

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.3	78.0	86.3		22.8						
14.0	77.0	86.1	15.1	22.8						
16.0	74.0	85.6	15.1	19.4						
18.0	71.0	84.9	15.1	16.4						
20.0	67.9	84.1	14.5	14.1						
22.0	64.8	83.2	12.1	12.1						
24.0	61.6	82.2	10.4	10.6						
26.0	58.2	81.0	9.1	9.3						
28.0	54.7	79.6	7.9	8.2						
30.0	51.1	78.1	7.0	7.4						
32.0	47.3	76.3	6.3	6.6						
34.0	43.2	74.3	5.6	6.0						
36.0	38.7	72.0	5.1	5.4						
38.0	33.8	69.2	4.6	4.9						
40.0	28.0	65.8	4.2	4.5						
42.0	20.8	61.4	3.8	4.1						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	85.0	15.1	16.9						
22.0	70.8	84.5	15.1	16.2						
24.0	67.8	83.7	14.0	13.9						
26.0	64.6	82.8	12.0	12.0						
28.0	61.4	81.7	10.4	10.6						
30.0	58.0	80.5	9.1	9.3						
32.0	54.5	79.2	7.9	8.2						
34.0	50.9	77.6	7.1	7.4						
36.0	47.0	75.8	6.3	6.7						
38.0	42.9	73.8	5.7	6.0						
40.0	38.4	71.4	5.1	5.4						
42.0	33.4	68.6	4.7	4.9						
44.0	27.6	65.2	4.3	4.5						
46.0	20.3	60.7	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
31.8	65.0	81.6		11.5						
32.0	64.8	81.5	11.9	11.5						
34.0	61.5	80.5	11.0	10.7						
36.0	58.2	79.3	9.5	9.5						
38.0	54.7	77.9	8.3	8.4						
40.0	51.1	76.4	7.3	7.5						
42.0	47.2	74.6	6.6	6.8						
44.0	43.1	72.6	5.9	6.1						
46.0	38.7	70.2	5.3	5.5						
48.0	33.7	67.5	4.8	5.0						
50.0	27.9	64.1	4.5	4.6						
Ángulo de pluma principal 65.0 [°]										
45.1	55.0	75.2		4.3						
46.0	53.4	74.6	4.8	4.0						
48.0	49.7	73.0	4.2	3.5						
50.0	45.8	71.1	3.6	3.0						
55.0	34.9	65.1	2.3							
56.0	32.2	63.5	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 74.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.4	78.0	77.5		20.6						
12.0	76.9	77.3	15.1	20.6						
13.0	75.0	77.1	15.1	18.6						
14.0	73.1	76.8	15.1	16.5						
16.0	69.2	76.1	14.3	13.1						
18.0	65.1	75.2	11.4	10.5						
20.0	60.9	74.1	9.0	8.7						
22.0	56.6	72.9	7.2	7.1						
24.0	52.0	71.4	5.9	5.9						
26.0	47.0	69.6	4.9	5.0						
28.0	41.6	67.5	4.2	4.2						
30.0	35.5	65.0	3.5	3.6						
32.0	28.2	61.7	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	76.4		14.8						
18.0	72.9	76.4	15.1	14.8						
20.0	68.9	75.6	14.1	12.8						
22.0	64.9	74.7	11.1	10.3						
24.0	60.7	73.7	8.7	8.5						
26.0	56.3	72.4	7.1	7.0						
28.0	51.7	70.9	5.9	5.9						
30.0	46.7	69.1	5.0	5.0						
32.0	41.3	67.0	4.2	4.3						
34.0	35.1	64.4	3.6	3.6						
36.0	27.7	61.1	3.1	3.1						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	73.4		9.5						
30.0	60.9	72.4	8.5	8.6						
32.0	56.5	71.1	7.0	7.2						
34.0	51.9	69.7	5.9	6.0						
36.0	46.9	67.9	5.0	5.2						
38.0	41.5	65.8	4.3	4.4						
40.0	35.4	63.2	3.6	3.8						
42.0	28.1	60.0	3.2	3.3						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	67.8		4.2						
40.0	54.9	67.7		4.1						
42.0	50.1	66.2	4.5	3.4						
44.0	45.0	64.4	3.6	2.7						
46.0	39.4	62.1	2.9	2.1						
48.0	33.6	59.3	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 74.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.4	78.0	86.3	15.1	27.4						
14.0	77.1	86.2	15.1	27.4						
16.0	74.1	85.6	15.1	22.8						
18.0	71.1	84.9	15.1	18.8						
20.0	68.0	84.2	14.8	16.1						
22.0	64.9	83.3	13.4	13.7						
24.0	61.6	82.2	12.4	12.0						
26.0	58.3	81.0	10.8	10.5						
28.0	54.8	79.7	9.3	9.2						
30.0	51.2	78.1	8.0	8.1						
32.0	47.4	76.4	6.9	7.0						
34.0	43.3	74.4	5.7	5.8						
36.0	38.8	72.0	4.6	4.7						
38.0	33.9	69.3	3.7	3.8						
40.0	28.1	65.9	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	85.0		19.4						
22.0	70.9	84.5	15.1	18.6						
24.0	67.8	83.7	15.1	15.8						
26.0	64.7	82.8	13.7	13.6						
28.0	61.5	81.8	12.4	11.9						
30.0	58.1	80.6	10.7	10.4						
32.0	54.6	79.2	9.2	9.1						
34.0	51.0	77.7	8.0	8.1						
36.0	47.1	75.9	7.1	7.2						
38.0	43.0	73.8	6.2	6.4						
40.0	38.5	71.5	5.5	5.6						
42.0	33.5	68.7	4.8	4.9						
44.0	27.8	65.3	4.0	4.1						
46.0	20.4	60.8	3.1	3.1						
Ángulo de pluma principal 75.0 [°]										
31.9	65.0	81.6		8.5						
32.0	64.8	81.6	10.4	8.5						
34.0	61.6	80.5	9.1	7.3						
36.0	58.3	79.3	7.9	6.3						
38.0	54.8	78.0	6.8	5.4						
40.0	51.2	76.4	5.7	4.6						
42.0	47.3	74.7	4.8	3.8						
44.0	43.2	72.6	4.0	3.1						
46.0	38.8	70.3	3.2	2.5						
48.0	34.3	67.5	2.5							
49.0	31.7	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	80.4	15.1	18.5						
13.0	76.4	80.2	15.1	18.5						
14.0	74.6	79.9	15.1	16.3						
16.0	71.1	79.3	13.7	13.0						
18.0	67.5	78.5	11.5	10.6						
20.0	63.7	77.5	9.0	8.6						
22.0	59.9	76.4	7.2	7.1						
24.0	55.9	75.1	5.9	5.9						
26.0	51.6	73.6	4.9	4.9						
28.0	47.1	71.9	4.2	4.2						
30.0	42.2	69.8	3.5	3.6						
32.0	36.8	67.3	2.9	3.0						
34.0	30.5	64.3	2.4	2.4						
Ángulo de pluma principal 83.0 [°]										
18.8	73.0	79.2		13.2						
20.0	70.9	78.8	13.4	12.8						
22.0	67.3	78.0	10.4	10.4						
24.0	63.5	77.1	8.2	8.3						
26.0	59.7	76.0	6.8	7.0						
28.0	55.6	74.7	5.6	5.8						
30.0	51.4	73.1	4.8	5.0						
32.0	46.8	71.4	4.1	4.3						
34.0	41.9	69.3	3.5	3.6						
36.0	36.4	66.8	2.9	3.1						
38.0	30.1	63.7	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
29.3	65.0	76.1		8.3						
30.0	63.7	75.8	8.4	8.3						
32.0	59.8	74.7	7.2	7.1						
34.0	55.8	73.4	6.0	6.0						
36.0	51.6	71.9	5.1	5.1						
38.0	47.1	70.1	4.3	4.4						
40.0	42.2	68.1	3.7	3.7						
42.0	36.7	65.6	3.1	3.2						
44.0	30.5	62.5	2.7	2.8						
46.0	22.6	58.5	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		3.5						
42.0	54.3	70.1	4.3	3.3						
44.0	50.0	68.5	3.5	2.7						
46.0	45.3	66.6	2.8	2.1						
48.0	40.7	64.4	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 77.5 m Plumín 43.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.0	78.0	89.2	15.1	27.2						
16.0	75.2	88.7	15.1	24.5						
18.0	72.5	88.1	15.1	20.4						
20.0	69.6	87.4	15.1	17.3						
22.0	66.8	86.6	14.0	15.0						
24.0	63.8	85.6	12.6	13.1						
26.0	60.8	84.5	11.6	11.6						
28.0	57.6	83.3	9.9	10.1						
30.0	54.4	81.9	8.5	8.8						
32.0	51.0	80.4	7.3	7.8						
34.0	47.4	78.6	6.1	6.5						
36.0	43.6	76.6	4.9	5.2						
38.0	39.5	74.3	3.8	3.9						
40.0	35.0	71.7	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
21.5	73.0	87.8		19.3						
22.0	72.3	87.7	15.1	19.3						
24.0	69.5	87.0	15.1	17.1						
26.0	66.6	86.1	14.7	14.9						
28.0	63.6	85.2	13.1	13.0						
30.0	60.6	84.1	11.9	11.6						
32.0	57.4	82.9	10.3	10.2						
34.0	54.2	81.5	9.0	9.1						
36.0	50.8	79.9	7.9	8.0						
38.0	47.2	78.1	7.1	7.0						
40.0	43.4	76.1	6.3	6.1						
42.0	39.3	73.8	5.6	5.3						
44.0	34.8	71.1	5.0	4.6						
46.0	29.6	67.9	4.0	3.9						
48.0	23.5	63.9	2.9	3.0						
Ángulo de pluma principal 75.0 [°]										
33.2	65.0	84.3		7.4						
34.0	63.8	83.9	8.6	7.0						
36.0	60.7	82.8	7.4	6.0						
38.0	57.6	81.6	6.4	5.1						
40.0	54.4	80.2	5.4	4.4						
42.0	51.0	78.7	4.5	3.6						
44.0	47.4	76.9	3.7	2.9						
46.0	43.6	74.9	2.9	2.3						
48.0	39.9	72.6	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 80.5 m Plumín 34.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	80.4		30.1						
13.0	76.5	80.2	15.1	30.1						
14.0	74.7	79.9	15.1	29.3						
16.0	71.2	79.3	15.1	24.6						
18.0	67.6	78.5	15.1	20.7						
20.0	63.8	77.6	14.4	16.8						
22.0	60.0	76.5	13.8	13.8						
24.0	56.0	75.2	9.2	9.2						
26.0	51.7	73.7	5.5	5.6						
28.0	47.2	71.9	3.4	3.5						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	79.2	15.1	21.4						
20.0	71.0	78.9	15.1	19.2						
22.0	67.4	78.1	15.1	15.9						
24.0	63.6	77.1	14.7	13.3						
26.0	59.8	76.0	14.2	11.2						
28.0	55.7	74.7	11.7	9.5						
30.0	51.5	73.2	9.7	8.1						
32.0	46.9	71.4	7.4	6.8						
34.0	42.0	69.3	4.8	4.9						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	76.1		7.2						
30.0	63.8	75.9	9.2	6.8						
32.0	59.9	74.7	7.6	5.5						
34.0	55.9	73.5	6.2	4.4						
36.0	51.7	71.9	4.8	3.5						
38.0	47.2	70.2	3.6	2.5						
40.0	42.7	68.1	2.5							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 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 [°]										
12.7	78.0	83.3	15.1	19.1						
13.0	77.5	83.3	15.1	19.1						
14.0	75.9	83.0	15.1	18.4						
16.0	72.7	82.4	14.8	15.0						
18.0	69.4	81.7	12.9	12.2						
20.0	66.0	80.9	10.7	10.1						
22.0	62.6	79.9	8.6	8.4						
24.0	59.0	78.7	7.2	7.2						
26.0	55.3	77.4	6.1	6.2						
28.0	51.3	75.9	5.3	5.3						
30.0	47.2	74.1	4.6	4.7						
32.0	42.7	72.1	4.0	4.1						
34.0	37.8	69.7	3.5	3.6						
36.0	32.3	66.8	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1	14.3	13.6						
20.0	72.5	82.0	14.3	13.6						
22.0	69.2	81.3	12.7	11.9						
24.0	65.8	80.4	10.4	9.9						
26.0	62.4	79.4	8.5	8.3						
28.0	58.8	78.3	7.2	7.2						
30.0	55.0	76.9	6.1	6.2						
32.0	51.1	75.4	5.3	5.4						
34.0	46.9	73.6	4.7	4.7						
36.0	42.5	71.5	4.1	4.1						
38.0	37.5	69.1	3.5	3.6						
40.0	32.0	66.2	3.1	3.2						
42.0	25.3	62.5	2.7	2.7						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		8.8						
32.0	62.5	78.2	8.6	8.5						
34.0	58.9	77.0	7.3	7.3						
36.0	55.2	75.7	6.3	6.3						
38.0	51.3	74.1	5.4	5.5						
40.0	47.2	72.4	4.8	4.9						
42.0	42.7	70.3	4.2	4.3						
44.0	37.8	67.9	3.7	3.7						
46.0	32.3	65.0	3.3	3.4						
48.0	25.6	61.4	2.9	2.9						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		2.9						
44.0	53.8	72.3	3.5	2.7						
46.0	49.8	70.7	2.8	2.1						
48.0	45.9	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 83.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.3	78.0	86.3		16.1						
14.0	77.0	86.1	15.1	16.1						
16.0	74.0	85.6	13.5	13.9						
18.0	71.0	84.9	11.1	11.4						
20.0	67.9	84.1	9.3	9.5						
22.0	64.8	83.2	7.6	7.8						
24.0	61.6	82.2	6.3	6.6						
26.0	58.2	81.0	5.4	5.6						
28.0	54.7	79.6	4.6	4.8						
30.0	51.1	78.1	3.9	4.1						
32.0	47.3	76.3	3.4	3.6						
34.0	43.2	74.3	2.9	3.1						
36.0	38.7	72.0	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	85.0	11.2	11.5						
22.0	70.8	84.5	10.9	11.2						
24.0	67.8	83.7	9.2	9.2						
