.0	45.5	52.8	9.1	9.6						
24.0	38.4	50.5	7.6	8.1						
26.0	29.9	47.5	6.5	6.9						
Ángulo de pluma principal 83.0 [°]										
14.8	73.0	58.7	15.1	27.4						
16.0	70.0	58.3	15.1	23.8						
18.0	65.0	57.4	15.1	18.4						
20.0	59.8	56.3	14.3	14.8						
22.0	54.2	55.0	12.1	12.2						
24.0	48.2	53.3	10.3	10.3						
26.0	41.5	51.2	8.6	8.7						
28.0	33.7	48.6	7.2	7.5						
30.0	23.6	44.8	6.1	6.4						
Ángulo de pluma principal 75.0 [°]										
22.5	65.0	56.4	15.1	17.7						
24.0	61.0	55.6	15.1	15.5						
26.0	55.5	54.3	13.2	12.8						
28.0	49.6	52.7	10.9	10.8						
30.0	43.1	50.7	9.0	9.1						
32.0	35.6	48.2	7.5	7.8						
34.0	26.2	44.8	6.5	6.7						
Ángulo de pluma principal 65.0 [°]										
31.5	55.0	52.0		8.5						
32.0	53.5	51.7	9.8	8.1						
34.0	47.4	50.0	8.6	7.0						
36.0	40.6	47.8	7.5	6.0						
38.0	32.6	45.1	6.5	5.2						
40.0	22.1	41.2	5.5	4.4						
41.0	16.4	38.2	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]: 54.0
 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]
32.0 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 [°]										
10.4	78.0	62.5	15.1	30.1						
11.0	76.7	62.4	15.1	30.1						
12.0	74.6	62.1	15.1	30.1						
13.0	72.5	61.8	15.1	27.7						
14.0	70.3	61.5	15.1	25.0						
16.0	65.9	60.6	15.1	20.5						
18.0	61.2	59.6	15.1	17.3						
20.0	56.4	58.3	14.3	14.8						
22.0	51.2	56.8	13.7	13.0						
24.0	45.7	55.0	12.2	11.6						
26.0	39.4	52.7	10.6	10.3						
28.0	32.2	49.9	9.5	9.4						
30.0	22.9	46.1	8.5	8.6						
Ángulo de pluma principal 83.0 [°]										
15.6	73.0	61.6		27.8						
16.0	72.1	61.5	15.1	27.7						
18.0	67.7	60.7	15.1	22.4						
20.0	63.2	59.7	15.1	18.4						
22.0	58.5	58.6	14.4	15.7						
24.0	53.4	57.2	13.6	13.7						
26.0	48.1	55.5	12.3	12.2						
28.0	42.1	53.4	10.8	10.9						
30.0	35.4	50.9	9.5	9.8						
32.0	27.2	47.6	8.7	9.0						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	59.1		19.0						
24.0	64.2	59.0	15.1	19.0						
26.0	59.6	57.9	15.1	16.2						
28.0	54.6	56.5	14.2	14.1						
30.0	49.3	54.9	13.3	12.5						
32.0	43.5	52.9	11.6	11.1						
34.0	37.0	50.5	10.2	10.0						
36.0	29.3	47.4	9.2	9.2						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	54.4		10.1						
34.0	52.8	53.9	11.2	9.6						
36.0	47.4	52.2	10.2	8.6						
38.0	41.4	50.1	9.2	7.6						
40.0	34.5	47.5	8.3	6.8						
42.0	26.0	44.0	7.4	6.0						
Ángulo de pluma principal 45.0 [°]										
49.0	35.0	40.6		2.3						
50.0	31.1	39.3	2.4	2.0						
51.0	27.6	37.5	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]: 54.0
 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]
32.0 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 [°]										
8.5	78.0	53.7		30.1						
9.0	76.5	53.6	15.1	30.1						
10.0	73.4	53.3	15.1	30.0						
11.0	70.2	53.0	15.1	27.4						
12.0	66.9	52.5	15.1	24.0						
13.0	63.6	52.1	15.1	20.5						
14.0	60.1	51.5	15.1	18.0						
16.0	52.7	50.1	14.9	14.1						
18.0	44.4	48.2	12.8	11.5						
20.0	34.4	45.7	10.0	9.5						
Ángulo de pluma principal 83.0 [°]										
13.0	73.0	53.0	15.1	30.1						
14.0	69.7	52.6	15.1	27.5						
16.0	63.0	51.7	15.1	20.0						
18.0	55.9	50.4	15.1	15.5						
20.0	48.0	48.8	14.1	12.5						
22.0	38.9	46.6	11.1	10.3						
24.0	27.2	43.4	9.1	8.7						
Ángulo de pluma principal 75.0 [°]										
19.9	65.0	50.9		20.4						
20.0	64.6	50.9	15.1	20.2						
22.0	57.5	49.7	15.1	16.4						
24.0	49.9	48.2	14.7	13.1						
26.0	41.1	46.2	11.8	10.7						
28.0	30.2	43.3	9.6	9.1						
Ángulo de pluma principal 65.0 [°]										
28.0	55.0	47.1		10.4						
30.0	47.0	45.5	12.0	8.7						
32.0	37.6	43.2	10.4	7.3						
34.0	25.4	39.9	9.0	6.1						
Ángulo de pluma principal 45.0 [°]										
41.6	35.0	35.4		2.1						
42.0	32.8	35.1	2.7	2.0						
43.0	27.8	33.3	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]: 54.0
 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]
32.0 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 [°]										
10.5	78.0	62.6	15.1	30.1						
11.0	76.9	62.4	15.1	30.1						
12.0	74.7	62.2	15.1	30.1						
13.0	72.6	61.8	15.1	29.6						
14.0	70.4	61.5	15.1	29.0						
16.0	66.0	60.6	15.1	24.3						
18.0	61.4	59.6	15.1	20.1						
20.0	56.5	58.4	15.1	17.0						
22.0	51.4	56.8	15.1	14.7						
24.0	45.8	55.0	13.5	12.8						
26.0	39.6	52.8	11.7	11.3						
28.0	32.4	50.0	10.3	10.0						
30.0	23.1	46.1	9.0	9.0						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	61.6	15.1	30.1						
16.0	72.2	61.5	15.1	30.1						
18.0	67.9	60.7	15.1	26.8						
20.0	63.3	59.8	15.1	21.6						
22.0	58.6	58.6	15.1	18.2						
24.0	53.6	57.2	15.1	15.5						
26.0	48.2	55.5	14.1	13.6						
28.0	42.3	53.5	12.3	11.9						
30.0	35.6	50.9	10.9	10.6						
32.0	27.4	47.6	9.6	9.5						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	59.1		16.6						
24.0	64.4	59.0	15.1	16.3						
26.0	59.7	57.9	15.1	14.2						
28.0	54.7	56.6	15.1	12.5						
30.0	49.5	54.9	13.5	10.9						
32.0	43.7	53.0	12.0	9.6						
34.0	37.2	50.6	10.7	8.5						
36.0	29.4	47.5	9.5	7.5						
Ángulo de pluma principal 65.0 [°]										
33.2	55.0	54.4		7.4						
34.0	52.9	53.9	8.4	7.0						
36.0	47.5	52.2	7.3	6.0						
38.0	41.5	50.1	6.3	5.2						
40.0	34.7	47.5	5.5	4.4						
42.0	26.2	44.0	4.7	3.7						
44.0	15.4	38.6	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]: 54.0
 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]
32.0 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 [°]										
9.2	78.0	56.7	15.1	30.1						
10.0	75.7	56.5	15.1	29.8						
11.0	73.0	56.2	15.1	26.9						
12.0	70.2	55.8	15.1	22.5						
13.0	67.4	55.4	15.1	19.5						
14.0	64.5	54.9	15.1	17.0						
16.0	58.5	53.8	13.7	13.4						
18.0	52.1	52.3	11.0	10.8						
20.0	44.9	50.5	9.0	8.9						
22.0	36.7	48.1	7.3	7.4						
24.0	26.1	44.8	6.2	6.3						
Ángulo de pluma principal 83.0 [°]										
13.8	73.0	55.8		24.7						
14.0	72.6	55.8	15.1	24.7						
16.0	67.0	55.0	15.1	19.1						
18.0	61.1	54.0	15.1	14.8						
20.0	54.8	52.7	12.5	11.8						
22.0	48.0	51.0	10.4	9.7						
24.0	40.3	48.9	8.4	8.0						
26.0	31.0	46.0	6.9	6.8						
Ángulo de pluma principal 75.0 [°]										
21.1	65.0	53.7		16.3						
22.0	62.5	53.2	15.1	15.6						
24.0	56.3	52.0	14.0	12.3						
26.0	49.6	50.4	11.0	10.2						
28.0	42.2	48.4	8.8	8.4						
30.0	33.3	45.8	7.3	7.1						
Ángulo de pluma principal 65.0 [°]										
29.7	55.0	49.5		9.3						
30.0	54.0	49.4	11.9	9.1						
32.0	47.1	47.7	10.2	7.8						
34.0	39.3	45.5	8.3	6.6						
36.0	29.6	42.5	7.0	5.6						
38.0	17.2	37.7	5.9							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
11.1	78.0	65.5	15.1	30.1						
12.0	76.3	65.3	15.1	30.1						
13.0	74.3	65.0	15.1	30.1						
14.0	72.4	64.7	15.1	27.8						
16.0	68.5	63.9	15.1	23.3						
18.0	64.4	63.0	15.1	19.0						
20.0	60.2	61.9	14.7	16.2						
22.0	55.7	60.6	13.6	13.9						
24.0	51.1	59.1	12.7	12.2						
26.0	46.0	57.3	11.1	10.7						
28.0	40.5	55.1	9.5	9.4						
30.0	34.2	52.4	8.3	8.4						
32.0	26.6	49.0	7.4	7.5						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	64.5		28.5						
18.0	70.1	64.0	15.1	25.4						
20.0	66.1	63.1	15.1	20.7						
22.0	62.0	62.1	15.1	17.3						
24.0	57.6	60.9	14.1	14.8						
26.0	53.1	59.5	13.3	12.8						
28.0	48.2	57.8	11.9	11.3						
30.0	42.9	55.7	10.2	10.0						
32.0	37.0	53.3	8.8	8.8						
34.0	30.0	50.2	7.8	7.9						
36.0	21.0	46.0	6.9	7.1						
Ángulo de pluma principal 75.0 [°]										
25.0	65.0	61.8		15.1						
26.0	62.9	61.3	15.1	14.1						
28.0	58.6	60.2	14.8	12.4						
30.0	54.1	58.8	13.1	10.9						
32.0	49.3	57.2	11.7	9.6						
34.0	44.1	55.2	10.4	8.4						
36.0	38.4	52.9	9.2	7.4						
38.0	31.7	50.0	8.2	6.5						
40.0	23.4	46.1	7.2	5.7						
Ángulo de pluma principal 65.0 [°]										
34.9	55.0	56.9		6.4						
36.0	52.5	56.2	7.0	5.9						
38.0	47.6	54.4	6.0	5.0						
40.0	42.2	52.4	5.2	4.3						
42.0	36.2	49.9	4.4	3.6						
44.0	29.1	46.7	3.7	3.0						
46.0	19.6	42.3	3.0	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]: 54.0
 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]
32.0 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 [°]										
9.2	78.0	56.7		30.1						
10.0	75.9	56.5	15.1	30.1						
11.0	73.2	56.2	15.1	29.8						
12.0	70.4	55.8	15.1	28.4						
13.0	67.6	55.4	15.1	25.9						
14.0	64.7	54.9	15.1	22.3						
16.0	58.7	53.8	15.0	17.5						
18.0	52.2	52.4	14.9	14.2						
20.0	45.1	50.5	12.8	11.7						
22.0	36.9	48.2	10.2	9.7						
24.0	26.3	44.8	8.4	8.2						
Ángulo de pluma principal 83.0 [°]										
13.9	73.0	55.8		30.1						
14.0	72.7	55.8	15.1	30.1						
16.0	67.1	55.0	15.1	25.3						
18.0	61.3	54.0	15.1	19.4						
20.0	55.0	52.7	15.1	15.4						
22.0	48.2	51.1	14.0	12.7						
24.0	40.5	48.9	11.3	10.5						
26.0	31.2	46.1	9.2	8.9						
Ángulo de pluma principal 75.0 [°]										
21.2	65.0	53.7		15.7						
22.0	62.6	53.3	15.1	14.4						
24.0	56.5	52.0	15.1	11.9						
26.0	49.8	50.5	14.0	9.9						
28.0	42.3	48.5	11.8	8.1						
30.0	33.5	45.8	9.8	6.7						
Ángulo de pluma principal 65.0 [°]										
29.8	55.0	49.5		6.3						
30.0	54.2	49.4	8.2	6.1						
32.0	47.3	47.7	6.6	4.8						
34.0	39.5	45.5	5.2	3.7						
36.0	29.8	42.6	4.0	2.8						
38.0	17.6	37.8	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]: 54.0
 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]
32.0 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 [°]										
9.8	78.0	59.6	15.1	30.1						
10.0	77.5	59.6	15.1	30.1						
11.0	75.1	59.3	15.1	27.0						
12.0	72.7	59.0	15.1	23.1						
13.0	70.3	58.6	15.1	19.9						
14.0	67.8	58.2	15.0	17.6						
16.0	62.7	57.3	14.7	14.1						
18.0	57.3	56.0	12.5	11.7						
20.0	51.6	54.6	10.3	9.9						
22.0	45.3	52.7	8.7	8.4						
24.0	38.2	50.4	7.3	7.2						
26.0	29.7	47.4	6.3	6.3						
Ángulo de pluma principal 83.0 [°]										
14.7	73.0	58.7		21.9						
16.0	69.9	58.3	15.1	19.5						
18.0	64.9	57.4	14.8	15.3						
20.0	59.6	56.3	13.7	12.7						
22.0	54.1	54.9	11.1	10.6						
24.0	48.0	53.3	9.4	9.1						
26.0	41.3	51.2	7.9	7.7						
28.0	33.5	48.5	6.7	6.7						
30.0	23.4	44.8	5.9	5.9						
Ángulo de pluma principal 75.0 [°]										
22.4	65.0	56.4		14.7						
24.0	60.8	55.6	14.2	13.1						
26.0	55.4	54.3	11.6	11.0						
28.0	49.5	52.7	9.7	9.4						
30.0	42.9	50.7	8.2	8.0						
32.0	35.4	48.2	7.0	6.9						
34.0	26.0	44.8	6.1	6.1						
Ángulo de pluma principal 65.0 [°]										
31.4	55.0	52.0		8.4						
32.0	53.4	51.6	10.4	8.1						
34.0	47.3	49.9	9.1	7.0						
36.0	40.5	47.8	7.7	6.0						
38.0	32.5	45.0	6.7	5.1						
40.0	21.9	41.1	5.9	4.3						
41.0	16.0	38.1	5.4							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
9.8	78.0	59.6		30.1						
10.0	77.6	59.6	15.1	30.1						
11.0	75.2	59.3	15.1	30.1						
12.0	72.8	59.0	15.1	28.9						
13.0	70.4	58.7	15.1	25.8						
14.0	67.9	58.3	15.1	23.1						
16.0	62.8	57.3	15.1	18.0						
18.0	57.5	56.1	14.0	14.7						
20.0	51.8	54.6	12.7	12.2						
22.0	45.5	52.8	10.8	10.3						
24.0	38.4	50.5	8.8	8.6						
26.0	29.9	47.5	7.4	7.4						
Ángulo de pluma principal 83.0 [°]										
14.8	73.0	58.7	15.1	28.6						
16.0	70.0	58.3	15.1	25.9						
18.0	65.0	57.4	15.1	19.9						
20.0	59.8	56.3	14.6	16.0						
22.0	54.2	55.0	12.4	13.1						
24.0	48.2	53.3	10.7	11.1						
26.0	41.5	51.2	8.9	9.3						
28.0	33.7	48.6	7.4	8.0						
30.0	23.6	44.8	6.3	6.7						
Ángulo de pluma principal 75.0 [°]										
22.5	65.0	56.4	15.1	14.1						
24.0	61.0	55.6	15.1	12.2						
26.0	55.5	54.3	13.9	10.2						
28.0	49.6	52.7	11.8	8.5						
30.0	43.1	50.7	10.0	7.0						
32.0	35.6	48.2	8.4	5.8						
34.0	26.2	44.8	6.9	4.7						
Ángulo de pluma principal 65.0 [°]										
31.5	55.0	52.0		5.2						
32.0	53.5	51.7	6.5	4.9						
34.0	47.4	50.0	5.2	3.8						
36.0	40.6	47.8	4.0	2.9						
38.0	32.6	45.1	2.9	2.1						
39.0	29.0	43.3	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]: 54.0
 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]
32.0 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 [°]										
10.4	78.0	62.5	15.1	28.5						
11.0	76.7	62.4	15.1	28.5						