26.0	64.6	82.8	7.7	7.7						
28.0	61.4	81.7	6.5	6.6						
30.0	58.0	80.5	5.5	5.6						
32.0	54.5	79.2	4.7	4.8						
34.0	50.9	77.6	4.1	4.2						
36.0	47.0	75.8	3.5	3.6						
38.0	42.9	73.8	3.0	3.1						
40.0	38.4	71.4	2.6	2.7						
42.0	33.4	68.6	2.3	2.3						
Ángulo de pluma principal 75.0 [°]										
31.8	65.0	81.6		7.3						
32.0	64.8	81.5	7.2	7.2						
34.0	61.5	80.5	6.7	6.7						
36.0	58.2	79.3	5.7	5.8						
38.0	54.7	77.9	4.9	4.9						
40.0	51.1	76.4	4.2	4.3						
42.0	47.2	74.6	3.7	3.7						
44.0	43.1	72.6	3.2	3.2						
46.0	38.7	70.2	2.7	2.8						
48.0	33.7	67.5	2.4	2.4						
Ángulo de pluma principal 65.0 [°]										
45.1	55.0	75.2		2.3						
46.0	53.4	74.6	2.6	2.0						
47.0	51.8	73.8	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 86.5 m Plumín 43.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.9	78.0	89.2		14.5						
14.0	77.9	89.2	15.1	14.5						
16.0	75.2	88.7	14.4	13.1						
18.0	72.4	88.1	11.4	10.7						
20.0	69.6	87.4	8.9	8.7						
22.0	66.7	86.5	7.3	7.3						
24.0	63.7	85.6	6.0	6.0						
26.0	60.7	84.5	5.0	5.1						
28.0	57.6	83.3	4.2	4.3						
30.0	54.3	81.9	3.6	3.6						
32.0	50.9	80.3	3.0	3.1						
34.0	47.3	78.6	2.6	2.6						
36.0	43.5	76.6	2.2	2.2						
Ángulo de pluma principal 83.0 [°]										
21.4	73.0	87.8		9.8						
22.0	72.2	87.7	9.6	9.8						
24.0	69.4	86.9	8.3	8.5						
26.0	66.5	86.1	6.9	7.1						
28.0	63.5	85.1	5.7	5.9						
30.0	60.5	84.1	4.9	5.1						
32.0	57.4	82.8	4.2	4.3						
34.0	54.1	81.4	3.5	3.7						
36.0	50.7	79.9	3.0	3.2						
38.0	47.1	78.1	2.6	2.7						
40.0	43.3	76.1	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
33.1	65.0	84.3		6.0						
34.0	63.7	83.9	5.8	6.0						
36.0	60.6	82.8	5.1	5.2						
38.0	57.5	81.6	4.4	4.5						
40.0	54.3	80.2	3.7	3.8						
42.0	50.9	78.6	3.1	3.3						
44.0	47.3	76.9	2.7	2.8						
46.0	43.5	74.8	2.3	2.4						
Ángulo de pluma principal 65.0 [°]										
46.9	55.0	77.6	2.3							
47.0	54.9	77.6	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 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 [°]										
14.6	78.0	92.1	14.4	13.6						
16.0	76.2	91.8	14.1	13.2						
18.0	73.6	91.2	11.1	10.7						
20.0	70.9	90.6	8.8	8.6						
22.0	68.3	89.8	7.2	7.3						
24.0	65.6	88.9	5.9	6.0						
26.0	62.8	87.9	4.9	5.0						
28.0	59.9	86.8	4.2	4.3						
30.0	57.0	85.6	3.5	3.6						
32.0	53.9	84.1	3.0	3.1						
34.0	50.7	82.6	2.5	2.6						
36.0	47.4	80.8	2.1	2.2						
Ángulo de pluma principal 83.0 [°]										
22.3	73.0	90.7		8.8						
24.0	70.8	90.1	8.4	8.4						
26.0	68.1	89.4	6.9	7.0						
28.0	65.4	88.5	5.8	5.9						
30.0	62.6	87.5	4.9	5.0						
32.0	59.7	86.4	4.3	4.3						
34.0	56.8	85.1	3.6	3.7						
36.0	53.7	83.7	3.0	3.1						
38.0	50.5	82.1	2.6	2.7						
40.0	47.2	80.3	2.2	2.3						
Ángulo de pluma principal 75.0 [°]										
34.4	65.0	87.0		5.3						
36.0	62.7	86.2	5.1	5.2						
38.0	59.9	85.1	4.3	4.4						
40.0	56.9	83.8	3.7	3.8						
42.0	53.9	82.4	3.1	3.2						
44.0	50.7	80.9	2.7	2.8						
46.0	47.4	79.1	2.3	2.4						
47.0	45.6	78.1	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.2	78.0	95.1	11.0	12.1						
16.0	77.0	94.9	11.0	12.1						
18.0	74.6	94.4	9.9	10.3						
20.0	72.2	93.7	8.5	8.5						
22.0	69.7	93.0	6.9	7.0						
24.0	67.2	92.2	5.8	5.9						
26.0	64.6	91.3	4.8	4.9						
28.0	61.9	90.3	4.1	4.2						
30.0	59.2	89.1	3.5	3.5						
32.0	56.5	87.8	2.9	3.0						
34.0	53.6	86.4	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
23.2	73.0	93.6		7.9						
24.0	72.0	93.3	7.8	7.9						
26.0	69.5	92.6	6.8	6.8						
28.0	67.0	91.8	5.8	5.8						
30.0	64.4	90.9	4.8	4.9						
32.0	61.8	89.8	4.1	4.2						
34.0	59.1	88.7	3.5	3.6						
36.0	56.3	87.4	2.9	3.0						
38.0	53.4	85.9	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
35.7	65.0	89.7	4.5	4.6						
36.0	64.5	89.6	4.5	4.6						
38.0	61.9	88.6	4.2	4.3						
40.0	59.2	87.4	3.6	3.7						
42.0	56.4	86.1	3.1	3.1						
44.0	53.5	84.7	2.6	2.6						
46.0	50.5	83.1	2.2	2.2						
47.0	49.0	82.2	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 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 [°]										
15.8	78.0	98.0		9.7						
16.0	77.8	98.0	8.6	9.7						
18.0	75.5	97.5	8.1	9.2						
20.0	73.2	96.9	7.2	7.9						
22.0	70.9	96.2	6.0	6.3						
24.0	68.5	95.5	5.2	5.3						
26.0	66.1	94.6	4.3	4.4						
28.0	63.7	93.7	3.5	3.6						
30.0	61.2	92.6	2.9	3.1						
32.0	58.6	91.4	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
24.1	73.0	96.4	6.2	6.5						
26.0	70.8	95.8	6.0	6.2						
28.0	68.4	95.0	5.1	5.2						
30.0	66.0	94.2	4.3	4.4						
32.0	63.6	93.2	3.5	3.6						
34.0	61.0	92.1	3.0	3.1						
36.0	58.5	90.9	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
36.9	65.0	92.4		3.6						
38.0	63.7	91.9	3.5	3.6						
40.0	61.2	90.9	3.0	3.2						
42.0	58.6	89.7	2.5	2.6						
44.0	56.0	88.4	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
7.8	78.0	62.9	15.1	30.1						
8.0	77.1	62.8	15.1	30.1						
9.0	72.5	62.5	15.1	25.7						
10.0	67.8	62.1	15.1	19.0						
11.0	62.8	61.6	15.1	14.9						
12.0	57.6	61.0	13.2	12.2						
13.0	52.0	60.2	11.3	10.3						
14.0	45.9	59.3	9.6	8.8						
16.0	30.7	56.6	7.0	6.8						
Ángulo de pluma principal 83.0 [°]										
13.0	73.0	62.1		25.2						
14.0	68.4	61.8	15.1	19.6						
16.0	58.4	60.7	13.6	12.5						
18.0	46.8	59.0	9.8	9.0						
20.0	32.0	56.5	7.1	6.9						
Ángulo de pluma principal 75.0 [°]										
21.2	65.0	60.0		15.7						
22.0	61.0	59.6	14.9	13.6						
24.0	50.0	58.1	10.6	9.6						
26.0	36.3	55.9	7.6	7.3						
Ángulo de pluma principal 65.0 [°]										
30.9	55.0	55.8		10.8						
32.0	48.5	54.9	10.0	9.2						
34.0	34.3	52.5	7.2	7.0						
Ángulo de pluma principal 45.0 [°]										
47.3	35.0	42.6		2.7						
48.0	28.7	41.7	3.0	2.5						
49.0	15.1	39.3	2.7	2.2						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
8.4	78.0	65.8		30.1						
9.0	75.9	65.7	15.1	29.9						
10.0	72.1	65.3	15.1	25.3						
11.0	68.3	64.9	15.1	20.2						
12.0	64.3	64.5	14.9	16.5						
13.0	60.2	63.9	14.0	14.1						
14.0	55.9	63.2	11.8	12.1						
16.0	46.4	61.5	9.0	9.5						
18.0	34.8	59.1	7.2	7.7						
Ángulo de pluma principal 83.0 [°]										
13.9	73.0	65.0		25.4						
14.0	72.7	65.0	15.1	25.4						
16.0	64.9	64.1	15.1	16.8						
18.0	56.5	62.9	12.9	12.3						
20.0	47.1	61.3	10.1	9.6						
22.0	35.7	58.9	7.8	7.8						
Ángulo de pluma principal 75.0 [°]										
22.5	65.0	62.7		16.2						
24.0	58.7	61.9	14.7	13.3						
26.0	49.6	60.4	10.8	10.2						
28.0	38.9	58.2	8.3	8.1						
Ángulo de pluma principal 65.0 [°]										
32.6	55.0	58.2		11.4						
34.0	48.4	57.1	10.3	9.8						
36.0	37.4	54.9	8.0	7.9						
Ángulo de pluma principal 45.0 [°]										
49.8	35.0	44.3		2.0						
50.0	35.0	44.3	2.3							
51.0	27.4	42.4	2.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
8.5	78.0	65.8	15.1	30.1						
9.0	76.1	65.7	15.1	30.1						
10.0	72.4	65.4	15.1	30.1						
11.0	68.5	65.0	15.1	28.6						
12.0	64.5	64.5	15.1	23.4						
13.0	60.4	63.9	15.1	19.9						
14.0	56.1	63.3	15.1	17.0						
16.0	46.6	61.6	14.0	13.1						
18.0	35.1	59.2	11.3	10.6						
Ángulo de pluma principal 83.0 [°]										
14.0	73.0	65.0	15.1	30.1						
16.0	65.1	64.2	15.1	24.0						
18.0	56.7	63.0	15.1	17.2						
20.0	47.3	61.3	14.0	13.3						
22.0	36.0	59.0	11.3	10.7						
Ángulo de pluma principal 75.0 [°]										
22.5	65.0	62.7		21.4						
24.0	58.9	61.9	15.1	18.4						
26.0	49.9	60.4	13.9	14.0						
28.0	39.2	58.3	10.8	11.1						
30.0	24.5	54.9	8.9	9.3						
Ángulo de pluma principal 65.0 [°]										
32.7	55.0	58.2		9.3						
34.0	48.7	57.2	10.1	8.4						
36.0	37.7	54.9	8.9	7.1						
38.0	22.0	51.4	7.7	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.1	78.0	68.7	15.1	30.1						
10.0	75.1	68.5	15.1	28.9						
11.0	71.9	68.2	15.1	24.4						
12.0	68.6	67.8	15.1	20.6						
13.0	65.3	67.3	15.1	17.5						
14.0	61.9	66.8	15.1	15.3						
16.0	54.7	65.5	12.9	12.0						
18.0	46.7	63.8	10.8	9.9						
20.0	37.3	61.5	8.6	8.2						
22.0	24.8	58.1	7.2	7.0						
Ángulo de pluma principal 83.0 [°]										
14.8	73.0	67.9	15.1	24.8						
16.0	69.1	67.4	15.1	20.8						
18.0	62.4	66.5	15.1	15.5						
20.0	55.2	65.2	13.1	12.2						
22.0	47.3	63.5	11.0	10.0						
24.0	38.0	61.3	8.7	8.3						
26.0	25.9	58.0	7.3	7.1						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	65.4		16.4						
24.0	64.2	65.3	15.1	16.4						
26.0	57.1	64.1	14.5	12.9						
28.0	49.4	62.6	11.7	10.6						
30.0	40.5	60.5	9.2	8.7						
32.0	29.5	57.6	7.6	7.4						
Ángulo de pluma principal 65.0 [°]										
34.3	55.0	60.7		11.0						
36.0	48.4	59.4	11.2	10.0						
38.0	39.4	57.2	9.0	8.5						
40.0	27.8	54.1	7.5	7.3						
41.0	19.7	51.9	6.9	6.7						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.1	78.0	68.7		30.1						
10.0	75.2	68.5	15.1	30.1						
11.0	72.1	68.2	15.1	29.9						
12.0	68.8	67.8	15.1	28.8						
13.0	65.5	67.3	15.1	24.2						
14.0	62.1	66.8	15.1	20.9						
16.0	54.9	65.5	14.4	16.2						
18.0	46.9	63.8	12.9	13.1						
20.0	37.5	61.5	10.2	10.6						
22.0	25.1	58.2	8.4	8.9						
Ángulo de pluma principal 83.0 [°]										
14.8	73.0	67.9		30.1						
16.0	69.3	67.5	15.1	28.4						
18.0	62.6	66.5	15.1	21.3						
20.0	55.4	65.2	14.6	16.4						
22.0	47.5	63.5	13.1	13.3						
24.0	38.2	61.3	10.4	10.8						
26.0	26.2	58.1	8.6	9.1						
Ángulo de pluma principal 75.0 [°]										
23.8	65.0	65.4		19.6						
24.0	64.3	65.4	15.1	19.3						
26.0	57.3	64.2	15.1	16.7						
28.0	49.6	62.6	15.1	14.0						
30.0	40.8	60.6	12.3	11.4						
32.0	29.7	57.6	10.2	9.6						
Ángulo de pluma principal 65.0 [°]										
34.4	55.0	60.7		8.1						
36.0	48.6	59.4	8.6	7.2						
38.0	39.6	57.3	7.5	6.2						
40.0	28.1	54.2	6.5	5.2						
41.0	20.0	52.0	6.0	4.8						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
9.7	78.0	71.7	15.1	30.1						
10.0	77.1	71.6	15.1	30.1						
11.0	74.4	71.3	15.1	25.1						
12.0	71.7	71.0	15.1	20.9						
13.0	68.9	70.6	15.1	18.1						