12.0	74.6	62.1	15.1	24.1						
13.0	72.5	61.8	15.1	21.0						
14.0	70.3	61.5	15.1	18.4						
16.0	65.9	60.6	14.3	14.8						
18.0	61.2	59.6	13.5	12.3						
20.0	56.4	58.3	10.8	10.2						
22.0	51.2	56.8	8.7	8.6						
24.0	45.7	55.0	7.4	7.3						
26.0	39.4	52.7	6.3	6.3						
28.0	32.2	49.9	5.4	5.5						
30.0	22.9	46.1	4.7	4.8						
Ángulo de pluma principal 83.0 [°]										
15.6	73.0	61.6		20.1						
16.0	72.1	61.5	15.1	20.1						
18.0	67.7	60.7	15.1	16.2						
20.0	63.2	59.7	12.6	13.1						
22.0	58.5	58.6	10.5	10.9						
24.0	53.4	57.2	8.6	9.1						
26.0	48.1	55.5	7.3	7.9						
28.0	42.1	53.4	6.3	6.7						
30.0	35.4	50.9	5.4	5.8						
32.0	27.2	47.6	4.8	5.1						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	59.1		13.5						
24.0	64.2	59.0	13.8	13.4						
26.0	59.6	57.9	11.5	11.4						
28.0	54.6	56.5	9.4	9.6						
30.0	49.3	54.9	7.9	8.2						
32.0	43.5	52.9	6.8	7.0						
34.0	37.0	50.5	5.8	6.1						
36.0	29.3	47.4	5.1	5.4						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	54.4		7.5						
34.0	52.8	53.9	8.9	7.0						
36.0	47.4	52.2	7.8	6.1						
38.0	41.4	50.1	6.7	5.2						
40.0	34.5	47.5	5.8	4.5						
42.0	26.0	44.0	5.1	3.8						
44.0	15.1	38.4	4.4							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
10.5	78.0	62.6	15.1	30.1						
11.0	76.9	62.4	15.1	30.1						
12.0	74.7	62.2	15.1	28.5						
13.0	72.6	61.8	15.1	25.5						
14.0	70.4	61.5	15.1	22.1						
16.0	66.0	60.6	14.6	17.5						
18.0	61.4	59.6	14.0	14.2						
20.0	56.5	58.4	11.3	11.7						
22.0	51.4	56.8	9.2	9.8						
24.0	45.8	55.0	7.8	8.3						
26.0	39.6	52.8	6.6	7.0						
28.0	32.4	50.0	5.6	6.0						
30.0	23.1	46.1	4.7	5.0						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	61.6	15.1	24.4						
16.0	72.2	61.5	15.1	24.3						
18.0	67.9	60.7	15.1	19.3						
20.0	63.3	59.8	15.1	15.4						
22.0	58.6	58.6	13.5	12.7						
24.0	53.6	57.2	11.1	10.6						
26.0	48.2	55.5	9.3	9.0						
28.0	42.3	53.5	7.7	7.6						
30.0	35.6	50.9	6.4	6.5						
32.0	27.4	47.6	5.5	5.5						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	59.1		12.8						
24.0	64.4	59.0	15.1	12.5						
26.0	59.7	57.9	13.6	10.4						
28.0	54.7	56.6	11.2	8.7						
30.0	49.5	54.9	9.3	7.3						
32.0	43.7	53.0	7.8	6.1						
34.0	37.2	50.6	6.6	5.0						
36.0	29.4	47.5	5.6	4.0						
Ángulo de pluma principal 65.0 [°]										
33.2	55.0	54.4		4.4						
34.0	52.9	53.9	5.2	3.9						
36.0	47.5	52.2	4.0	3.0						
38.0	41.5	50.1	3.0	2.2						
40.0	35.4	47.5	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
11.0	78.0	65.5		25.9						
12.0	76.1	65.2	15.1	24.7						
13.0	74.2	65.0	15.1	21.4						
14.0	72.3	64.6	15.1	18.9						
16.0	68.3	63.9	14.9	15.2						
18.0	64.3	63.0	12.9	12.5						
20.0	60.0	61.9	11.3	10.5						
22.0	55.6	60.6	9.2	8.8						
24.0	50.9	59.0	7.6	7.6						
26.0	45.9	57.2	6.5	6.6						
28.0	40.4	55.0	5.6	5.7						
30.0	34.1	52.4	4.9	5.0						
32.0	26.5	48.9	4.3	4.4						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	64.4	15.1	18.2						
18.0	70.0	63.9	15.1	16.5						
20.0	66.0	63.1	14.1	13.5						
22.0	61.8	62.1	12.0	11.3						
24.0	57.5	60.8	10.0	9.5						
26.0	52.9	59.4	8.2	8.1						
28.0	48.1	57.7	7.0	7.0						
30.0	42.8	55.7	6.1	6.1						
32.0	36.8	53.3	5.3	5.3						
34.0	29.9	50.2	4.6	4.7						
36.0	20.8	45.9	4.0	4.1						
Ángulo de pluma principal 75.0 [°]										
24.9	65.0	61.8		12.2						
26.0	62.8	61.3	12.8	11.7						
28.0	58.5	60.1	10.4	9.9						
30.0	54.0	58.8	8.6	8.4						
32.0	49.2	57.1	7.3	7.3						
34.0	44.0	55.2	6.3	6.3						
36.0	38.3	52.9	5.5	5.5						
38.0	31.6	50.0	4.8	4.9						
40.0	23.2	46.1	4.2	4.3						
Ángulo de pluma principal 65.0 [°]										
34.9	55.0	56.9		6.8						
36.0	52.4	56.1	7.9	6.2						
38.0	47.5	54.4	6.9	5.4						
40.0	42.1	52.3	6.0	4.6						
42.0	36.1	49.8	5.2	4.0						
44.0	28.9	46.6	4.5	3.4						
46.0	19.5	42.2	3.8	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]: 54.0
 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]
32.0 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 [°]										
11.1	78.0	65.5	15.1	30.1						
12.0	76.3	65.3	15.1	30.1						
13.0	74.3	65.0	15.1	30.1						
14.0	72.4	64.7	15.1	27.9						
16.0	68.5	63.9	15.1	22.6						
18.0	64.4	63.0	15.1	18.5						
20.0	60.2	61.9	14.7	15.6						
22.0	55.7	60.6	12.9	13.3						
24.0	51.1	59.1	11.5	11.6						
26.0	46.0	57.3	10.0	10.2						
28.0	40.5	55.1	8.6	8.9						
30.0	34.2	52.4	7.5	7.9						
32.0	26.6	49.0	5.9	6.2						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	64.5		25.3						
18.0	70.1	64.0	15.1	22.1						
20.0	66.1	63.1	15.1	18.5						
22.0	62.0	62.1	15.1	15.7						
24.0	57.6	60.9	13.9	13.3						
26.0	53.1	59.5	12.6	11.4						
28.0	48.2	57.8	11.3	9.7						
30.0	42.9	55.7	9.7	8.3						
32.0	37.0	53.3	8.3	7.1						
34.0	30.0	50.2	7.3	6.0						
36.0	21.0	46.0	6.3	5.1						
Ángulo de pluma principal 75.0 [°]										
25.0	65.0	61.8		11.4						
26.0	62.9	61.3	13.5	10.5						
28.0	58.6	60.2	11.5	8.8						
30.0	54.1	58.8	9.8	7.4						
32.0	49.3	57.2	8.3	6.1						
34.0	44.1	55.2	6.9	5.1						
36.0	38.4	52.9	5.7	4.1						
38.0	31.7	50.0	4.6	3.3						
40.0	23.4	46.1	3.6	2.5						
Ángulo de pluma principal 65.0 [°]										
34.9	55.0	56.9		3.4						
36.0	52.5	56.2	3.8	2.9						
38.0	47.6	54.4	2.8	2.1						
39.0	45.4	53.5	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]: 54.0
 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]
32.0 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 [°]										
11.7	78.0	68.4	15.1	23.5						
12.0	77.4	68.3	15.1	23.5						
13.0	75.7	68.1	15.1	21.8						
14.0	73.9	67.8	15.1	19.2						
16.0	70.3	67.1	15.1	15.4						
18.0	66.7	66.3	13.6	12.8						
20.0	62.9	65.3	11.3	10.7						
22.0	59.1	64.2	9.5	9.2						
24.0	55.0	62.8	7.9	7.8						
26.0	50.7	61.3	6.7	6.8						
28.0	46.1	59.5	5.8	5.9						
30.0	41.1	57.3	5.1	5.1						
32.0	35.6	54.7	4.4	4.5						
34.0	29.1	51.5	3.9	4.0						
36.0	20.7	47.2	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	67.3	15.1	16.7						
18.0	71.8	67.1	15.1	16.6						