14.0	66.1	70.2	15.1	15.8						
16.0	60.1	69.1	14.3	12.6						
18.0	53.8	67.7	11.1	10.2						
20.0	46.9	66.0	9.1	8.6						
22.0	39.0	63.8	7.5	7.3						
24.0	29.2	60.8	6.3	6.3						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	70.7	15.1	21.5						
16.0	72.1	70.6	15.1	21.4						
18.0	66.5	69.8	14.6	16.0						
20.0	60.6	68.8	12.5	12.8						
22.0	54.3	67.4	9.9	10.4						
24.0	47.4	65.7	8.2	8.7						
26.0	39.6	63.6	6.9	7.4						
28.0	30.0	60.6	6.0	6.4						
Ángulo de pluma principal 75.0 [°]										
25.0	65.0	68.1		14.4						
26.0	62.1	67.7	14.8	13.4						
28.0	55.9	66.4	11.9	10.9						
30.0	49.2	64.8	9.6	9.1						
32.0	41.7	62.8	7.9	7.7						
34.0	32.7	60.1	6.7	6.6						
Ángulo de pluma principal 65.0 [°]										
36.0	55.0	63.1		10.0						
38.0	48.4	61.6	9.3	8.9						
40.0	40.7	59.5	7.7	7.5						
42.0	31.5	56.7	6.6	6.6						
44.0	18.1	52.4	5.7	5.7						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
9.7	78.0	71.7		30.1						
10.0	77.3	71.6	15.1	30.1						
11.0	74.6	71.3	15.1	30.1						
12.0	71.9	71.0	15.1	27.8						
13.0	69.1	70.6	15.1	25.5						
14.0	66.2	70.2	15.1	21.9						
16.0	60.3	69.1	15.0	17.1						
18.0	54.0	67.8	14.2	13.8						
20.0	47.1	66.1	12.6	11.5						
22.0	39.2	63.8	10.1	9.6						
24.0	29.5	60.8	8.3	8.2						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	70.7		29.9						
16.0	72.2	70.7	15.1	29.8						
18.0	66.6	69.9	15.1	22.3						
20.0	60.7	68.8	14.9	17.3						
22.0	54.4	67.5	13.1	13.9						
24.0	47.6	65.8	11.3	11.6						
26.0	39.8	63.6	9.2	9.7						
28.0	30.2	60.7	7.8	8.3						
Ángulo de pluma principal 75.0 [°]										
25.1	65.0	68.1		18.2						
26.0	62.3	67.7	15.1	17.1						
28.0	56.1	66.4	14.6	14.7						
30.0	49.4	64.9	13.5	12.2						
32.0	41.9	62.8	10.9	10.2						
34.0	32.9	60.1	9.0	8.8						
Ángulo de pluma principal 65.0 [°]										
36.1	55.0	63.1		7.3						
38.0	48.5	61.7	7.6	6.4						
40.0	40.9	59.6	6.6	5.5						
42.0	31.7	56.8	5.8	4.7						
44.0	18.4	52.5	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	74.6	15.1	27.1						
11.0	76.4	74.4	15.1	25.7						
12.0	74.0	74.1	15.1	21.6						
13.0	71.6	73.8	15.1	18.4						
14.0	69.1	73.4	15.1	16.3						
16.0	64.1	72.5	12.3	12.9						
18.0	58.8	71.4	10.2	10.7						
20.0	53.1	70.0	8.3	8.9						
22.0	47.0	68.2	7.1	7.6						
24.0	40.2	66.1	6.1	6.6						
26.0	32.1	63.3	5.3	5.7						
28.0	21.4	59.3	4.6	5.0						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	73.6		19.0						
18.0	69.5	73.1	15.1	16.4						
20.0	64.4	72.2	13.7	13.1						
22.0	59.2	71.1	11.7	10.8						
24.0	53.6	69.7	9.3	9.0						
26.0	47.5	68.0	7.8	7.7						
28.0	40.7	65.9	6.7	6.6						
30.0	32.8	63.1	5.8	5.8						
32.0	22.3	59.2	5.0	5.1						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	70.9		12.8						
28.0	60.5	70.0	12.4	11.2						
30.0	55.0	68.7	9.9	9.4						
32.0	49.1	67.1	8.2	8.0						
34.0	42.5	65.1	6.9	6.9						
36.0	35.0	62.5	6.0	6.0						
38.0	25.4	59.0	5.3	5.3						
Ángulo de pluma principal 65.0 [°]										
37.8	55.0	65.6		9.1						
38.0	54.3	65.5	9.4	9.0						
40.0	48.3	63.8	8.0	7.8						
42.0	41.7	61.8	6.8	6.8						
44.0	33.9	59.1	5.9	5.9						
46.0	24.0	55.5	5.2	5.2						
47.0	16.9	52.8	4.8	4.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.4	78.0	74.6	15.1	30.1						
11.0	76.5	74.5	15.1	30.1						
12.0	74.1	74.2	15.1	30.1						
13.0	71.7	73.8	15.1	25.8						
14.0	69.2	73.5	15.1	22.6						
16.0	64.2	72.6	15.1	17.5						
18.0	58.9	71.4	14.1	14.3						
20.0	53.3	70.0	12.3	11.8						
22.0	47.2	68.3	10.6	10.1						
24.0	40.4	66.1	8.7	8.5						
26.0	32.3	63.4	7.3	7.3						
28.0	21.6	59.4	6.2	6.2						
Ángulo de pluma principal 83.0 [°]										
16.6	73.0	73.6		26.4						
18.0	69.6	73.1	15.1	22.8						
20.0	64.6	72.2	15.1	17.8						
22.0	59.3	71.1	14.3	14.5						
24.0	53.7	69.7	12.6	11.9						
26.0	47.6	68.0	10.8	10.1						
28.0	40.9	65.9	8.9	8.6						
30.0	33.0	63.2	7.5	7.4						
32.0	22.5	59.3	6.4	6.3						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	70.9		16.6						
28.0	60.7	70.0	14.5	15.0						
30.0	55.2	68.7	12.2	12.5						
32.0	49.2	67.1	10.2	10.6						
34.0	42.7	65.1	8.5	9.0						
36.0	35.1	62.6	7.3	7.8						
38.0	25.6	59.1	6.3	6.7						
Ángulo de pluma principal 65.0 [°]										
37.8	55.0	65.6		6.3						
38.0	54.5	65.5	7.2	6.2						
40.0	48.5	63.9	6.3	5.3						
42.0	41.8	61.8	5.5	4.6						
44.0	34.1	59.2	4.7	3.9						
46.0	24.2	55.6	4.0	3.2						
47.0	17.1	52.9	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
10.9	78.0	77.5		30.1						
11.0	77.8	77.5	15.1	30.1						
12.0	75.7	77.3	15.1	30.1						
13.0	73.6	77.0	15.1	29.7						
14.0	71.4	76.6	15.1	26.1						
16.0	67.0	75.8	15.1	21.2						
18.0	62.5	74.9	15.1	17.7						
20.0	57.7	73.7	14.5	15.3						
22.0	52.6	72.2	13.7	13.3						
24.0	47.2	70.5	12.6	11.9						
26.0	41.1	68.4	11.0	10.6						
28.0	34.2	65.7	9.7	9.6						
30.0	25.7	62.2	8.8	8.8						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	76.5		26.8						
18.0	71.8	76.3	15.1	26.7						
20.0	67.4	75.5	15.1	21.5						
22.0	62.8	74.5	15.1	17.9						
24.0	58.0	73.3	14.6	15.4						
26.0	53.0	71.9	14.0	13.5						
28.0	47.6	70.2	12.7	12.0						
30.0	41.6	68.1	11.1	10.7						
32.0	34.8	65.5	9.8	9.7						
34.0	26.4	62.1	8.9	8.9						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	73.6	15.1	18.1						
28.0	64.0	73.4	15.1	17.7						
30.0	59.3	72.3	15.1	15.9						
32.0	54.3	70.9	14.2	13.9						
34.0	49.0	69.3	13.2	12.4						
36.0	43.2	67.3	11.5	11.0						
38.0	36.6	64.9	10.1	10.0						
40.0	28.7	61.7	9.2	9.2						
Ángulo de pluma principal 65.0 [°]										
39.5	55.0	68.0		8.2						
40.0	53.7	67.7	9.1	8.0						
42.0	48.3	66.1	8.3	7.2						
44.0	42.4	64.1	7.5	6.5						
46.0	35.8	61.5	6.9	5.9						
48.0	27.6	58.2	6.3	5.3						
50.0	15.9	53.3	5.7	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.1	78.0	68.7	15.1	30.1						
10.0	75.1	68.5	15.1	30.1						
11.0	71.9	68.2	15.1	28.5						
12.0	68.6	67.8	15.1	26.0						
13.0	65.3	67.3	15.1	21.9						
14.0	61.9	66.8	15.1	19.0						
16.0	54.7	65.5	14.9	14.9						
18.0	46.7	63.8	13.7	12.1						
20.0	37.3	61.5	10.7	10.0						
22.0	24.8	58.1	8.7	8.4						
Ángulo de pluma principal 83.0 [°]										
14.8	73.0	67.9	15.1	29.8						
16.0	69.1	67.4	15.1	26.1						
18.0	62.4	66.5	15.1	19.3						
20.0	55.2	65.2	15.1	15.1						
22.0	47.3	63.5	13.9	12.3						
24.0	38.0	61.3	10.9	10.1						
26.0	25.9	58.0	9.0	8.6						
Ángulo de pluma principal 75.0 [°]										
23.7	65.0	65.4		19.0						
24.0	64.2	65.3	15.1	18.6						
26.0	57.1	64.1	15.1	15.9						
28.0	49.4	62.6	14.6	13.0						
30.0	40.5	60.5	11.7	10.7						
32.0	29.5	57.6	9.6	9.1						
Ángulo de pluma principal 65.0 [°]										
34.3	55.0	60.7		8.4						
36.0	48.4	59.4	9.4	7.4						
38.0	39.4	57.2	8.3	6.3						
40.0	27.8	54.1	7.2	5.3						
41.0	19.7	51.9	6.7	4.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.0	78.0	77.5	15.1	30.1						
12.0	75.9	77.3	15.1	30.1						
13.0	73.7	77.0	15.1	30.1						
14.0	71.6	76.7	15.1	28.9						
16.0	67.2	75.9	15.1	25.3						
18.0	62.6	74.9	15.1	20.8						
20.0	57.8	73.7	14.7	17.6						
22.0	52.8	72.3	14.2	15.2						
24.0	47.3	70.5	13.1	13.3						
26.0	41.3	68.4	11.3	11.7						
28.0	34.4	65.8	9.9	10.4						
30.0	25.9	62.3	8.8	9.3						
Ángulo de pluma principal 83.0 [°]										
17.5	73.0	76.5	15.1	30.1						
18.0	71.9	76.3	15.1	30.1						
20.0	67.5	75.5	15.1	25.8						
22.0	62.9	74.6	15.1	21.0						
24.0	58.2	73.4	14.8	17.8						
26.0	53.1	72.0	14.4	15.3						
28.0	47.7	70.3	13.2	13.5						
30.0	41.7	68.2	11.4	11.8						
32.0	34.9	65.6	10.0	10.6						
34.0	26.6	62.2	9.0	9.5						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	73.6		15.3						
28.0	64.1	73.4	15.1	15.0						
30.0	59.4	72.3	15.1	13.2						
32.0	54.4	71.0	14.0	11.8						
34.0	49.1	69.3	12.6	10.5						
36.0	43.3	67.4	11.3	9.3						
38.0	36.8	64.9	10.2	8.3						
40.0	28.9	61.8	9.2	7.4						
Ángulo de pluma principal 65.0 [°]										
39.5	55.0	68.0		5.4						
40.0	53.8	67.8	6.1	5.3						
42.0	48.5	66.1	5.3	4.5						
44.0	42.6	64.1	4.6	3.8						
46.0	35.9	61.6	3.9	3.2						
48.0	27.8	58.3	3.2	2.7						
50.0	16.1	53.4	2.6	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
9.7	78.0	71.7	15.1	30.1						
10.0	77.1	71.6	15.1	30.1						
11.0	74.4	71.3	15.1	28.0						
12.0	71.7	71.0	15.1	24.0						
13.0	68.9	70.6	15.1	20.7						
14.0	66.1	70.2	15.1	18.0						
16.0	60.1	69.1	14.8	14.2						
18.0	53.8	67.7	12.1	11.4						
20.0	46.9	66.0	10.1	9.5						
22.0	39.0	63.8	8.1	7.8						
24.0	29.2	60.8	6.7	6.6						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	70.7	15.1	23.9						
16.0	72.1	70.6	15.1	23.8						
18.0	66.5	69.8	15.0	18.2						
20.0	60.6	68.8	14.2	14.4						
22.0	54.3	67.4	11.1	11.5						
24.0	47.4	65.7	9.1	9.6						
26.0	39.6	63.6	7.5	8.0						
28.0	30.0	60.6	6.4	6.8						
Ángulo de pluma principal 75.0 [°]										
25.0	65.0	68.1		15.8						
26.0	62.1	67.7	15.1	15.2						
28.0	55.9	66.4	13.5	12.2						
30.0	49.2	64.8	10.8	10.1						
32.0	41.7	62.8	8.7	8.4						
34.0	32.7	60.1	7.2	7.2						
Ángulo de pluma principal 65.0 [°]										
36.0	55.0	63.1		7.5						
38.0	48.4	61.6	8.2	6.4						
40.0	40.7	59.5	7.2	5.5						
42.0	31.5	56.7	6.2	4.7						
44.0	18.1	52.4	5.4	4.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
11.6	78.0	80.5		30.1						
12.0	77.3	80.4	15.1	30.1						
13.0	75.3	80.1	15.1	30.1						
14.0	73.4	79.8	15.1	29.5						
16.0	69.5	79.1	15.1	24.1						
18.0	65.5	78.3	15.1	19.8						
20.0	61.3	77.2	15.1	16.8						
22.0	56.9	76.0	13.3	14.4						
24.0	52.3	74.5	11.9	12.5						
26.0	47.4	72.8	10.6	11.1						
28.0	42.0	70.7	9.2	9.8						
30.0	36.0	68.2	8.1	8.7						
32.0	28.8	65.0	7.3	7.8						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	79.3	15.1	27.5						
20.0	69.8	78.8	15.1	24.4						
22.0	65.8	77.9	15.1	20.0						
24.0	61.6	76.9	15.1	17.0						
26.0	57.2	75.7	14.0	14.5						
28.0	52.7	74.2	13.0	12.7						
30.0	47.8	72.5	11.6	11.2						
32.0	42.4	70.4	10.1	9.9						