20.0	68.2	66.4	14.1	13.8						
22.0	64.5	65.4	11.7	11.5						
24.0	60.7	64.4	9.7	9.8						
26.0	56.7	63.1	8.1	8.3						
28.0	52.5	61.7	6.9	7.2						
30.0	48.1	60.0	6.0	6.3						
32.0	43.3	58.0	5.3	5.5						
34.0	38.0	55.6	4.6	4.8						
36.0	31.9	52.7	4.1	4.3						
38.0	24.5	48.9	3.6	3.8						
Ángulo de pluma principal 75.0 [°]										
26.2	65.0	64.5		11.1						
28.0	61.6	63.6	10.7	10.2						
30.0	57.6	62.4	8.9	8.7						
32.0	53.5	61.0	7.5	7.5						
34.0	49.1	59.4	6.5	6.6						
36.0	44.4	57.5	5.7	5.7						
38.0	39.2	55.2	4.9	5.0						
40.0	33.4	52.4	4.3	4.4						
42.0	26.4	48.9	3.9	3.9						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	59.4		5.9						
38.0	52.0	58.4	6.7	5.4						
40.0	47.5	56.6	5.8	4.6						
42.0	42.7	54.6	5.0	4.0						
44.0	37.3	52.2	4.3	3.4						
46.0	31.1	49.2	3.7	2.8						
48.0	23.5	45.3	3.1	2.3						
49.0	18.5	42.7	2.8	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
11.7	78.0	68.4		30.1						
12.0	77.5	68.4	15.1	30.1						
13.0	75.8	68.1	15.1	29.4						
14.0	74.0	67.8	15.1	26.8						
16.0	70.4	67.1	15.1	21.3						
18.0	66.8	66.3	14.8	17.6						
20.0	63.1	65.4	14.4	14.8						
22.0	59.2	64.2	13.0	12.7						
24.0	55.1	62.9	10.9	10.9						
26.0	50.8	61.3	9.3	9.6						
28.0	46.2	59.5	8.1	8.4						
30.0	41.3	57.4	7.0	7.3						
32.0	35.7	54.8	6.2	6.5						
34.0	29.2	51.6	5.2	5.4						
36.0	20.8	47.3	4.1	4.2						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	67.3		23.4						
18.0	71.9	67.1	15.1	22.3						
20.0	68.3	66.4	15.1	18.8						
22.0	64.6	65.5	15.1	15.9						
24.0	60.8	64.4	14.8	13.6						
26.0	56.8	63.2	12.4	11.7						
28.0	52.6	61.7	10.4	10.0						
30.0	48.2	60.0	9.0	8.6						
32.0	43.4	58.0	7.8	7.4						
34.0	38.1	55.6	6.8	6.3						
36.0	32.1	52.7	6.0	5.3						
38.0	24.7	49.0	5.3	4.5						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	64.5		10.3						
28.0	61.7	63.7	11.4	8.9						
30.0	57.7	62.5	9.8	7.5						
32.0	53.6	61.1	8.3	6.3						
34.0	49.2	59.4	7.0	5.2						
36.0	44.5	57.5	5.8	4.3						
38.0	39.4	55.2	4.7	3.5						
40.0	33.5	52.5	3.7	2.7						
42.0	26.5	49.0	2.9	2.0						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	59.4		2.7						
38.0	52.1	58.4	2.8	2.2						
39.0	50.2	57.6	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]: 54.0
 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]
32.0 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 [°]										
12.3	78.0	71.3	15.1	22.9						
13.0	76.8	71.2	15.1	22.9						
14.0	75.2	70.9	15.1	20.5						
16.0	72.0	70.3	15.1	16.6						
18.0	68.7	69.6	15.1	14.0						
20.0	65.3	68.7	12.4	11.7						
22.0	61.8	67.6	10.4	10.1						
24.0	58.2	66.5	8.9	8.7						
26.0	54.5	65.1	7.6	7.5						
28.0	50.5	63.5	6.5	6.6						
30.0	46.3	61.7	5.8	5.9						
32.0	41.8	59.6	5.1	5.2						
34.0	36.7	57.1	4.5	4.6						
36.0	31.0	54.1	4.0	4.1						
38.0	24.1	50.2	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
18.2	73.0	70.2		16.3						
20.0	70.1	69.6	15.0	15.0						
22.0	66.7	68.8	13.7	12.6						
24.0	63.3	67.8	11.2	10.6						
26.0	59.7	66.7	9.5	9.2						
28.0	56.1	65.4	8.1	8.0						
30.0	52.2	63.9	7.0	7.0						
32.0	48.1	62.2	6.1	6.2						
34.0	43.7	60.2	5.4	5.5						
36.0	38.9	57.9	4.8	4.9						
38.0	33.5	55.1	4.2	4.4						
40.0	27.2	51.7	3.8	3.9						
Ángulo de pluma principal 75.0 [°]										
27.5	65.0	67.2		10.9						
28.0	64.1	67.0	11.3	10.9						
30.0	60.6	65.9	9.8	9.6						
32.0	56.9	64.7	8.4	8.4						
34.0	53.1	63.3	7.2	7.3						
36.0	49.0	61.6	6.4	6.5						
38.0	44.7	59.7	5.6	5.7						
40.0	40.0	57.5	4.9	5.1						
42.0	34.8	54.8	4.4	4.5						
44.0	28.8	51.5	4.0	4.1						
46.0	21.1	47.2	3.5	3.6						
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	61.8		5.3						
40.0	51.7	60.6	5.7	4.6						
42.0	47.6	58.9	5.0	4.0						
44.0	43.1	56.9	4.3	3.4						
46.0	38.3	54.5	3.6	2.9						
48.0	32.8	51.7	3.0	2.4						
50.0	27.1	48.1	2.5							
51.0	23.4	45.9	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]: 54.0
 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]
32.0 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 [°]										
12.3	78.0	71.4		28.6						
13.0	76.9	71.2	15.1	28.6						
14.0	75.3	70.9	15.1	25.2						
16.0	72.1	70.3	15.1	20.1						
18.0	68.8	69.6	15.1	16.6						
20.0	65.4	68.7	13.5	13.9						
22.0	61.9	67.7	12.4	11.9						
24.0	58.3	66.5	10.6	10.2						
26.0	54.6	65.1	8.9	8.8						
28.0	50.6	63.6	7.6	7.7						
30.0	46.4	61.7	6.6	6.7						
32.0	41.9	59.6	5.7	5.8						
34.0	36.9	57.2	4.9	5.1						
36.0	31.2	54.1	4.2	4.2						
38.0	24.2	50.3	3.2	3.2						
Ángulo de pluma principal 83.0 [°]										
18.3	73.0	70.2	15.1	19.8						
20.0	70.2	69.6	15.1	17.9						
22.0	66.8	68.8	14.7	15.0						
24.0	63.4	67.8	13.0	12.6						
26.0	59.8	66.7	11.5	10.9						
28.0	56.2	65.4	9.6	9.4						
30.0	52.3	63.9	8.1	8.2						
32.0	48.2	62.2	7.1	7.2						
34.0	43.8	60.3	6.1	6.2						
36.0	39.0	57.9	5.3	5.4						
38.0	33.7	55.2	4.7	4.5						
40.0	27.3	51.7	4.1	3.7						
Ángulo de pluma principal 75.0 [°]										
27.5	65.0	67.3		9.1						
28.0	64.2	67.1	11.1	8.7						
30.0	60.7	66.0	9.5	7.4						
32.0	57.0	64.7	8.0	6.3						
34.0	53.2	63.3	6.7	5.2						
36.0	49.1	61.7	5.6	4.2						
38.0	44.8	59.7	4.5	3.4						
40.0	40.2	57.5	3.6	2.7						
42.0	34.9	54.9	2.7	2.0						
Ángulo de pluma principal 65.0 [°]										
38.5	55.0	61.8	2.4							
39.0	54.0	61.4	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]: 54.0
 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]
32.0 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 [°]										
12.9	78.0	74.3	15.1	24.0						
13.0	77.9	74.3	15.1	24.0						
14.0	76.4	74.0	15.1	23.4						
16.0	73.4	73.5	15.1	19.3						
18.0	70.4	72.8	15.1	16.1						
20.0	67.3	72.0	14.0	13.8						
22.0	64.1	71.0	12.1	11.8						
24.0	60.9	70.0	10.7	10.3						
26.0	57.5	68.7	9.2	9.1						
28.0	54.0	67.3	8.0	8.0						
30.0	50.3	65.8	7.1	7.2						
32.0	46.4	63.9	6.3	6.5						
34.0	42.3	61.9	5.7	5.8						
36.0	37.7	59.4	5.1	5.2						
38.0	32.6	56.6	4.6	4.8						