34.0	36.4	68.0	8.7	8.8						
36.0	29.4	64.8	7.8	7.9						
38.0	20.0	60.4	6.9	7.1						
Ángulo de pluma principal 75.0 [°]										
28.9	65.0	76.3		14.0						
30.0	62.7	75.8	15.1	13.1						
32.0	58.4	74.6	13.5	11.6						
34.0	53.8	73.2	12.2	10.3						
36.0	49.0	71.6	11.0	9.2						
38.0	43.8	69.6	9.9	8.2						
40.0	38.0	67.2	8.9	7.3						
42.0	31.3	64.3	8.0	6.5						
44.0	22.8	60.3	7.1	5.8						
Ángulo de pluma principal 65.0 [°]										
41.3	55.0	70.5		4.5						
42.0	53.3	70.0	4.9	4.3						
44.0	48.4	68.4	4.2	3.6						
46.0	43.2	66.4	3.5	3.0						
48.0	37.3	63.9	2.9	2.5						
50.0	31.2	60.9	2.4							
51.0	27.3	59.0	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
9.7	78.0	71.7		30.1						
10.0	77.3	71.6	15.1	30.1						
11.0	74.6	71.3	15.1	30.1						
12.0	71.9	71.0	15.1	28.8						
13.0	69.1	70.6	15.1	27.3						
14.0	66.2	70.2	15.1	23.7						
16.0	60.3	69.1	15.1	18.5						
18.0	54.0	67.8	14.9	14.9						
20.0	47.1	66.1	13.7	12.4						
22.0	39.2	63.8	10.9	10.3						
24.0	29.5	60.8	8.9	8.7						
Ángulo de pluma principal 83.0 [°]										
15.7	73.0	70.7		30.1						
16.0	72.2	70.7	15.1	30.1						
18.0	66.6	69.9	15.1	24.3						
20.0	60.7	68.8	15.1	18.8						
22.0	54.4	67.5	15.1	15.1						
24.0	47.6	65.8	13.9	12.5						
26.0	39.8	63.6	11.1	10.4						
28.0	30.2	60.7	9.2	8.9						
Ángulo de pluma principal 75.0 [°]										
25.1	65.0	68.1		14.3						
26.0	62.3	67.7	15.1	13.2						
28.0	56.1	66.4	14.7	11.1						
30.0	49.4	64.9	12.7	9.4						
32.0	41.9	62.8	11.0	7.9						
34.0	32.9	60.1	9.4	6.6						
Ángulo de pluma principal 65.0 [°]										
36.1	55.0	63.1		4.3						
38.0	48.5	61.7	4.4	3.4						
40.0	40.9	59.6	3.4	2.5						
42.0	32.7	56.8	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	74.6	15.1	29.6						
11.0	76.4	74.4	15.1	28.8						
12.0	74.0	74.1	15.1	24.4						
13.0	71.6	73.8	15.1	20.9						
14.0	69.1	73.4	15.1	18.4						
16.0	64.1	72.5	13.5	14.6						
18.0	58.8	71.4	11.8	12.2						
20.0	53.1	70.0	9.6	10.2						
22.0	47.0	68.2	8.2	8.8						
24.0	40.2	66.1	7.0	7.5						
26.0	32.1	63.3	6.1	6.6						
28.0	21.4	59.3	5.3	5.7						
Ángulo de pluma principal 83.0 [°]										
16.5	73.0	73.6		21.1						
18.0	69.5	73.1	15.1	18.6						
20.0	64.4	72.2	14.5	14.8						
22.0	59.2	71.1	13.1	12.3						
24.0	53.6	69.7	10.7	10.3						
26.0	47.5	68.0	9.1	8.9						
28.0	40.7	65.9	7.7	7.6						
30.0	32.8	63.1	6.6	6.7						
32.0	22.3	59.2	5.8	5.8						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	70.9		14.3						
28.0	60.5	70.0	13.7	12.8						
30.0	55.0	68.7	11.3	10.8						
32.0	49.1	67.1	9.5	9.2						
34.0	42.5	65.1	8.0	7.9						
36.0	35.0	62.5	6.9	6.9						
38.0	25.4	59.0	6.1	6.1						
Ángulo de pluma principal 65.0 [°]										
37.8	55.0	65.6		6.7						
38.0	54.3	65.5	8.1	6.6						
40.0	48.3	63.8	7.2	5.7						
42.0	41.7	61.8	6.3	4.9						
44.0	33.9	59.1	5.5	4.2						
46.0	24.0	55.5	4.7	3.6						
47.0	16.9	52.8	4.4	3.3						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
10.9	78.0	77.5		27.3						
11.0	77.8	77.5	15.1	27.3						
12.0	75.7	77.3	15.1	25.5						
13.0	73.6	77.0	15.1	22.1						
14.0	71.4	76.6	15.1	19.3						
16.0	67.0	75.8	14.2	15.4						
18.0	62.5	74.9	12.1	12.7						
20.0	57.7	73.7	10.1	10.6						
22.0	52.6	72.2	8.3	8.9						
24.0	47.2	70.5	7.1	7.7						
26.0	41.1	68.4	6.1	6.6						
28.0	34.2	65.7	5.3	5.7						
30.0	25.7	62.2	4.7	5.0						
Ángulo de pluma principal 83.0 [°]										
17.4	73.0	76.5		19.4						
18.0	71.8	76.3	15.1	19.3						
20.0	67.4	75.5	15.1	15.7						
22.0	62.8	74.5	13.4	12.8						
24.0	58.0	73.3	11.3	10.7						
26.0	53.0	71.9	9.2	9.0						
28.0	47.6	70.2	7.8	7.8						
30.0	41.6	68.1	6.7	6.7						
32.0	34.8	65.5	5.7	5.8						
34.0	26.4	62.1	5.0	5.1						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	73.6	12.8	13.2						
28.0	64.0	73.4	12.7	13.1						
30.0	59.3	72.3	10.7	11.2						
32.0	54.3	70.9	8.9	9.5						
34.0	49.0	69.3	7.6	8.2						
36.0	43.2	67.3	6.5	7.0						
38.0	36.6	64.9	5.7	6.1						
40.0	28.7	61.7	5.0	5.4						
Ángulo de pluma principal 65.0 [°]										
39.5	55.0	68.0		5.9						
40.0	53.7	67.7	7.0	5.7						
42.0	48.3	66.1	6.1	4.9						
44.0	42.4	64.1	5.3	4.2						
46.0	35.8	61.5	4.6	3.6						
48.0	27.6	58.2	4.0	3.1						
50.0	15.9	53.3	3.4	2.5						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
11.6	78.0	80.5	15.1	24.8						
12.0	77.1	80.4	15.1	24.8						
13.0	75.2	80.1	15.1	22.3						
14.0	73.3	79.8	15.1	19.7						
16.0	69.4	79.1	15.1	15.7						
18.0	65.3	78.2	13.3	13.0						
20.0	61.2	77.2	11.6	11.0						
22.0	56.8	75.9	9.6	9.3						
24.0	52.2	74.5	7.9	7.9						
26.0	47.3	72.7	6.8	6.8						
28.0	41.9	70.6	5.9	5.9						
30.0	35.8	68.1	5.1	5.2						
32.0	28.7	64.9	4.5	4.6						
Ángulo de pluma principal 83.0 [°]										
18.3	73.0	79.3		17.7						
20.0	69.7	78.7	15.1	15.9						
22.0	65.6	77.9	13.9	13.1						
24.0	61.5	76.8	11.8	11.1						
26.0	57.1	75.6	9.7	9.3						
28.0	52.5	74.2	8.1	8.0						
30.0	47.6	72.5	7.0	7.0						
32.0	42.3	70.4	6.0	6.1						
34.0	36.3	67.9	5.2	5.3						
36.0	29.2	64.8	4.6	4.7						
Ángulo de pluma principal 75.0 [°]										
28.8	65.0	76.3		12.0						
30.0	62.5	75.7	12.4	11.6						
32.0	58.2	74.6	10.2	9.8						
34.0	53.7	73.2	8.5	8.4						
36.0	48.9	71.5	7.3	7.3						
38.0	43.7	69.6	6.3	6.3						
40.0	37.9	67.2	5.5	5.5						
42.0	31.2	64.2	4.8	4.9						
44.0	22.6	60.3	4.3	4.3						
Ángulo de pluma principal 65.0 [°]										
41.2	55.0	70.5		5.3						
42.0	53.2	70.0	6.1	5.0						
44.0	48.3	68.3	5.4	4.4						
46.0	43.0	66.3	4.7	3.8						
48.0	37.1	63.9	4.0	3.2						
50.0	30.3	60.8	3.4	2.7						
53.0	15.0	53.7	2.6	2.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.2	78.0	83.4	15.1	22.5						
13.0	76.6	83.2	15.1	22.5						
14.0	74.8	82.9	15.1	19.8						
16.0	71.3	82.3	15.1	15.9						
18.0	67.7	81.5	14.4	13.3						
20.0	63.9	80.6	11.8	11.1						
22.0	60.1	79.5	9.9	9.6						
24.0	56.1	78.2	8.3	8.1						
26.0	51.8	76.7	7.0	7.0						
28.0	47.4	75.0	6.1	6.1						
30.0	42.5	72.9	5.3	5.4						
32.0	37.1	70.5	4.6	4.7						
34.0	30.9	67.5	4.1	4.2						
36.0	23.2	63.5	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	82.2	15.1	16.2						
20.0	71.5	81.9	15.1	16.1						
22.0	67.9	81.2	14.4	13.4						
24.0	64.2	80.2	12.0	11.2						
26.0	60.4	79.2	10.0	9.6						
28.0	56.4	77.9	8.4	8.2						
30.0	52.2	76.4	7.1	7.1						
32.0	47.7	74.7	6.2	6.3						
34.0	42.8	72.7	5.4	5.5						
36.0	37.5	70.2	4.7	4.8						
38.0	31.4	67.3	4.2	4.3						
40.0	23.8	63.4	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	79.0		10.9						
32.0	61.4	78.1	10.5	10.1						
34.0	57.4	76.8	8.8	8.7						
36.0	53.3	75.4	7.5	7.4						
38.0	48.9	73.8	6.5	6.6						
40.0	44.1	71.8	5.6	5.7						
42.0	38.9	69.5	4.9	5.0						
44.0	33.0	66.7	4.4	4.5						
46.0	25.9	63.1	3.9	4.0						
Ángulo de pluma principal 65.0 [°]										
42.9	55.0	73.0		4.6						
44.0	52.7	72.2	5.2	4.3						
46.0	48.3	70.6	4.5	3.7						
48.0	43.5	68.6	3.9	3.1						
50.0	38.3	66.2	3.3	2.6						
54.0	25.8	59.6	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
12.8	78.0	86.3	15.1	21.9						
13.0	77.7	86.3	15.1	21.9						
14.0	76.1	86.0	15.1	21.2						
16.0	72.9	85.5	15.1	17.1						
18.0	69.6	84.8	14.9	14.3						
20.0	66.2	83.9	13.0	12.1						
22.0	62.8	82.9	10.8	10.4						
24.0	59.2	81.8	9.2	9.0						
26.0	55.5	80.5	7.9	7.8						
28.0	51.6	78.9	6.8	6.9						
30.0	47.4	77.2	6.0	6.1						
32.0	43.0	75.2	5.3	5.4						
34.0	38.1	72.8	4.6	4.7						
36.0	32.6	69.9	4.1	4.2						
38.0	26.1	66.3	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	85.1	15.1	15.9						
22.0	69.8	84.4	14.9	14.5						
24.0	66.5	83.6	13.2	12.3						
26.0	63.0	82.6	10.9	10.5						
28.0	59.4	81.5	9.3	9.1						
30.0	55.7	80.2	8.0	7.9						
32.0	51.8	78.7	6.9	7.0						
34.0	47.7	76.9	6.1	6.2						
36.0	43.3	74.9	5.4	5.5						
38.0	38.5	72.6	4.7	4.8						
40.0	33.0	69.7	4.2	4.4						
42.0	26.6	66.2	3.8	3.9						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	81.7	11.1	10.7						
32.0	63.9	81.5	11.1	10.7						
34.0	60.4	80.4	9.7	9.5						
36.0	56.7	79.1	8.3	8.3						
38.0	52.8	77.7	7.2	7.3						
40.0	48.8	76.0	6.4	6.5						
42.0	44.5	74.1	5.6	5.7						
44.0	39.8	71.8	5.0	5.1						
46.0	34.5	69.1	4.4	4.5						
48.0	28.4	65.8	4.0	4.1						
50.0	20.6	61.4	3.6	3.7						
Ángulo de pluma principal 65.0 [°]										
44.7	55.0	75.4		4.0						
46.0	52.4	74.5	4.4	3.6						
48.0	48.3	72.8	3.8	3.1						
50.0	43.9	70.8	3.2	2.6						
54.0	34.3	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 71.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.4	78.0	89.3		22.4						
14.0	77.1	89.1	15.1	22.4						
16.0	74.2	88.6	15.1	19.5						
18.0	71.2	88.0	14.7	16.4						
20.0	68.1	87.2	14.0	14.2						
22.0	65.0	86.3	11.7	12.2						
24.0	61.7	85.2	10.1	10.6						
26.0	58.4	84.1	8.8	9.4						
28.0	54.9	82.7	7.7	8.3						
30.0	51.3	81.2	6.8	7.4						
32.0	47.5	79.4	6.2	6.7						
34.0	43.4	77.4	5.5	6.0						
36.0	39.0	75.1	5.0	5.4						
38.0	34.0	72.4	4.5	4.9						
40.0	28.3	69.0	4.2	4.5						
42.0	21.2	64.7	3.8	4.1						
Ángulo de pluma principal 83.0 [°]										
20.9	73.0	87.9		16.8						
22.0	71.4	87.6	15.1	16.7						
24.0	68.3	86.8	14.4	14.2						
26.0	65.2	85.9	12.7	12.3						
28.0	62.0	84.9	11.0	10.8						
30.0	58.6	83.7	9.6	9.5						
32.0	55.2	82.4	8.3	8.4						
34.0	51.6	80.9	7.4	7.5						
36.0	47.8	79.2	6.6	6.8						
38.0	43.7	77.2	5.9	6.1						
40.0	39.3	74.9	5.3	5.5						
42.0	34.4	72.2	4.8	5.0						
44.0	28.8	68.9	4.4	4.6						
46.0	21.8	64.6	4.0	4.2						
Ángulo de pluma principal 75.0 [°]										
32.6	65.0	84.5		11.2						
34.0	62.8	83.8	11.7	10.4						
36.0	59.5	82.7	10.0	9.3						
38.0	56.1	81.4	8.8	8.3						
40.0	52.5	79.9	7.7	7.5						
42.0	48.8	78.2	6.9	6.7						
44.0	44.8	76.3	6.2	6.0						
46.0	40.4	74.1	5.6	5.4						
48.0	35.7	71.5	5.0	4.8						
50.0	30.3	68.4	4.6	4.2						
Ángulo de pluma principal 65.0 [°]										
46.4	55.0	77.9		3.4						
48.0	52.1	76.7	3.5	2.9						
50.0	48.3	75.0	3.0	2.5						
53.0	42.5	72.0	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
11.6	78.0	80.5	15.1	20.5						
12.0	77.1	80.4	15.1	20.5						
13.0	75.2	80.1	15.1	18.8						
14.0	73.3	79.8	15.1	16.6						
16.0	69.4	79.1	14.2	13.2						
18.0	65.3	78.2	11.6	10.6						
20.0	61.2	77.2	9.0	8.7						
22.0	56.8	75.9	7.3	7.2						
24.0	52.2	74.5	5.9	5.9						
26.0	47.3	72.7	5.0	5.0						
28.0	41.9	70.6	4.2	4.2						
30.0	35.8	68.1	3.6	3.6						
32.0	28.7	64.9	2.9	3.0						
Ángulo de pluma principal 83.0 [°]										
18.3	73.0	79.3		14.7						
20.0	69.7	78.7	14.7	13.4						
22.0	65.6	77.9	11.6	10.7						
24.0	61.5	76.8	9.0	8.7						
26.0	57.1	75.6	7.4	7.2						
28.0	52.5	74.2	6.1	6.1						
30.0	47.6	72.5	5.2	5.2						
32.0	42.3	70.4	4.4	4.4						
34.0	36.3	67.9	3.7	3.7						
36.0	29.2	64.8	3.2	3.2						
Ángulo de pluma principal 75.0 [°]										
28.8	65.0	76.3		9.5						
30.0	62.5	75.7	9.7	9.2						
32.0	58.2	74.6	7.8	7.6						
34.0	53.7	73.2	6.5	6.4						
36.0	48.9	71.5	5.5	5.5						
38.0	43.7	69.6	4.7	4.7						
40.0	37.9	67.2	4.0	4.0						
42.0	31.2	64.2	3.4	3.5						
44.0	22.6	60.3	3.0	3.0						
Ángulo de pluma principal 65.0 [°]										
41.2	55.0	70.5		3.2						
42.0	53.2	70.0	3.8	2.9						
44.0	48.3	68.3	3.0	2.3						
46.0	43.5	66.3	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 77.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.2	78.0	83.4	15.1	18.3						
13.0	76.6	83.2	15.1	18.3						
14.0	74.8	82.9	15.1	16.4						
16.0	71.3	82.3	13.8	13.1						
18.0	67.7	81.5	11.6	10.7						
20.0	63.9	80.6	9.0	8.7						
22.0	60.1	79.5	7.3	7.2						
24.0	56.1	78.2	6.0	6.0						
26.0	51.8	76.7	5.0	5.0						
28.0	47.4	75.0	4.2	4.2						
30.0	42.5	72.9	3.5	3.6						
32.0	37.1	70.5	3.0	3.0						
34.0	30.9	67.5	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	82.2	12.7	13.1						
20.0	71.5	81.9	12.6	13.0						
22.0	67.9	81.2	10.2	10.7						
24.0	64.2	80.2	8.1	8.6						
26.0	60.4	79.2	6.7	7.2						
28.0	56.4	77.9	5.6	6.0						
30.0	52.2	76.4	4.8	5.1						
32.0	47.7	74.7	4.1	4.4						
34.0	42.8	72.7	3.5	3.7						
36.0	37.5	70.2	3.0	3.2						
38.0	31.4	67.3	2.5	2.7						
40.0	23.8	63.4	2.1	2.3						
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	79.0		8.3						
32.0	61.4	78.1	7.7	7.7						
34.0	57.4	76.8	6.5	6.5						
36.0	53.3	75.4	5.4	5.4						
38.0	48.9	73.8	4.6	4.7						
40.0	44.1	71.8	3.9	4.0						
42.0	38.9	69.5	3.3	3.4						
44.0	33.0	66.7	2.8	2.9						
46.0	25.9	63.1	2.5	2.5						
Ángulo de pluma principal 65.0 [°]										
42.9	55.0	73.0		2.6						
44.0	52.7	72.2	2.9	2.2						
46.0	48.6	70.6	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
12.8	78.0	86.3	15.1	19.0						
13.0	77.7	86.3	15.1	19.0						
14.0	76.1	86.0	15.1	18.5						
16.0	72.9	85.5	14.9	15.1						
18.0	69.6	84.8	13.0	12.3						
20.0	66.2	83.9	10.8	10.2						
22.0	62.8	82.9	8.7	8.5						
24.0	59.2	81.8	7.3	7.3						
26.0	55.5	80.5	6.2	6.2						
28.0	51.6	78.9	5.3	5.4						
30.0	47.4	77.2	4.6	4.7						
32.0	43.0	75.2	4.0	4.1						
34.0	38.1	72.8	3.5	3.6						
36.0	32.6	69.9	3.0	3.0						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	85.1	14.1	13.5						
22.0	69.8	84.4	13.2	12.3						
24.0	66.5	83.6	10.8	10.2						
26.0	63.0	82.6	8.7	8.6						
28.0	59.4	81.5	7.4	7.4						
30.0	55.7	80.2	6.3	6.3						
32.0	51.8	78.7	5.4	5.5						
34.0	47.7	76.9	4.8	4.9						
36.0	43.3	74.9	4.2	4.2						
38.0	38.5	72.6	3.6	3.7						
40.0	33.0	69.7	3.2	3.3						
42.0	26.6	66.2	2.7	2.8						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	81.7	8.8	8.8						
32.0	63.9	81.5	8.8	8.7						
34.0	60.4	80.4	7.7	7.7						
36.0	56.7	79.1	6.7	6.7						
38.0	52.8	77.7	5.7	5.8						
40.0	48.8	76.0	5.1	5.1						
42.0	44.5	74.1	4.4	4.4						
44.0	39.8	71.8	3.9	3.7						
46.0	34.5	69.1	3.4	3.1						
48.0	28.4	65.8	3.1	2.6						
50.0	20.6	61.4	2.7	2.1						
Ángulo de pluma principal 65.0 [°]										
44.7	55.0	75.4		2.1						
46.0	52.6	74.5	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 83.5 m Plumín 40.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.4	78.0	89.3		15.9						
14.0	77.1	89.1	15.1	15.9						
16.0	74.2	88.6	13.7	14.0						
18.0	71.2	88.0	11.0	11.5						
20.0	68.1	87.2	8.9	9.6						
22.0	65.0	86.3	7.3	7.9						
24.0	61.7	85.2	6.1	6.6						
26.0	58.4	84.1	5.2	5.7						
28.0	54.9	82.7	4.5	4.8						
30.0	51.3	81.2	3.8	4.2						
32.0	47.5	79.4	3.3	3.6						
34.0	43.4	77.4	2.9	3.1						
36.0	39.0	75.1	2.5	2.7						
Ángulo de pluma principal 83.0 [°]										
20.9	73.0	87.9		11.5						
22.0	71.4	87.6	10.9	11.4						
24.0	68.3	86.8	9.4	9.4						
26.0	65.2	85.9	7.9	7.9						
28.0	62.0	84.9	6.7	6.7						
30.0	58.6	83.7	5.7	5.8						
32.0	55.2	82.4	4.8	4.9						
34.0	51.6	80.9	4.1	4.3						
36.0	47.8	79.2	3.6	3.7						
38.0	43.7	77.2	3.1	3.2						
40.0	39.3	74.9	2.7	2.8						
42.0	34.4	72.2	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
32.6	65.0	84.5		7.2						
34.0	62.8	83.8	7.1	7.1						
36.0	59.5	82.7	6.0	6.1						
38.0	56.1	81.4	5.2	5.3						
40.0	52.5	79.9	4.4	4.5						
42.0	48.8	78.2	3.9	4.0						
44.0	44.8	76.3	3.4	3.4						
46.0	40.4	74.1	2.9	2.9						
48.0	35.7	71.5	2.5	2.5						
50.0	30.3	68.4	2.2	2.1						
51.0	27.9	66.6	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 86.5 m Plumín 43.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
14.0	78.0	92.2		14.4						
16.0	75.3	91.7	14.5	13.3						
18.0	72.5	91.1	11.5	10.8						
20.0	69.7	90.4	8.9	8.8						
22.0	66.8	89.6	7.3	7.3						
24.0	63.9	88.6	6.0	6.0						
26.0	60.8	87.6	5.0	5.1						
28.0	57.7	86.3	4.3	4.3						
30.0	54.5	85.0	3.6	3.7						
32.0	51.1	83.4	3.0	3.1						
34.0	47.5	81.7	2.6	2.7						
36.0	43.7	79.7	2.2	2.2						
Ángulo de pluma principal 83.0 [°]										
21.8	73.0	90.8		9.7						
22.0	72.7	90.8	9.9	9.7						
24.0	69.9	90.1	9.0	8.8						
26.0	67.0	89.2	7.3	7.3						
28.0	64.1	88.3	6.1	6.1						
30.0	61.1	87.2	5.2	5.3						
32.0	57.9	86.0	4.4	4.5						
34.0	54.7	84.7	3.7	3.8						
36.0	51.3	83.1	3.2	3.3						
38.0	47.8	81.4	2.7	2.8						
40.0	44.0	79.4	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
33.9	65.0	87.2		6.0						
34.0	64.8	87.2	5.8	6.0						
36.0	61.8	86.1	5.5	5.6						
38.0	58.7	85.0	4.6	4.7						
40.0	55.5	83.6	3.9	4.1						
42.0	52.2	82.1	3.3	3.5						
44.0	48.7	80.5	2.9	3.0						
46.0	45.0	78.6	2.5	2.6						
48.0	41.0	76.4	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
14.7	78.0	95.1	14.1	13.4						
16.0	76.3	94.8	14.0	13.3						
18.0	73.7	94.3	11.2	10.7						
20.0	71.1	93.6	8.9	8.7						
22.0	68.4	92.8	7.2	7.3						
24.0	65.7	92.0	6.0	6.0						
26.0	62.9	91.0	5.0	5.0						
28.0	60.1	89.9	4.2	4.3						
30.0	57.1	88.6	3.6	3.6						
32.0	54.1	87.2	3.0	3.1						
34.0	50.9	85.7	2.5	2.6						
36.0	47.6	83.9	2.1	2.2						
Ángulo de pluma principal 83.0 [°]										
22.7	73.0	93.7	8.8	8.7						
24.0	71.3	93.3	8.7	8.7						
26.0	68.6	92.5	7.1	7.2						
28.0	65.9	91.6	6.0	6.1						
30.0	63.1	90.7	5.1	5.2						
32.0	60.3	89.6	4.4	4.5						
34.0	57.3	88.3	3.7	3.8						
36.0	54.3	86.9	3.1	3.2						
38.0	51.1	85.4	2.7	2.7						
40.0	47.8	83.6	2.3	2.3						
Ángulo de pluma principal 75.0 [°]										
35.2	65.0	89.9	5.2	5.3						
36.0	63.8	89.5	5.2	5.3						
38.0	61.0	88.5	4.6	4.7						
40.0	58.1	87.2	3.9	4.0						
42.0	55.1	85.9	3.3	3.4						
44.0	52.0	84.4	2.8	2.9						
46.0	48.7	82.7	2.4	2.5						
48.0	45.2	80.8	2.1	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.3	78.0	98.1	10.7	11.9						
16.0	77.2	97.9	10.7	11.9						
18.0	74.7	97.4	9.8	10.4						
20.0	72.3	96.8	8.4	8.6						
22.0	69.8	96.1	6.9	7.0						
24.0	67.3	95.3	5.9	5.9						
26.0	64.7	94.3	4.9	5.0						
28.0	62.1	93.3	4.1	4.2						
30.0	59.4	92.2	3.5	3.6						
32.0	56.6	90.9	2.9	3.0						
34.0	53.7	89.5	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
23.6	73.0	96.5	7.7	7.8						
24.0	72.5	96.4	7.7	7.8						
26.0	70.0	95.7	7.0	7.0						
28.0	67.5	94.9	5.9	6.0						
30.0	64.9	94.0	5.0	5.0						
32.0	62.3	93.0	4.2	4.3						
34.0	59.6	91.9	3.6	3.7						
36.0	56.8	90.6	3.0	3.1						
38.0	53.9	89.2	2.5	2.6						
40.0	51.0	87.6	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
36.4	65.0	92.6		4.6						
38.0	62.9	91.9	4.5	4.5						
40.0	60.3	90.8	3.8	3.9						
42.0	57.5	89.5	3.3	3.4						
44.0	54.7	88.2	2.7	2.8						
46.0	51.7	86.6	2.3	2.4						
48.0	48.6	84.8		2.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
15.9	78.0	101.0		9.6						
16.0	77.9	101.0	8.4	9.6						
18.0	75.6	100.5	8.0	9.1						
20.0	73.3	99.9	7.2	7.9						
22.0	71.0	99.3	6.0	6.4						
24.0	68.7	98.5	5.2	5.3						
26.0	66.3	97.7	4.3	4.4						
28.0	63.8	96.7	3.5	3.7						
30.0	61.3	95.6	2.9	3.1						
32.0	58.8	94.5	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
24.4	73.0	99.4		6.5						
26.0	71.2	98.9	6.0	6.4						
28.0	68.8	98.2	5.2	5.3						
30.0	66.4	97.3	4.4	4.5						
32.0	64.0	96.4	3.6	3.7						
34.0	61.5	95.3	3.1	3.2						
36.0	59.0	94.1	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
37.7	65.0	95.3		3.6						
38.0	64.6	95.2	3.5	3.6						
40.0	62.1	94.2	3.2	3.4						
42.0	59.6	93.1	2.7	2.8						
44.0	57.0	91.8	2.3	2.4						
45.0	55.7	91.1	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
7.9	78.0	65.9		30.1						
8.0	77.6	65.9	15.1	30.1						
9.0	73.0	65.5	15.1	26.5						
10.0	68.3	65.1	15.1	19.4						
11.0	63.3	64.6	15.1	15.1						
12.0	58.2	64.0	13.5	12.4						
13.0	52.6	63.3	11.4	10.4						
14.0	46.6	62.4	9.8	9.0						
16.0	31.6	59.8	7.1	6.9						
Ángulo de pluma principal 83.0 [°]										
13.4	73.0	65.1		25.0						
14.0	70.2	64.9	15.1	21.5						
16.0	60.3	63.9	14.5	13.4						
18.0	49.1	62.4	10.4	9.5						
20.0	35.1	60.0	7.4	7.2						
Ángulo de pluma principal 75.0 [°]										
22.0	65.0	62.9		15.6						
24.0	54.4	61.7	12.3	10.8						
26.0	42.1	59.8	8.5	8.0						
Ángulo de pluma principal 65.0 [°]										
32.2	55.0	58.5		10.7						
34.0	43.8	56.9	8.8	8.3						
36.0	27.4	54.0	6.6	6.4						
37.0	17.4	51.4	5.8							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 74.0