40.0	26.7	53.0	4.2	4.4						
42.0	19.0	48.3	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
19.1	73.0	73.0		17.4						
20.0	71.6	72.8	15.1	17.3						
22.0	68.6	72.0	15.1	14.6						
24.0	65.5	71.1	13.3	12.5						
26.0	62.2	70.1	11.3	10.9						
28.0	58.9	69.0	9.8	9.6						
30.0	55.5	67.6	8.5	8.5						
32.0	51.9	66.1	7.5	7.6						
34.0	48.1	64.4	6.7	6.8						
36.0	44.1	62.5	6.0	6.1						
38.0	39.7	60.2	5.4	5.5						
40.0	34.8	57.5	4.9	5.0						
42.0	29.3	54.3	4.4	4.6						
44.0	22.5	50.2	4.0	4.2						
Ángulo de pluma principal 75.0 [°]										
28.7	65.0	70.0		11.6						
30.0	63.0	69.4	11.4	10.7						
32.0	59.7	68.3	9.8	9.4						
34.0	56.3	67.0	8.6	8.4						
36.0	52.7	65.5	7.5	7.4						
38.0	49.0	63.8	6.8	6.6						
40.0	45.0	61.9	6.1	5.8						
42.0	40.7	59.8	5.4	5.1						
44.0	36.0	57.2	4.9	4.5						
46.0	30.6	54.1	4.5	3.9						
48.0	24.2	50.2	4.1	3.4						
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	64.3		4.5						
42.0	51.4	62.9	4.8	3.9						
44.0	47.6	61.1	4.1	3.3						
46.0	43.5	59.1	3.5	2.8						
48.0	39.1	56.8	2.9	2.3						
50.0	34.7	54.1	2.3							
51.0	32.1	52.5	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]: 54.0
 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]
32.0 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 [°]										
11.0	78.0	65.5		21.4						
12.0	76.1	65.2	15.1	20.8						
13.0	74.2	65.0	15.1	18.0						
14.0	72.3	64.6	15.0	15.9						
16.0	68.3	63.9	14.4	12.7						
18.0	64.3	63.0	10.9	10.1						
20.0	60.0	61.9	8.6	8.3						
22.0	55.6	60.6	7.0	6.8						
24.0	50.9	59.0	5.7	5.7						
26.0	45.9	57.2	4.8	4.8						
28.0	40.4	55.0	4.0	4.0						
30.0	34.1	52.4	3.4	3.4						
32.0	26.5	48.9	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	64.4	15.1	15.1						
18.0	70.0	63.9	14.9	13.9						
20.0	66.0	63.1	12.1	11.0						
22.0	61.8	62.1	9.3	9.0						
24.0	57.5	60.8	7.6	7.4						
26.0	52.9	59.4	6.2	6.2						
28.0	48.1	57.7	5.2	5.2						
30.0	42.8	55.7	4.4	4.4						
32.0	36.8	53.3	3.7	3.8						
34.0	29.9	50.2	3.2	3.2						
36.0	20.8	45.9	2.7	2.7						
Ángulo de pluma principal 75.0 [°]										
24.9	65.0	61.8		9.6						
26.0	62.8	61.3	9.9	9.4						
28.0	58.5	60.1	7.9	7.8						
30.0	54.0	58.8	6.5	6.5						
32.0	49.2	57.1	5.5	5.5						
34.0	44.0	55.2	4.7	4.7						
36.0	38.3	52.9	3.9	4.0						
38.0	31.6	50.0	3.4	3.5						
40.0	23.2	46.1	2.9	3.0						
Ángulo de pluma principal 65.0 [°]										
34.9	55.0	56.9		4.4						
36.0	52.4	56.1	5.3	3.9						
38.0	47.5	54.4	4.3	3.1						
40.0	42.1	52.3	3.4	2.4						
42.0	36.6	49.8	2.5							
43.0	33.4	48.3	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]: 54.0
 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]
32.0 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 [°]										
13.0	78.0	74.3	15.1	28.5						
14.0	76.5	74.1	15.1	27.8						
16.0	73.5	73.5	15.1	22.4						
18.0	70.5	72.8	15.1	18.4						
20.0	67.4	72.0	14.5	15.7						
22.0	64.2	71.1	13.2	13.4						
24.0	61.0	70.0	12.3	11.7						
26.0	57.6	68.8	10.5	10.2						
28.0	54.1	67.4	9.0	8.9						
30.0	50.4	65.8	7.8	7.9						
32.0	46.5	64.0	6.7	6.9						
34.0	42.4	61.9	5.7	5.9						
36.0	37.8	59.5	4.8	5.0						
38.0	32.7	56.6	4.0	4.2						
40.0	26.8	53.1	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	73.1	15.1	19.9						
20.0	71.7	72.8	15.1	18.9						
22.0	68.7	72.0	15.1	15.9						
24.0	65.5	71.2	14.1	13.6						
26.0	62.3	70.2	12.8	11.6						
28.0	59.0	69.0	11.2	10.0						
30.0	55.6	67.7	9.6	8.7						
32.0	52.0	66.2	8.3	7.5						
34.0	48.2	64.5	7.3	6.4						
36.0	44.2	62.5	6.4	5.4						
38.0	39.8	60.2	5.7	4.6						
40.0	35.0	57.6	5.0	3.8						
42.0	29.4	54.4	4.2	3.1						
44.0	22.6	50.2	3.4	2.5						
Ángulo de pluma principal 75.0 [°]										
28.8	65.0	70.0		8.0						
30.0	63.1	69.4	9.2	7.2						
32.0	59.8	68.3	7.8	6.1						
34.0	56.4	67.0	6.6	5.1						
36.0	52.8	65.5	5.4	4.2						
38.0	49.1	63.9	4.4	3.4						
40.0	45.1	62.0	3.5	2.7						
42.0	41.2	59.8	2.6							
43.0	39.0	58.6	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]: 54.0
 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]
32.0 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 [°]										
11.7	78.0	68.4	15.1	19.1						
12.0	77.4	68.3	15.1	19.1						
13.0	75.7	68.1	15.1	18.0						
14.0	73.9	67.8	15.1	15.9						
16.0	70.3	67.1	13.2	12.6						
18.0	66.7	66.3	11.0	10.2						
20.0	62.9	65.3	8.6	8.3						
22.0	59.1	64.2	7.0	6.9						
24.0	55.0	62.8	5.7	5.7						
26.0	50.7	61.3	4.7	4.8						
28.0	46.1	59.5	4.0	4.1						
30.0	41.1	57.3	3.4	3.4						
32.0	35.6	54.7	2.8	2.9						
34.0	29.1	51.5	2.3	2.4						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	67.3	15.0	13.5						
18.0	71.8	67.1	15.0	13.4						
20.0	68.2	66.4	12.0	11.0						
22.0	64.5	65.4	9.4	8.9						
24.0	60.7	64.4	7.5	7.4						
26.0	56.7	63.1	6.2	6.2						
28.0	52.5	61.7	5.2	5.2						
30.0	48.1	60.0	4.4	4.4						
32.0	43.3	58.0	3.7	3.8						
34.0	38.0	55.6	3.1	3.2						
36.0	31.9	52.7	2.7	2.7						
38.0	24.5	48.9	2.3	2.3						
Ángulo de pluma principal 75.0 [°]										
26.2	65.0	64.5		8.4						
28.0	61.6	63.6	7.9	7.8						
30.0	57.6	62.4	6.6	6.5						
32.0	53.5	61.0	5.5	5.5						
34.0	49.1	59.4	4.7	4.7						
36.0	44.4	57.5	3.9	4.0						
38.0	39.2	55.2	3.3	3.4						
40.0	33.4	52.4	2.8	2.9						
42.0	26.4	48.9	2.5	2.5						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	59.4		3.7						
38.0	52.0	58.4	4.2	3.1						
40.0	47.5	56.6	3.3	2.4						
42.0	43.1	54.6	2.5							
43.0	40.5	53.4	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]: 54.0
 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]
32.0 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 [°]										
13.6	78.0	77.2	15.1	28.2						
14.0	77.4	77.1	15.1	28.2						
16.0	74.7	76.6	15.1	23.9						
18.0	71.9	76.0	15.1	20.0						
20.0	69.0	75.2	15.1	17.1						
22.0	66.1	74.4	13.7	14.7						
24.0	63.2	73.4	12.4	12.8						
26.0	60.1	72.3	11.3	11.4						
28.0	57.0	71.0	9.8	10.0						
30.0	53.7	69.6	8.5	8.9						
32.0	50.3	68.0	7.5	8.0						