 Lastre central [t]: 0.0

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
8.5	78.0	68.8		30.1						
9.0	76.3	68.7	15.1	30.1						
10.0	72.5	68.4	15.1	25.9						
11.0	68.7	68.0	15.1	20.5						
12.0	64.7	67.5	14.8	16.7						
13.0	60.6	67.0	14.1	14.2						
14.0	56.3	66.3	12.0	12.3						
16.0	46.9	64.6	9.1	9.6						
18.0	35.5	62.3	7.2	7.7						
Ángulo de pluma principal 83.0 [°]										
14.3	73.0	68.0	15.1	25.2						
16.0	66.4	67.3	15.1	18.0						
18.0	58.1	66.2	13.2	12.9						
20.0	48.9	64.6	10.0	10.0						
22.0	38.0	62.4	7.8	8.0						
Ángulo de pluma principal 75.0 [°]										
23.3	65.0	65.6	15.1	16.1						
24.0	62.0	65.2	15.1	14.8						
26.0	53.3	63.9	12.0	11.1						
28.0	43.3	62.0	9.1	8.8						
30.0	30.7	59.3	7.3	7.3						
Ángulo de pluma principal 65.0 [°]										
33.9	55.0	60.9		10.4						
34.0	54.4	60.9	11.4	10.3						
36.0	44.7	59.1	8.9	9.0						
38.0	32.6	56.5	7.1	7.4						
40.0	15.4	51.7	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.2	78.0	71.7	15.1	30.1						
10.0	75.4	71.5	15.1	29.1						
11.0	72.2	71.2	15.1	24.9						
12.0	69.0	70.8	15.1	20.8						
13.0	65.7	70.4	15.1	17.7						
14.0	62.3	69.8	15.1	15.4						
16.0	55.1	68.6	13.0	12.1						
18.0	47.1	66.9	10.9	9.9						
20.0	37.8	64.6	8.7	8.3						
22.0	25.6	61.3	7.2	7.0						
Ángulo de pluma principal 83.0 [°]										
15.2	73.0	70.8	15.1	24.6						
16.0	70.3	70.5	15.1	22.1						
18.0	63.7	69.6	15.1	16.2						
20.0	56.6	68.4	13.5	12.7						
22.0	48.8	66.8	11.4	10.4						
24.0	39.8	64.7	9.1	8.6						
26.0	28.5	61.7	7.5	7.3						
Ángulo de pluma principal 75.0 [°]										
24.5	65.0	68.3		16.3						
26.0	59.9	67.5	14.6	14.0						
28.0	52.5	66.1	11.7	11.3						
30.0	44.2	64.3	9.4	9.3						
32.0	34.2	61.7	7.7	7.9						
Ángulo de pluma principal 65.0 [°]										
35.6	55.0	63.4		9.6						
36.0	53.5	63.2	10.8	9.4						
38.0	45.3	61.4	9.8	8.4						
40.0	35.6	58.9	8.3	7.5						
42.0	22.2	55.3	7.0	6.6						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
9.8	78.0	74.7	15.1	30.1						
10.0	77.4	74.6	15.1	30.1						
11.0	74.7	74.3	15.1	25.3						
12.0	72.0	74.0	15.1	21.2						
13.0	69.2	73.6	15.1	18.3						
14.0	66.4	73.2	15.1	15.9						
16.0	60.5	72.2	14.5	12.7						
18.0	54.2	70.8	11.2	10.3						
20.0	47.3	69.1	9.1	8.7						
22.0	39.4	66.9	7.5	7.3						
24.0	29.8	64.0	6.4	6.3						
Ángulo de pluma principal 83.0 [°]										
16.0	73.0	73.7		21.3						
18.0	67.5	73.0	15.1	16.8						
20.0	61.7	72.0	14.1	13.2						
22.0	55.5	70.7	11.1	10.7						
24.0	48.7	69.1	9.0	9.0						
26.0	41.1	67.0	7.5	7.6						
28.0	32.0	64.2	6.4	6.6						
Ángulo de pluma principal 75.0 [°]										
25.8	65.0	71.0		14.3						
26.0	64.4	71.0	15.1	14.3						
28.0	58.4	69.8	13.1	11.8						
30.0	51.9	68.4	10.3	9.7						
32.0	44.7	66.5	8.5	8.2						
34.0	36.4	64.1	7.1	7.0						
36.0	25.8	60.8	6.1	6.1						
Ángulo de pluma principal 65.0 [°]										
37.3	55.0	65.8		8.6						
38.0	52.7	65.4	9.5	8.3						
40.0	45.7	63.6	8.6	7.4						
42.0	37.6	61.3	7.2	6.7						
44.0	27.4	58.1	6.3	6.0						
45.0	20.5	55.8	5.8	5.6						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.4	78.0	77.6	15.1	26.8						
11.0	76.6	77.5	15.1	25.8						
12.0	74.2	77.2	15.1	21.7						
13.0	71.8	76.8	15.1	18.6						
14.0	69.4	76.5	15.1	16.4						
16.0	64.3	75.6	12.4	13.0						
18.0	59.1	74.4	10.3	10.7						
20.0	53.5	73.1	8.4	9.0						
22.0	47.4	71.3	7.1	7.7						
24.0	40.6	69.2	6.1	6.6						
26.0	32.6	66.5	5.4	5.8						
28.0	22.1	62.6	4.7	5.0						
Ángulo de pluma principal 83.0 [°]										
16.9	73.0	76.6		18.8						
18.0	70.4	76.2	15.1	17.1						
20.0	65.4	75.3	14.0	13.5						
22.0	60.1	74.3	12.1	11.1						
24.0	54.6	72.9	9.6	9.3						
26.0	48.6	71.3	8.0	7.9						
28.0	42.0	69.3	6.8	6.8						
30.0	34.4	66.7	5.9	5.9						
32.0	24.6	63.1	5.1	5.2						
Ángulo de pluma principal 75.0 [°]										
27.1	65.0	73.8	13.2	12.8						
28.0	62.6	73.3	12.6	12.2						
30.0	57.2	72.1	10.1	10.1						
32.0	51.5	70.6	8.3	8.5						
34.0	45.2	68.8	7.1	7.3						
36.0	38.1	66.5	6.1	6.3						
38.0	29.5	63.4	5.3	5.6						
Ángulo de pluma principal 65.0 [°]										
39.0	55.0	68.3		7.9						
40.0	52.2	67.7	8.5	7.5						
42.0	46.0	65.9	7.5	6.7						
44.0	39.0	63.6	6.4	6.0						
46.0	30.7	60.7	5.6	5.4						
48.0	19.1	56.4	4.9	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.0	78.0	80.5		30.1						
12.0	76.0	80.3	15.1	30.1						
13.0	73.8	80.0	15.1	29.7						
14.0	71.7	79.7	15.1	26.2						
16.0	67.3	78.9	15.1	21.4						
18.0	62.7	77.9	15.1	17.8						
20.0	57.9	76.7	14.5	15.3						
22.0	52.9	75.3	13.7	13.4						
24.0	47.5	73.6	12.6	11.9						
26.0	41.5	71.5	11.0	10.7						
28.0	34.6	68.9	9.7	9.7						
30.0	26.2	65.4	8.8	8.9						
Ángulo de pluma principal 83.0 [°]										
17.8	73.0	79.4	15.1	26.6						
18.0	72.5	79.4	15.1	26.5						
20.0	68.2	78.6	15.1	22.2						
22.0	63.6	77.7	15.1	18.3						
24.0	58.9	76.6	14.7	15.8						
26.0	53.9	75.2	14.0	13.7						
28.0	48.6	73.5	13.0	12.2						
30.0	42.7	71.5	11.4	10.9						
32.0	36.1	69.0	10.0	9.9						
34.0	28.1	65.8	9.1	9.1						
Ángulo de pluma principal 75.0 [°]										
28.3	65.0	76.5		16.8						
30.0	61.1	75.6	15.1	15.4						
32.0	56.3	74.4	14.6	13.9						
34.0	51.1	72.9	13.5	12.6						
36.0	45.5	71.0	12.1	11.5						
38.0	39.3	68.8	10.6	10.3						
40.0	32.0	65.9	9.5	9.4						
42.0	22.7	62.0	8.6	8.7						
Ángulo de pluma principal 65.0 [°]										
40.8	55.0	70.8		7.0						
42.0	51.8	69.9	7.5	6.6						
44.0	46.2	68.1	6.8	5.9						
46.0	40.1	65.9	6.1	5.3						
48.0	33.0	63.2	5.5	4.8						
50.0	24.0	59.4	5.0	4.2						
51.0	17.9	56.9	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.2	78.0	71.7	15.1	30.1						
10.0	75.4	71.5	15.1	30.1						
11.0	72.2	71.2	15.1	28.8						
12.0	69.0	70.8	15.1	26.0						
13.0	65.7	70.4	15.1	22.2						
14.0	62.3	69.8	15.1	19.2						
16.0	55.1	68.6	14.9	15.0						
18.0	47.1	66.9	13.8	12.3						
20.0	37.8	64.6	10.8	10.1						
22.0	25.6	61.3	8.8	8.5						
Ángulo de pluma principal 83.0 [°]										
15.2	73.0	70.8	15.1	29.6						
16.0	70.3	70.5	15.1	27.8						
18.0	63.7	69.6	15.1	20.2						
20.0	56.6	68.4	15.1	15.7						
22.0	48.8	66.8	14.5	12.7						
24.0	39.8	64.7	11.4	10.5						
26.0	28.5	61.7	9.3	8.9						
Ángulo de pluma principal 75.0 [°]										
24.5	65.0	68.3		17.5						
26.0	59.9	67.5	15.1	15.6						
28.0	52.5	66.1	14.8	13.5						
30.0	44.2	64.3	12.8	11.5						
32.0	34.2	61.7	10.2	9.6						
Ángulo de pluma principal 65.0 [°]										
35.6	55.0	63.4		7.1						
36.0	53.5	63.2	8.6	6.9						
38.0	45.3	61.4	7.5	5.8						
40.0	35.6	58.9	6.5	4.9						
42.0	22.2	55.3	5.6	4.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
9.8	78.0	74.7	15.1	30.1						
10.0	77.4	74.6	15.1	30.1						
11.0	74.7	74.3	15.1	28.3						
12.0	72.0	74.0	15.1	24.3						
13.0	69.2	73.6	15.1	20.8						
14.0	66.4	73.2	15.1	18.1						
16.0	60.5	72.2	15.0	14.3						
18.0	54.2	70.8	12.2	11.5						
20.0	47.3	69.1	10.2	9.5						
22.0	39.4	66.9	8.2	7.9						
24.0	29.8	64.0	6.8	6.7						
Ángulo de pluma principal 83.0 [°]										
16.0	73.0	73.7		23.6						
18.0	67.5	73.0	15.1	19.1						
20.0	61.7	72.0	15.1	14.9						
22.0	55.5	70.7	12.3	11.9						
24.0	48.7	69.1	10.1	9.9						
26.0	41.1	67.0	8.2	8.2						
28.0	32.0	64.2	6.8	7.0						
Ángulo de pluma principal 75.0 [°]										
25.8	65.0	71.0		15.8						
26.0	64.4	71.0	15.1	15.8						
28.0	58.4	69.8	14.6	13.2						
30.0	51.9	68.4	11.7	10.7						
32.0	44.7	66.5	9.5	9.0						
34.0	36.4	64.1	7.7	7.6						
36.0	25.8	60.8	6.6	6.5						
Ángulo de pluma principal 65.0 [°]										
37.3	55.0	65.8		6.3						
38.0	52.7	65.4	7.4	5.9						
40.0	45.7	63.6	6.4	5.1						
42.0	37.6	61.3	5.5	4.3						
44.0	27.4	58.1	4.7	3.6						
45.0	20.5	55.8	4.3	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.4	78.0	77.6	15.1	29.3						
11.0	76.6	77.5	15.1	29.2						
12.0	74.2	77.2	15.1	24.6						
13.0	71.8	76.8	15.1	21.1						
14.0	69.4	76.5	15.1	18.5						
16.0	64.3	75.6	14.1	14.7						
18.0	59.1	74.4	12.6	12.2						
20.0	53.5	73.1	10.3	10.2						
22.0	47.4	71.3	8.7	8.8						
24.0	40.6	69.2	7.4	7.6						
26.0	32.6	66.5	6.4	6.6						
28.0	22.1	62.6	5.6	5.8						
Ángulo de pluma principal 83.0 [°]										
16.9	73.0	76.6		21.0						
18.0	70.4	76.2	15.1	19.6						
20.0	65.4	75.3	14.7	15.4						
22.0	60.1	74.3	13.6	12.7						
24.0	54.6	72.9	11.1	10.6						
26.0	48.6	71.3	9.4	9.1						
28.0	42.0	69.3	7.9	7.8						
30.0	34.4	66.7	6.8	6.8						
32.0	24.6	63.1	6.0	6.0						
Ángulo de pluma principal 75.0 [°]										
27.1	65.0	73.8	14.5	14.3						
28.0	62.6	73.3	14.2	13.8						
30.0	57.2	72.1	11.6	11.5						
32.0	51.5	70.6	9.6	9.7						
34.0	45.2	68.8	8.2	8.4						
36.0	38.1	66.5	7.0	7.3						
38.0	29.5	63.4	6.2	6.4						
Ángulo de pluma principal 65.0 [°]										
39.0	55.0	68.3		5.6						
40.0	52.2	67.7	6.4	5.2						
42.0	46.0	65.9	5.6	4.4						
44.0	39.0	63.6	4.8	3.8						
46.0	30.7	60.7	4.1	3.1						
48.0	19.1	56.4	3.4	2.6						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.0	78.0	80.5		27.0						
12.0	76.0	80.3	15.1	25.7						
13.0	73.8	80.0	15.1	22.2						
14.0	71.7	79.7	15.1	19.4						
16.0	67.3	78.9	14.5	15.5						
18.0	62.7	77.9	12.8	12.7						
20.0	57.9	76.7	10.9	10.7						
22.0	52.9	75.3	8.9	9.0						
24.0	47.5	73.6	7.5	7.7						
26.0	41.5	71.5	6.4	6.6						
28.0	34.6	68.9	5.5	5.7						
30.0	26.2	65.4	4.8	5.0						
Ángulo de pluma principal 83.0 [°]										
17.8	73.0	79.4	15.1	19.3						
18.0	72.5	79.4	15.1	19.2						
20.0	68.2	78.6	15.1	16.1						
22.0	63.6	77.7	13.6	13.2						
24.0	58.9	76.6	11.8	11.1						
26.0	53.9	75.2	9.6	9.3						
28.0	48.6	73.5	8.1	8.0						
30.0	42.7	71.5	6.9	6.9						
32.0	36.1	69.0	5.9	6.0						
34.0	28.1	65.8	5.2	5.3						
Ángulo de pluma principal 75.0 [°]										
28.3	65.0	76.5		13.1						
30.0	61.1	75.6	12.4	12.0						
32.0	56.3	74.4	10.2	10.1						
34.0	51.1	72.9	8.4	8.6						
36.0	45.5	71.0	7.2	7.4						
38.0	39.3	68.8	6.2	6.4						