34.0	46.7	66.2	6.3	6.6						
36.0	42.8	64.2	5.0	5.3						
38.0	38.6	61.8	3.9	4.1						
40.0	34.0	59.0	3.0	3.2						
Ángulo de pluma principal 83.0 [°]										
20.0	73.0	75.9		18.6						
22.0	70.2	75.3	15.1	15.7						
24.0	67.4	74.5	15.1	13.4						
26.0	64.4	73.5	13.5	11.5						
28.0	61.4	72.5	12.4	9.9						
30.0	58.3	71.3	10.8	8.5						
32.0	55.1	69.9	9.4	7.4						
34.0	51.7	68.4	8.2	6.3						
36.0	48.2	66.7	7.0	5.4						
38.0	44.5	64.8	5.9	4.5						
40.0	40.4	62.5	5.0	3.7						
42.0	36.0	60.0	4.1	3.0						
44.0	31.1	56.9	3.2	2.4						
46.0	26.0	53.1	2.5							
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	72.7		6.9						
32.0	62.1	71.7	7.4	5.8						
34.0	59.0	70.6	6.2	4.9						
36.0	55.8	69.3	5.2	4.1						
38.0	52.5	67.8	4.2	3.3						
40.0	49.0	66.1	3.2	2.5						
42.0	45.6	64.2	2.4							
43.0	43.7	63.2	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
32.0 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 [°]										
11.7	78.0	68.4		30.1						
12.0	77.5	68.4	15.1	30.1						
13.0	75.8	68.1	15.1	30.1						
14.0	74.0	67.8	15.1	27.2						
16.0	70.4	67.1	15.1	21.8						
18.0	66.8	66.3	15.1	17.6						
20.0	63.1	65.4	15.1	14.5						
22.0	59.2	64.2	13.9	12.0						
24.0	55.1	62.9	9.4	9.2						
26.0	50.8	61.3	5.9	6.0						
28.0	46.2	59.5	3.8	3.9						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	67.3		18.9						
18.0	71.9	67.1	15.1	17.7						
20.0	68.3	66.4	15.1	14.2						
22.0	64.6	65.5	15.1	11.6						
24.0	60.8	64.4	14.2	9.5						
26.0	56.8	63.2	11.7	7.8						
28.0	52.6	61.7	9.6	6.4						
30.0	48.2	60.0	7.7	5.1						
32.0	43.4	58.0	5.8	4.0						
34.0	38.1	55.6	3.3	3.0						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	64.5		6.7						
28.0	61.7	63.7	7.7	5.4						
30.0	57.7	62.5	6.1	4.2						
32.0	53.6	61.1	4.6	3.2						
34.0	49.2	59.4	3.2	2.2						
35.0	47.3	58.5	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]: 54.0
 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]
32.0 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 [°]										
12.3	78.0	71.3	15.1	19.8						
13.0	76.8	71.2	15.1	19.8						
14.0	75.2	70.9	15.1	17.9						
16.0	72.0	70.3	14.3	14.5						
18.0	68.7	69.6	12.9	11.9						
20.0	65.3	68.7	10.3	9.8						
22.0	61.8	67.6	8.3	8.2						
24.0	58.2	66.5	7.0	7.0						
26.0	54.5	65.1	5.9	6.0						
28.0	50.5	63.5	5.1	5.2						
30.0	46.3	61.7	4.4	4.5						
32.0	41.8	59.6	3.9	3.9						
34.0	36.7	57.1	3.4	3.4						
36.0	31.0	54.1	2.7	2.7						
Ángulo de pluma principal 83.0 [°]										
18.2	73.0	70.2		14.0						
20.0	70.1	69.6	14.0	12.8						
22.0	66.7	68.8	11.2	10.6						
24.0	63.3	67.8	9.0	8.8						
26.0	59.7	66.7	7.5	7.5						
28.0	56.1	65.4	6.4	6.4						
30.0	52.2	63.9	5.5	5.6						
32.0	48.1	62.2	4.8	4.9						
34.0	43.7	60.2	4.2	4.3						
36.0	38.9	57.9	3.6	3.7						
38.0	33.5	55.1	3.2	3.3						
40.0	27.2	51.7	2.8	2.9						
Ángulo de pluma principal 75.0 [°]										
27.5	65.0	67.2		8.9						
28.0	64.1	67.0	9.0	8.9						
30.0	60.6	65.9	7.9	7.8						
32.0	56.9	64.7	6.8	6.8						
34.0	53.1	63.3	5.8	5.8						
36.0	49.0	61.6	5.1	5.0						
38.0	44.7	59.7	4.4	4.2						
40.0	40.0	57.5	3.8	3.5						
42.0	34.8	54.8	3.4	2.8						
44.0	28.8	51.5	3.0	2.2						
46.0	22.1	47.2	2.5							
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	61.8		3.1						
40.0	51.7	60.6	3.3	2.5						
42.0	47.9	58.9	2.5							
43.0	45.7	57.9	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]: 54.0
 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]
32.0 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 [°]										
12.3	78.0	71.4		28.6						
13.0	76.9	71.2	15.1	28.6						
14.0	75.3	70.9	15.1	27.2						
16.0	72.1	70.3	15.1	22.1						
18.0	68.8	69.6	15.1	17.9						
20.0	65.4	68.7	13.9	14.7						
22.0	61.9	67.7	12.5	12.1						
24.0	58.3	66.5	10.1	10.0						
26.0	54.6	65.1	6.9	6.9						
28.0	50.6	63.6	4.3	4.4						
30.0	46.4	61.7	2.8	3.0						
Ángulo de pluma principal 83.0 [°]										
18.3	73.0	70.2	15.1	17.2						
20.0	70.2	69.6	15.1	14.3						
22.0	66.8	68.8	15.1	11.6						
24.0	63.4	67.8	13.7	9.5						
26.0	59.8	66.7	11.5	7.8						
28.0	56.2	65.4	9.5	6.4						
30.0	52.3	63.9	7.7	5.2						
32.0	48.2	62.2	6.1	4.1						
34.0	43.8	60.3	4.4	3.1						
Ángulo de pluma principal 75.0 [°]										
27.5	65.0	67.3		5.6						
28.0	64.2	67.1	7.3	5.3						
30.0	60.7	66.0	5.7	4.1						
32.0	57.0	64.7	4.3	3.0						
34.0	53.2	63.3	3.1	2.2						
35.0	51.5	62.5	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]: 54.0
 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]
32.0 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 [°]										
12.9	78.0	74.3	15.1	16.9						
13.0	77.9	74.3	15.1	16.9						
14.0	76.4	74.0	15.1	16.8						
16.0	73.4	73.5	13.5	13.8						
18.0	70.4	72.8	11.3	11.1						
20.0	67.3	72.0	9.5	9.2						
22.0	64.1	71.0	7.7	7.6						
24.0	60.9	70.0	6.4	6.4						
26.0	57.5	68.7	5.4	5.4						
28.0	54.0	67.3	4.6	4.6						
30.0	50.3	65.8	3.9	4.0						
32.0	46.4	63.9	3.4	3.5						
34.0	42.3	61.9	2.9	3.0						
36.0	37.7	59.4	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
19.1	73.0	73.0		11.8						
20.0	71.6	72.8	11.8	11.8						
22.0	68.6	72.0	10.0	9.8						
24.0	65.5	71.1	8.3	8.2						
26.0	62.2	70.1	6.9	6.9						
28.0	58.9	69.0	5.8	5.9						
30.0	55.5	67.6	5.0	5.0						
32.0	51.9	66.1	4.3	4.3						
34.0	48.1	64.4	3.7	3.8						
36.0	44.1	62.5	3.2	3.2						
38.0	39.7	60.2	2.7	2.8						
40.0	34.8	57.5	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
28.7	65.0	70.0		7.4						
30.0	63.0	69.4	7.3	7.2						
32.0	59.7	68.3	6.1	6.1						
34.0	56.3	67.0	5.2	5.3						
36.0	52.7	65.5	4.5	4.5						
38.0	49.0	63.8	3.9	4.0						
40.0	45.0	61.9	3.3	3.4						
42.0	40.7	59.8	2.9	2.8						
44.0	36.0	57.2	2.5	2.3						
46.0	31.2	54.1	2.2							
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	64.3		2.4						
42.0	51.7	62.9	2.4							
43.0	49.8	62.0	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]: 54.0
 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]