40.0	32.0	65.9	5.5	5.6						
42.0	22.7	62.0	4.8	5.0						
Ángulo de pluma principal 65.0 [°]										
40.8	55.0	70.8		4.8						
42.0	51.8	69.9	5.4	4.4						
44.0	46.2	68.1	4.6	3.7						
46.0	40.1	65.9	3.9	3.1						
48.0	33.0	63.2	3.3	2.6						
50.0	24.0	59.4	2.7	2.1						
51.0	19.5	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
11.7	78.0	83.5	15.1	24.5						
12.0	77.3	83.4	15.1	24.5						
13.0	75.4	83.1	15.1	22.5						
14.0	73.5	82.8	15.1	19.9						
16.0	69.6	82.1	15.1	15.8						
18.0	65.6	81.3	13.4	13.0						
20.0	61.4	80.2	11.6	11.1						
22.0	57.0	79.0	9.7	9.3						
24.0	52.4	77.5	8.0	7.9						
26.0	47.5	75.8	6.8	6.9						
28.0	42.2	73.8	5.9	6.0						
30.0	36.2	71.3	5.1	5.2						
32.0	29.1	68.1	4.5	4.6						
Ángulo de pluma principal 83.0 [°]										
18.7	73.0	82.3	15.1	17.5						
20.0	70.4	81.9	15.1	16.5						
22.0	66.4	81.0	14.5	13.5						
24.0	62.2	80.0	12.0	11.3						
26.0	57.9	78.8	10.1	9.6						
28.0	53.4	77.4	8.3	8.2						
30.0	48.6	75.8	7.1	7.2						
32.0	43.3	73.8	6.2	6.2						
34.0	37.5	71.4	5.3	5.4						
36.0	30.6	68.4	4.7	4.8						
38.0	21.9	64.3	4.1	4.2						
Ángulo de pluma principal 75.0 [°]										
29.6	65.0	79.2		11.9						
30.0	64.2	79.0	12.7	11.9						
32.0	59.9	77.9	10.9	10.4						
34.0	55.5	76.6	9.1	8.9						
36.0	50.8	75.1	7.7	7.7						
38.0	45.8	73.3	6.7	6.7						
40.0	40.2	71.1	5.8	5.8						
42.0	33.9	68.4	5.0	5.1						
44.0	26.3	64.9	4.5	4.6						
Ángulo de pluma principal 65.0 [°]										
42.5	55.0	73.2		4.3						
44.0	51.4	72.1	4.7	3.8						
46.0	46.4	70.3	4.0	3.2						
48.0	41.0	68.2	3.4	2.7						
50.0	34.8	65.6	2.8	2.2						
53.0	23.8	60.1	2.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.3	78.0	86.4	15.1	22.3						
13.0	76.8	86.2	15.1	22.3						
14.0	75.0	86.0	15.1	19.9						
16.0	71.5	85.3	15.1	16.0						
18.0	67.9	84.6	14.6	13.4						
20.0	64.1	83.6	11.9	11.2						
22.0	60.3	82.5	10.0	9.6						
24.0	56.3	81.3	8.4	8.2						
26.0	52.1	79.8	7.1	7.0						
28.0	47.6	78.1	6.1	6.2						
30.0	42.8	76.0	5.3	5.4						
32.0	37.4	73.6	4.6	4.7						
34.0	31.2	70.6	4.1	4.1						
36.0	23.6	66.7	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
19.5	73.0	85.2		16.0						
20.0	72.2	85.0	15.1	16.0						
22.0	68.6	84.3	14.5	13.7						
24.0	64.9	83.4	12.4	11.5						
26.0	61.1	82.3	10.3	9.9						
28.0	57.1	81.1	8.7	8.5						
30.0	52.9	79.7	7.3	7.3						
32.0	48.5	78.0	6.4	6.4						
34.0	43.8	76.0	5.5	5.6						
36.0	38.5	73.7	4.8	4.9						
38.0	32.6	70.9	4.3	4.3						
40.0	25.3	67.2	3.8	3.9						
Ángulo de pluma principal 75.0 [°]										
30.9	65.0	81.9	11.3	10.8						
32.0	62.9	81.4	11.3	10.7						
34.0	59.0	80.2	9.3	9.1						
36.0	54.9	78.9	7.9	7.9						
38.0	50.6	77.3	6.8	6.9						
40.0	46.0	75.5	6.0	6.0						
42.0	41.0	73.4	5.2	5.3						
44.0	35.4	70.8	4.5	4.6						
46.0	28.9	67.5	4.1	4.2						
48.0	20.4	63.2	3.6	3.7						
Ángulo de pluma principal 65.0 [°]										
44.2	55.0	75.7		3.6						
46.0	51.1	74.4	3.8	3.1						
48.0	46.6	72.6	3.2	2.6						
50.0	41.7	70.5	2.6	2.1						
52.0	36.7	68.0	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
50.0 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 [°]										
12.9	78.0	89.3	15.1	21.7						
13.0	77.8	89.3	15.1	21.7						
14.0	76.3	89.1	15.1	21.3						
16.0	73.0	88.5	15.1	17.2						
18.0	69.7	87.8	14.9	14.3						
20.0	66.4	87.0	13.1	12.2						
22.0	62.9	86.0	10.8	10.4						
24.0	59.4	84.8	9.2	9.1						
26.0	55.7	83.5	7.9	7.8						
28.0	51.8	82.0	6.8	6.9						
30.0	47.6	80.3	6.0	6.1						
32.0	43.2	78.3	5.3	5.4						
34.0	38.4	75.9	4.7	4.8						
36.0	32.9	73.1	4.1	4.3						
38.0	26.5	69.6	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
20.4	73.0	88.0		15.7						
22.0	70.4	87.5	15.1	14.9						
24.0	67.1	86.7	13.7	12.7						
26.0	63.6	85.8	11.2	10.7						
28.0	60.1	84.7	9.6	9.4						
30.0	56.4	83.4	8.2	8.1						
32.0	52.6	81.9	7.1	7.1						
34.0	48.5	80.2	6.2	6.3						
36.0	44.1	78.3	5.5	5.6						
38.0	39.4	76.0	4.8	4.9						
40.0	34.1	73.3	4.3	4.4						
42.0	27.9	69.9	3.9	4.0						
44.0	19.9	65.4	3.4	3.6						
Ángulo de pluma principal 75.0 [°]										
32.1	65.0	84.6		10.7						
34.0	61.7	83.7	10.4	10.0						
36.0	58.1	82.5	8.8	8.7						
38.0	54.4	81.1	7.6	7.6						
40.0	50.4	79.6	6.6	6.7						
42.0	46.2	77.7	5.9	6.0						
44.0	41.6	75.6	5.2	5.3						
46.0	36.6	73.1	4.6	4.7						
48.0	30.9	70.1	4.2	4.3						
50.0	23.9	66.2	3.7	3.8						
Ángulo de pluma principal 65.0 [°]										
45.9	55.0	78.1		3.1						
46.0	54.8	78.1	3.6	3.1						
48.0	50.9	76.6	3.1	2.6						
50.0	46.7	74.8	2.5	2.1						
52.0	42.6	72.7	2.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
53.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.0	78.0	68.9		30.1						
9.0	73.5	68.6	15.1	27.4						
10.0	68.8	68.2	15.1	19.9						
11.0	63.9	67.7	15.1	15.4						
12.0	58.7	67.1	13.7	12.6						
13.0	53.2	66.4	11.6	10.6						
14.0	47.2	65.5	9.9	9.1						
16.0	32.6	63.0	7.2	7.0						
Ángulo de pluma principal 83.0 [°]										
13.8	73.0	68.1	15.1	24.8						
14.0	71.9	68.0	15.1	24.2						
16.0	62.2	67.1	15.1	14.3						
18.0	51.3	65.7	11.1	10.0						
20.0	38.0	63.5	7.8	7.5						
Ángulo de pluma principal 75.0 [°]										
22.8	65.0	65.8	15.1	15.5						
24.0	58.7	65.1	14.5	12.5						
26.0	47.2	63.5	9.7	9.0						
28.0	32.5	61.0	7.1	6.9						
Ángulo de pluma principal 65.0 [°]										
33.4	55.0	61.2		10.1						
34.0	51.7	60.8	11.1	9.7						
36.0	38.6	58.7	7.8	7.4						
38.0	17.9	55.0	6.0	5.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
53.0 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 [°]										
8.6	78.0	71.8		30.1						
9.0	76.7	71.7	15.1	30.1						
10.0	72.9	71.4	15.1	26.5						
11.0	69.1	71.0	15.1	20.9						
12.0	65.2	70.6	14.8	17.0						
13.0	61.1	70.0	14.3	14.4						
14.0	56.8	69.4	12.2	12.4						
16.0	47.4	67.7	9.2	9.7						
18.0	36.2	65.4	7.3	7.8						
Ángulo de pluma principal 83.0 [°]										
14.6	73.0	70.9		25.0						
16.0	67.8	70.4	15.1	19.3						
18.0	59.7	69.4	13.5	13.6						
20.0	50.7	67.9	10.0	10.5						
22.0	40.2	65.8	7.8	8.3						
24.0	26.2	62.7	6.5	7.0						
Ángulo de pluma principal 75.0 [°]										
24.0	65.0	68.5		16.0						
26.0	56.8	67.4	13.5	12.3						
28.0	47.4	65.7	10.0	9.6						
30.0	36.1	63.4	7.8	7.8						
Ángulo de pluma principal 65.0 [°]										
35.1	55.0	63.7		9.1						
36.0	51.0	63.1	10.0	8.6						
38.0	40.6	61.0	7.8	7.6						
40.0	26.9	57.9	6.5	6.6						
41.0	15.8	55.4	5.9	6.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
53.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.3	78.0	74.7	15.1	30.1						
10.0	75.7	74.5	15.1	29.4						
11.0	72.6	74.2	15.1	25.3						
12.0	69.3	73.9	15.1	21.1						
13.0	66.0	73.4	15.1	17.9						
14.0	62.6	72.9	15.1	15.6						
16.0	55.5	71.6	13.1	12.3						
18.0	47.6	70.0	11.0	10.0						
20.0	38.4	67.7	8.8	8.3						
22.0	26.4	64.5	7.3	7.1						
Ángulo de pluma principal 83.0 [°]										
15.5	73.0	73.8		24.4						
16.0	71.5	73.7	15.1	23.6						
18.0	64.9	72.8	15.1	16.9						
20.0	57.9	71.6	13.9	13.2						
22.0	50.3	70.1	11.9	10.7						
24.0	41.6	68.1	9.4	8.9						
26.0	30.9	65.3	7.7	7.5						
Ángulo de pluma principal 75.0 [°]										
25.3	65.0	71.2		16.2						
26.0	62.6	70.9	15.1	15.5						
28.0	55.4	69.6	11.9	12.2						
30.0	47.5	68.0	9.6	10.0						
32.0	38.3	65.7	7.8	8.3						
34.0	26.4	62.5	6.7	7.2						
Ángulo de pluma principal 65.0 [°]										
36.9	55.0	66.1		8.4						
38.0	50.6	65.3	9.0	7.8						
40.0	41.9	63.3	8.1	6.9						
42.0	31.3	60.5	7.3	6.2						
44.0	17.3	55.9	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]: 74.0
 Lastre central [t]: 0.0

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
53.0 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 [°]										
9.9	78.0	77.7	15.1	30.1						
10.0	77.7	77.6	15.1	30.1						
11.0	75.0	77.4	15.1	25.7						
12.0	72.3	77.1	15.1	21.5						
13.0	69.5	76.7	15.1	18.4						
14.0	66.7	76.3	15.1	16.1						
16.0	60.8	75.2	14.7	12.8						
18.0	54.5	73.9	11.3	10.4						
20.0	47.6	72.2	9.2	8.7						
22.0	39.9	70.1	7.6	7.4						
24.0	30.4	67.1	6.5	6.4						
Ángulo de pluma principal 83.0 [°]										
16.4	73.0	76.7		21.2						
18.0	68.6	76.1	15.1	17.5						
20.0	62.8	75.1	15.1	13.7						
22.0	56.6	73.9	12.3	11.1						
24.0	50.0	72.4	9.8	9.3						
26.0	42.6	70.4	8.1	7.8						
28.0	33.8	67.8	6.8	6.7						
30.0	22.0	64.0	5.9	5.8						
Ángulo de pluma principal 75.0 [°]										
26.6	65.0	73.9		14.2						
28.0	60.8	73.2	14.2	12.6						
30.0	54.5	71.9	11.3	10.3						
32.0	47.6	70.2	9.2	8.7						
34.0	39.8	68.0	7.6	7.4						
36.0	30.4	65.1	6.5	6.4						
Ángulo de pluma principal 65.0 [°]										
38.6	55.0	68.6		7.5						
40.0	50.3	67.5	7.9	6.9						
42.0	42.9	65.6	7.1	6.1						
44.0	34.2	63.0	6.4	5.5						
46.0	22.5	59.2	5.8	4.8						
47.0	16.0	56.2	5.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
53.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.5	78.0	80.6		26.6						
11.0	76.9	80.5	15.1	26.2						
12.0	74.5	80.2	15.1	21.9						
13.0	72.1	79.9	15.1	18.8						
14.0	69.6	79.5	15.1	16.5						
16.0	64.6	78.6	12.5	13.1						
18.0	59.3	77.5	10.3	10.8						
20.0	53.8	76.1	8.5	9.0						
22.0	47.7	74.4	7.2	7.7						
24.0	41.0	72.3	6.2	6.6						
26.0	33.1	69.6	5.4	5.8						
28.0	22.7	65.8	4.7	5.1						
Ángulo de pluma principal 83.0 [°]										
17.3	73.0	79.5	15.1	18.7						
18.0	71.3	79.3	15.1	17.9						
20.0	66.3	78.5	14.4	14.1						
22.0	61.1	77.5	12.6	11.5						
24.0	55.7	76.2	10.0	9.5						
26.0	49.8	74.6	8.2	8.2						
28.0	43.3	72.6	7.0	7.0						
30.0	35.9	70.2	6.0	6.1						
32.0	26.6	66.8	5.3	5.4						
Ángulo de pluma principal 75.0 [°]										
27.8	65.0	76.7		12.7						
28.0	64.6	76.6	12.3	12.7						
30.0	59.3	75.5	10.3	10.7						
32.0	53.7	74.1	8.4	9.0						
34.0	47.7	72.4	7.2	7.7						
36.0	40.9	70.3	6.2	6.6						
38.0	33.1	67.6	5.4	5.8						
40.0	22.7	63.8	4.8	5.1						
Ángulo de pluma principal 65.0 [°]										
40.3	55.0	71.0		6.8						
42.0	50.0	69.8	7.0	6.2						