32.0 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 [°]										
13.0	78.0	74.3	15.1	26.8						
14.0	76.5	74.1	15.1	26.8						
16.0	73.5	73.5	15.1	21.6						
18.0	70.5	72.8	15.1	17.8						
20.0	67.4	72.0	14.5	14.8						
22.0	64.2	71.1	12.4	12.3						
24.0	61.0	70.0	11.0	10.2						
26.0	57.6	68.8	7.9	8.0						
28.0	54.1	67.4	5.2	5.3						
30.0	50.4	65.8	3.0	3.1						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	73.1	15.1	15.7						
20.0	71.7	72.8	15.1	14.3						
22.0	68.7	72.0	15.1	11.7						
24.0	65.5	71.2	13.6	9.5						
26.0	62.3	70.2	11.2	7.8						
28.0	59.0	69.0	9.3	6.4						
30.0	55.6	67.7	7.6	5.2						
32.0	52.0	66.2	6.1	4.2						
34.0	48.2	64.5	4.7	3.2						
36.0	44.2	62.5	3.4	2.3						
Ángulo de pluma principal 75.0 [°]										
28.8	65.0	70.0		4.7						
30.0	63.1	69.4	5.4	4.0						
32.0	59.8	68.3	4.1	2.9						
34.0	56.4	67.0	2.9	2.1						
35.0	54.8	66.3	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]: 54.0
 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]
32.0 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 [°]										
13.5	78.0	77.2		15.0						
14.0	77.3	77.1	15.1	15.0						
16.0	74.6	76.6	13.7	12.7						
18.0	71.8	76.0	10.9	10.3						
20.0	69.0	75.2	8.6	8.5						
22.0	66.1	74.4	7.0	7.0						
24.0	63.1	73.4	5.8	5.8						
26.0	60.0	72.3	4.9	4.9						
28.0	56.9	71.0	4.1	4.2						
30.0	53.6	69.6	3.5	3.5						
32.0	50.2	68.0	2.9	3.0						
34.0	46.6	66.2	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
20.0	73.0	75.9	10.4	10.1						
22.0	70.2	75.2	9.4	9.2						
24.0	67.3	74.4	7.6	7.6						
26.0	64.3	73.5	6.3	6.3						
28.0	61.3	72.4	5.3	5.4						
30.0	58.2	71.3	4.5	4.6						
32.0	55.0	69.9	3.8	3.9						
34.0	51.6	68.4	3.2	3.3						
36.0	48.1	66.7	2.7	2.8						
38.0	44.4	64.7	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
30.0	65.0	72.7		6.1						
32.0	62.0	71.7	5.4	5.7						
34.0	58.9	70.5	4.6	4.8						
36.0	55.7	69.2	3.9	4.1						
38.0	52.4	67.8	3.3	3.5						
40.0	48.9	66.1	2.9	3.0						
42.0	45.2	64.2	2.4	2.6						
Ángulo de pluma principal 65.0 [°]										
41.9	55.0	66.7	2.5							
42.0	54.8	66.6	2.4							
43.0	53.1	65.9	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]: 54.0
 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]
32.0 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 [°]										
13.6	78.0	77.2	15.1	27.6						
14.0	77.4	77.1	15.1	27.6						
16.0	74.7	76.6	15.1	22.3						
18.0	71.9	76.0	15.1	18.1						
20.0	69.0	75.2	15.1	14.8						
22.0	66.1	74.4	12.9	12.3						
24.0	63.2	73.4	10.1	10.2						
26.0	60.1	72.3	7.9	8.4						
28.0	57.0	71.0	5.5	5.8						
30.0	53.7	69.6	3.4	3.6						
Ángulo de pluma principal 83.0 [°]										
20.0	73.0	75.9		14.1						
22.0	70.2	75.3	15.1	11.5						
24.0	67.4	74.5	13.1	9.4						
26.0	64.4	73.5	10.8	7.7						
28.0	61.4	72.5	8.9	6.3						
30.0	58.3	71.3	7.2	5.1						
32.0	55.1	69.9	5.8	4.0						
34.0	51.7	68.4	4.6	3.2						
36.0	48.2	66.7	3.4	2.3						
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	72.7		3.7						
32.0	62.1	71.7	3.7	2.7						
34.0	59.2	70.6	2.6							
35.0	57.6	69.9	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]: 54.0
 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]
32.0 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 [°]										
14.1	78.0	80.1		14.0						
16.0	75.6	79.7	14.0	12.9						
18.0	73.0	79.1	10.9	10.4						
20.0	70.4	78.4	8.6	8.5						
22.0	67.7	77.6	7.0	7.1						
24.0	65.0	76.7	5.8	5.9						
26.0	62.2	75.7	4.8	4.9						
28.0	59.3	74.6	4.1	4.2						
30.0	56.3	73.3	3.4	3.5						
32.0	53.3	71.8	2.9	3.0						
34.0	50.0	70.2	2.5	2.5						
Ángulo de pluma principal 83.0 [°]										
20.9	73.0	78.8	8.8	9.2						
22.0	71.5	78.4	8.8	9.1						
24.0	68.8	77.7	7.1	7.5						
26.0	66.1	76.8	6.0	6.3						
28.0	63.4	75.9	5.0	5.2						
30.0	60.5	74.8	4.3	4.5						
32.0	57.6	73.5	3.7	3.8						
34.0	54.6	72.2	3.1	3.2						
36.0	51.4	70.6	2.6	2.8						
38.0	48.1	68.9	2.2	2.4						
Ángulo de pluma principal 75.0 [°]										
31.3	65.0	75.4		5.4						
32.0	64.0	75.1	5.3	5.4						
34.0	61.2	74.0	4.7	4.8						
36.0	58.3	72.8	4.0	4.1						
38.0	55.3	71.5	3.4	3.5						
40.0	52.1	70.0	2.9	2.9						
42.0	48.9	68.3	2.4	2.5						
44.0	45.4	66.4	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]: 54.0
 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]
32.0 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 [°]										
14.8	78.0	83.1	11.8	12.8						
16.0	76.5	82.8	11.7	12.7						
18.0	74.1	82.3	10.2	10.2						
20.0	71.6	81.6	8.4	8.3						
22.0	69.2	80.9	6.9	6.9						
24.0	66.6	80.0	5.7	5.8						
26.0	64.0	79.1	4.7	4.8						
28.0	61.4	78.0	4.0	4.1						
30.0	58.7	76.9	3.4	3.5						
32.0	55.9	75.5	2.8	2.9						
34.0	53.0	74.1	2.3	2.4						
Ángulo de pluma principal 83.0 [°]										
21.7	73.0	81.7		8.2						
22.0	72.7	81.6	7.8	8.2						
24.0	70.2	80.9	7.0	7.4						
26.0	67.7	80.1	5.9	6.2						
28.0	65.1	79.2	4.9	5.2						
30.0	62.5	78.2	4.2	4.4						
32.0	59.8	77.1	3.6	3.8						
34.0	57.0	75.8	3.0	3.2						
36.0	54.2	74.4	2.5	2.7						
38.0	51.2	72.9	2.1	2.3						
Ángulo de pluma principal 75.0 [°]										
32.5	65.0	78.1		4.8						
34.0	63.1	77.4	4.6	4.7						
36.0	60.4	76.3	3.8	4.0						
38.0	57.7	75.1	3.3	3.4						
40.0	54.8	73.8	2.8	2.8						
42.0	51.9	72.2	2.3	2.4						
44.0	48.8	70.4		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]: 54.0
 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]
32.0 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 [°]										
15.4	78.0	86.0	9.3	10.5						
16.0	77.3	85.9	9.3	10.5						
18.0	75.0	85.4	8.4	9.3						
20.0	72.7	84.8	7.3	7.7						
22.0	70.4	84.1	6.0	6.2						
24.0	68.0	83.3	5.1	5.2						
26.0	65.6	82.4	4.2	4.3						
28.0	63.2	81.4	3.5	3.6						
30.0	60.7	80.4	2.9	3.0						
32.0	58.1	79.1	2.4	2.4						
Ángulo de pluma principal 83.0 [°]										
22.6	73.0	84.5		6.8						
24.0	71.4	84.1	6.6	6.7						
26.0	69.0	83.3	5.4	5.5						
28.0	66.6	82.5	4.6	4.7						
30.0	64.2	81.6	3.8	3.9						
32.0	61.7	80.5	3.1	3.3						
34.0	59.2	79.4	2.6	2.7						
Ángulo de pluma principal 75.0 [°]										
33.8	65.0	80.8		3.7						
34.0	64.8	80.8	3.6	3.7						
36.0	62.3	79.8	3.4	3.5						
38.0	59.8	78.6	2.8	2.9						
40.0	57.2	77.4	2.3	2.4						
41.0	55.8	76.7	2.1	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]: 54.0
 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]
35.0 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 [°]										
7.4	78.0	50.9	15.1	30.1						
8.0	75.2	50.7	15.1	30.1						
9.0	70.5	50.4	15.1	22.8						
10.0	65.7	49.9	15.1	17.3						
11.0	60.7	49.4	14.6	13.9						
12.0	55.3	48.7	12.4	11.4						
13.0	49.5	47.9	10.8	9.7						
14.0	43.1	46.8	9.1	8.4						
16.0	26.4	43.9	6.8	6.5						
Ángulo de pluma principal 83.0 [°]										
11.6	73.0	50.2	15.1	26.2						
12.0	71.0	50.1	15.1	23.6						
13.0	66.2	49.6	15.1	17.6						
14.0	61.2	49.1	14.9	14.1						
16.0	50.1	47.6	11.0	9.9						
18.0	36.5	45.4	7.7	7.4						
Ángulo de pluma principal 75.0 [°]										
18.1	65.0	48.4		16.1						
20.0	55.1	47.3	12.9	11.2						
22.0	42.9	45.4	8.9	8.3						
Ángulo de pluma principal 65.0 [°]										
25.8	55.0	44.9		11.0						
26.0	54.0	44.8	10.4	10.9						
28.0	41.5	42.9	7.5	8.0						
Ángulo de pluma principal 45.0 [°]										
38.8	35.0	34.1		4.2						
40.0	23.3	32.2	4.7	3.7						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
35.0 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 [°]										
8.0	78.0	53.8		30.1						
9.0	74.3	53.5	15.1	30.1						
10.0	70.5	53.2	15.1	23.3						
11.0	66.6	52.8	15.1	18.8						
12.0	62.6	52.2	15.1	15.6						
13.0	58.4	51.6	13.7	13.4						
14.0	54.0	50.9	12.2	11.6						
16.0	44.2	49.1	9.6	9.2						
18.0	31.9	46.5	7.6	7.5						
Ángulo de pluma principal 83.0 [°]										
12.5	73.0	53.1	15.1	26.4						
13.0	70.9	52.9	15.1	24.1						
14.0	67.0	52.5	15.1	19.1						
16.0	58.8	51.4	13.9	13.5						
18.0	49.8	49.9	11.1	10.4						
20.0	39.1	47.7	8.5	8.3						
22.0	24.4	44.4	7.0	6.9						
Ángulo de pluma principal 75.0 [°]										
19.4	65.0	51.1		16.6						
20.0	62.5	50.8	15.1	15.4						
22.0	53.8	49.5	12.5	11.4						
24.0	44.0	47.7	9.4	9.0						
26.0	31.6	45.0	7.5	7.4						
Ángulo de pluma principal 65.0 [°]										
27.5	55.0	47.3		11.6						
28.0	52.9	47.1	12.1	11.2						
30.0	42.8	45.2	9.1	8.8						
32.0	30.1	42.4	7.3	7.2						
Ángulo de pluma principal 45.0 [°]										
41.3	35.0	35.8		3.5						
42.0	29.9	35.0	4.0	3.3						
43.0	20.6	32.8	3.6	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]: 54.0
 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]
35.0 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 [°]										
8.1	78.0	53.8	15.1	30.1						
9.0	74.5	53.6	15.1	30.1						
10.0	70.8	53.2	15.1	30.1						
11.0	66.9	52.8	15.1	26.3						
12.0	62.8	52.3	15.1	22.1						
13.0	58.6	51.7	15.1	18.9						
14.0	54.2	51.0	15.1	16.2						
16.0	44.4	49.2	13.4	12.7						
18.0	32.1	46.5	11.0	10.4						
Ángulo de pluma principal 83.0 [°]										
12.5	73.0	53.1		30.1						
13.0	71.1	52.9	15.1	30.1						
14.0	67.3	52.5	15.1	27.5						
16.0	59.1	51.4	15.1	19.0						
18.0	50.0	49.9	14.8	14.4						
20.0	39.3	47.8	12.0	11.4						
22.0	24.8	44.5	10.0	9.6						
Ángulo de pluma principal 75.0 [°]										
19.4	65.0	51.1		22.0						
20.0	62.7	50.9	15.1	20.8						
22.0	54.1	49.5	15.1	15.8						
24.0	44.2	47.7	13.3	12.4						
26.0	31.9	45.1	10.7	10.2						
Ángulo de pluma principal 65.0 [°]										
27.6	55.0	47.3		10.6						
28.0	53.1	47.1	12.6	10.2						
30.0	43.1	45.2	10.9	8.6						
32.0	30.3	42.4	9.4	7.2						
33.0	21.3	40.3	8.6	6.5						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 54.0
 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]
35.0 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 [°]										
8.6	78.0	56.7		30.1						
9.0	76.9	56.7	15.1	30.1						
10.0	73.7	56.4	15.1	28.4						
11.0	70.5	56.0	15.1	23.0						
12.0	67.3	55.6	15.1	19.5						
13.0	63.9	55.1	15.1	16.7						
14.0	60.4	54.5	14.7	14.7						
16.0	53.1	53.2	12.6	11.6						
18.0	44.8	51.4	10.3	9.5						
20.0	35.0	48.9	8.2	7.9						
Ángulo de pluma principal 83.0 [°]										
13.3	73.0	55.9		25.6						
14.0	70.9	55.7	15.1	23.5						
16.0	64.3	54.8	15.1	16.8						
18.0	57.2	53.7	13.7	13.1						
20.0	49.5	52.1	11.8	10.6						
22.0	40.7	50.0	9.3	8.7						
24.0	29.6	47.1	7.6	7.4						
Ángulo de pluma principal 75.0 [°]										
20.6	65.0	53.8		16.8						
22.0	60.3	53.1	15.1	14.5						
24.0	52.9	51.7	12.8	11.5						
26.0	44.7	49.9	10.3	9.5						
28.0	34.8	47.4	8.2	7.9						
Ángulo de pluma principal 65.0 [°]										
29.3	55.0	49.8		11.9						
30.0	52.1	49.3	10.9	11.3						
32.0	43.8	47.4	8.8	9.3						
34.0	33.7	44.9	7.3	7.9						
Ángulo de pluma principal 45.0 [°]										
43.7	35.0	37.6		3.0						
44.0	33.5	37.4	3.6	2.9						
46.0	18.7	33.4	2.9	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]: 54.0
 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]
35.0 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 [°]										
8.7	78.0	56.8	15.1	30.1						
9.0	77.0	56.7	15.1	30.1						
10.0	73.9	56.4	15.1	30.1						
11.0	70.7	56.0	15.1	30.1						
12.0	67.5	55.6	15.1	27.0						
13.0	64.1	55.1	15.1	22.9						
14.0	60.6	54.6	15.1	20.0						
16.0	53.3	53.2	15.1	15.5						
18.0	45.0	51.4	13.3	12.5						
20.0	35.3	48.9	10.9	10.2						
Ángulo de pluma principal 83.0 [°]										
13.4	73.0	56.0	15.1	30.1						
14.0	71.0	55.8	15.1	30.0						
16.0	64.4	54.9	15.1	23.3						
18.0	57.4	53.7	15.1	17.7						
20.0	49.7	52.1	14.7	14.1						
22.0	40.9	50.1	12.2	11.4						
24.0	29.9	47.2	10.1	9.5						
Ángulo de pluma principal 75.0 [°]										
20.7	65.0	53.8		19.9						
22.0	60.5	53.2	15.1	17.9						
24.0	53.1	51.8	15.1	15.2						
26.0	44.9	50.0	13.5	12.5						
28.0	35.1	47.5	11.2	10.4						
Ángulo de pluma principal 65.0 [°]										
29.3	55.0	49.8		9.2						
30.0	52.3	49.3	10.6	8.7						
32.0	44.0	47.5	9.2	7.4						
34.0	33.9	44.9	7.9	6.2						
36.0	19.3	40.9	6.8	5.2						