44.0	43.6	67.8	6.3	5.5						
46.0	36.2	65.4	5.7	4.9						
48.0	27.0	62.1	5.1	4.4						
49.0	21.0	59.8	4.8	4.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
7.5	78.0	38.8		30.1						
8.0	76.3	38.7	15.1	30.1						
9.0	72.6	38.4	15.1	30.1						
10.0	68.7	38.0	15.1	28.9						
11.0	64.8	37.5	15.1	24.4						
12.0	60.7	37.0	15.1	21.1						
13.0	56.4	36.3	15.1	17.9						
14.0	51.8	35.6	15.1	15.5						
16.0	41.5	33.6	12.9	12.3						
18.0	28.1	30.6	10.8	10.2						
Ángulo de pluma principal 83.0 [°]										
10.7	73.0	38.2	15.1	30.1						
11.0	71.8	38.1	15.1	30.1						
12.0	67.9	37.7	15.1	29.5						
13.0	63.9	37.2	15.1	23.9						
14.0	59.8	36.6	15.1	20.2						
16.0	50.8	35.2	15.0	15.1						
18.0	40.3	33.1	12.5	12.0						
20.0	26.3	30.0	10.6	10.0						
Ángulo de pluma principal 75.0 [°]										
15.5	65.0	36.6		24.4						
16.0	63.2	36.4	15.1	23.1						
18.0	54.6	35.1	14.8	16.6						
20.0	44.8	33.4	12.8	13.0						
22.0	32.7	30.8	10.2	10.6						
Ángulo de pluma principal 65.0 [°]										
21.2	55.0	33.7		15.6						
22.0	51.5	33.2	15.0	14.3						
24.0	41.2	31.2	12.3	11.3						
26.0	27.6	28.2	9.8	9.4						
Ángulo de pluma principal 45.0 [°]										
30.7	35.0	25.2		8.2						
32.0	25.0	23.2	9.1	7.3						
33.0	16.5	20.4	8.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.2	78.0	41.8	15.1	30.1						
9.0	75.4	41.6	15.1	30.1						
10.0	72.2	41.2	15.1	30.1						
11.0	69.0	40.8	15.1	29.3						
12.0	65.7	40.4	15.1	24.5						
13.0	62.3	39.9	15.1	21.0						
14.0	58.8	39.3	14.7	18.3						
16.0	51.2	37.8	13.9	14.3						
18.0	42.7	35.8	11.1	11.5						
20.0	32.2	33.1	8.8	9.4						
Ángulo de pluma principal 83.0 [°]										
11.6	73.0	41.1	15.1	30.1						
12.0	71.6	40.9	15.1	30.1						
13.0	68.3	40.5	15.1	28.4						
14.0	65.0	40.1	15.1	23.8						
16.0	58.0	38.9	14.7	17.8						
18.0	50.4	37.4	13.9	14.0						
20.0	41.7	35.4	10.9	11.3						
22.0	31.0	32.6	8.8	9.3						
Ángulo de pluma principal 75.0 [°]										
16.8	65.0	39.3		23.2						
18.0	60.9	38.7	15.1	19.9						
20.0	53.6	37.4	15.1	15.4						
22.0	45.4	35.6	13.5	12.4						
24.0	35.7	33.2	11.0	10.2						
Ángulo de pluma principal 65.0 [°]										
23.0	55.0	36.2		15.1						
24.0	51.0	35.5	14.8	13.7						
26.0	42.4	33.5	12.3	11.0						
28.0	31.9	30.8	9.7	9.1						
Ángulo de pluma principal 45.0 [°]										
33.2	35.0	26.9		7.0						
34.0	30.1	25.9	8.6	6.5						
35.0	22.7	23.9	7.9	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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.8	78.0	44.7	15.1	30.1						
9.0	77.4	44.7	15.1	30.1						
10.0	74.7	44.4	15.1	30.1						
11.0	72.0	44.1	15.1	28.1						
12.0	69.2	43.7	15.1	26.1						
13.0	66.4	43.2	15.1	22.2						
14.0	63.5	42.7	15.1	19.2						
16.0	57.4	41.5	14.4	15.2						
18.0	50.8	40.0	13.7	12.4						
20.0	43.5	38.1	11.0	10.2						
22.0	34.9	35.6	8.7	8.4						
24.0	23.6	31.9	7.2	7.1						
Ángulo de pluma principal 83.0 [°]										
12.4	73.0	43.9		30.1						
13.0	71.4	43.8	15.1	29.7						
14.0	68.6	43.4	15.1	25.2						
16.0	62.9	42.4	15.1	18.8						
18.0	56.7	41.2	14.5	14.8						
20.0	50.1	39.6	13.5	12.1						
22.0	42.7	37.7	10.7	10.0						
24.0	33.9	35.0	8.6	8.4						
26.0	22.1	31.2	7.2	7.0						
Ángulo de pluma principal 75.0 [°]										
18.1	65.0	42.1		20.2						
20.0	59.3	41.0	15.1	16.4						
22.0	52.9	39.6	14.0	13.2						
24.0	45.8	37.8	11.9	10.9						
26.0	37.7	35.5	9.5	9.1						
28.0	27.5	32.3	7.9	7.7						
Ángulo de pluma principal 65.0 [°]										
24.7	55.0	38.6		13.2						
26.0	50.6	37.7	13.2	11.8						
28.0	43.3	35.8	10.5	9.8						
30.0	34.6	33.2	8.5	8.3						
32.0	23.1	29.5	7.1	7.0						
Ángulo de pluma principal 45.0 [°]										
35.6	35.0	28.6		6.1						
36.0	33.2	28.4	7.6	5.9						
38.0	21.0	24.4	6.5	4.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.4	78.0	47.6		30.1						
10.0	76.6	47.5	15.1	30.1						
11.0	74.2	47.2	15.1	30.1						
12.0	71.8	46.9	15.1	26.1						
13.0	69.4	46.5	15.1	23.1						
14.0	66.9	46.1	15.1	20.1						
16.0	61.7	45.1	15.1	15.8						
18.0	56.3	43.8	13.0	12.8						
20.0	50.5	42.3	11.5	10.7						
22.0	44.1	40.4	9.3	8.9						
24.0	36.8	37.9	7.6	7.5						
26.0	27.8	34.7	6.4	6.4						
Ángulo de pluma principal 83.0 [°]										
13.3	73.0	46.8		27.6						
14.0	71.3	46.6	15.1	26.1						
16.0	66.4	45.8	15.1	19.5						
18.0	61.2	44.7	15.0	15.5						
20.0	55.7	43.4	12.9	12.5						
22.0	49.9	41.9	11.3	10.5						
24.0	43.4	39.9	9.2	8.8						
26.0	36.0	37.4	7.5	7.4						
28.0	26.7	34.1	6.4	6.3						
Ángulo de pluma principal 75.0 [°]										
19.4	65.0	44.8	15.1	17.7						
20.0	63.3	44.5	15.1	17.0						
22.0	58.0	43.3	14.8	13.8						
24.0	52.3	41.9	12.1	11.3						
26.0	46.1	40.1	10.1	9.6						
28.0	39.1	37.8	8.3	8.1						
30.0	30.8	34.9	7.0	6.9						
Ángulo de pluma principal 65.0 [°]										
26.4	55.0	41.1		11.6						
28.0	50.3	39.9	11.0	10.2						
30.0	43.9	38.0	9.0	8.7						
32.0	36.5	35.6	7.4	7.3						
34.0	27.5	32.3	6.4	6.3						
Ángulo de pluma principal 45.0 [°]										
38.1	35.0	30.4		5.1						
40.0	25.9	27.4	5.5	4.3						
41.0	19.5	25.0	5.0	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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.0	78.0	50.6		30.1						
11.0	76.0	50.3	15.1	30.1						
12.0	73.8	50.0	15.1	30.1						
13.0	71.7	49.7	15.1	29.3						
14.0	69.5	49.3	15.1	28.8						
16.0	65.0	48.5	15.1	23.0						
18.0	60.4	47.4	15.1	19.1						
20.0	55.5	46.1	15.1	16.1						
22.0	50.2	44.5	15.1	14.0						
24.0	44.6	42.6	12.9	12.2						
26.0	38.2	40.3	11.0	10.6						
28.0	30.7	37.3	9.6	9.5						
30.0	20.7	33.1	8.4	8.4						
Ángulo de pluma principal 83.0 [°]										
14.2	73.0	49.7		30.1						
16.0	69.1	49.0	15.1	27.7						
18.0	64.6	48.1	15.1	22.6						
20.0	59.9	47.0	15.1	18.9						
22.0	55.0	45.7	15.1	15.9						
24.0	49.7	44.1	14.5	13.8						
26.0	43.9	42.2	12.5	12.0						
28.0	37.5	39.8	10.9	10.6						
30.0	29.8	36.7	9.6	9.5						
Ángulo de pluma principal 75.0 [°]										
20.6	65.0	47.5		22.5						
22.0	61.8	46.8	15.1	20.3						
24.0	57.0	45.6	15.1	17.1						
26.0	51.9	44.1	15.1	14.7						
28.0	46.3	42.3	13.7	12.8						
30.0	40.2	40.1	11.8	11.2						
32.0	33.1	37.4	10.3	10.1						
34.0	24.1	33.7	9.0	8.9						
Ángulo de pluma principal 65.0 [°]										
28.1	55.0	43.6		12.8						
30.0	50.1	42.2	14.2	11.2						
32.0	44.4	40.3	12.5	9.8						
34.0	38.0	37.9	10.7	8.5						
36.0	30.4	34.9	9.4	7.4						
Ángulo de pluma principal 45.0 [°]										
40.5	35.0	32.1		4.3						
42.0	29.2	30.0	4.7	3.7						
44.0	18.3	25.5	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]
20.0 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 [°]										
10.7	78.0	53.5	15.1	30.1						
11.0	77.4	53.4	15.1	30.1						
12.0	75.5	53.2	15.1	30.1						
13.0	73.5	52.9	15.1	29.4						
14.0	71.6	52.5	15.1	26.6						
16.0	67.6	51.8	15.1	22.2						
18.0	63.5	50.8	15.1	18.1						
20.0	59.3	49.7	14.4	15.4						
22.0	54.8	48.3	13.2	13.2						
24.0	50.0	46.7	12.2	11.6						
26.0	44.9	44.9	10.4	10.1						
28.0	39.3	42.6	8.9	8.8						
30.0	32.8	39.8	7.8	7.9						
32.0	24.8	36.1	6.9	7.0						
Ángulo de pluma principal 83.0 [°]										
15.1	73.0	52.5	15.1	28.8						
16.0	71.2	52.2	15.1	27.3						
18.0	67.2	51.4	15.1	21.8						
20.0	63.1	50.5	15.1	17.9						
22.0	58.8	49.3	14.3	15.2						
24.0	54.3	48.0	13.2	13.0						
26.0	49.5	46.3	12.1	11.4						
28.0	44.4	44.4	10.3	10.0						
30.0	38.6	42.1	8.8	8.8						
32.0	32.0	39.2	7.8	7.9						
34.0	23.8	35.4	6.9	7.0						
Ángulo de pluma principal 75.0 [°]										
21.9	65.0	50.2	15.1	18.9						
22.0	64.8	50.2	15.1	18.9						
24.0	60.6	49.1	15.1	16.3						
26.0	56.2	47.9	14.2	14.0						
28.0	51.5	46.3	12.7	12.1						
30.0	46.5	44.6	11.1	10.7						
32.0	41.1	42.4	9.5	9.4						
34.0	34.9	39.8	8.3	8.4						
36.0	27.4	36.4	7.4	7.5						
Ángulo de pluma principal 65.0 [°]										
29.8	55.0	46.0	13.4	11.4						
30.0	54.7	46.0	11.7	9.9						
32.0	49.9	44.4	10.1	8.7						
34.0	44.8	42.5	8.7	7.6						
36.0	39.1	40.2	7.6	6.6						
38.0	32.6	37.4	6.8	5.7						
40.0	24.5	33.7	5.7							
Ángulo de pluma principal 45.0 [°]										
43.0	35.0	33.8	3.8	3.1						
44.0	31.5	32.6	3.1	2.5						
46.0	23.1	28.6	2.8	2.2						
47.0	17.4	26.0								

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]
20.0 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 [°]										
8.8	78.0	44.7	15.1	30.1						
9.0	77.4	44.7	15.1	30.1						
10.0	74.7	44.4	15.1	30.1						
11.0	72.0	44.1	15.1	29.1						
12.0	69.2	43.7	15.1	27.9						
13.0	66.4	43.2	15.1	24.0						
14.0	63.5	42.7	15.1	20.7						
16.0	57.4	41.5	14.1	16.3						
18.0	50.8	40.0	12.8	13.2						
20.0	43.5	38.1	10.4	10.8						
22.0	34.9	35.6	8.3	8.9						
24.0	23.6	31.9	6.9	7.4						
Ángulo de pluma principal 83.0 [°]										
12.4	73.0	43.9		30.1						
13.0	71.4	43.8	15.1	30.1						
14.0	68.6	43.4	15.1	26.9						
16.0	62.9	42.4	15.1	20.3						
18.0	56.7	41.2	15.0	16.0						
20.0	50.1	39.6	14.6	13.0						
22.0	42.7	37.7	11.5	10.7						
24.0	33.9	35.0	9.2	8.9						
26.0	22.1	31.2	7.5	7.3						
Ángulo de pluma principal 75.0 [°]										
18.1	65.0	42.1		21.5						
20.0	59.3	41.0	15.1	17.7						
22.0	52.9	39.6	14.6	14.2						
24.0	45.8	37.8	12.9	11.7						
26.0	37.7	35.5	10.2	9.7						
28.0	27.5	32.3	8.4	8.2						
Ángulo de pluma principal 65.0 [°]										
24.7	55.0	38.6		11.8						
26.0	50.6	37.7	14.4	10.3						
28.0	43.3	35.8	11.4	8.4						
30.0	34.6	33.2	9.1	6.9						
32.0	23.1	29.5	7.6	5.5						
Ángulo de pluma principal 45.0 [°]										
35.6	35.0	28.6		3.2						
36.0	33.2	28.4	4.4	3.0						
38.0	21.0	24.4	3.2	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]
20.0 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 [°]										
9.4	78.0	47.6		30.1						
10.0	76.6	47.5	15.1	30.1						
11.0	74.2	47.2	15.1	30.1						
12.0	71.8	46.9	15.1	27.3						
13.0	69.4	46.5	15.1	24.6						
14.0	66.9	46.1	15.1	21.6						
16.0	61.7	45.1	15.1	16.9						
18.0	56.3	43.8	13.5	13.7						
20.0	50.5	42.3	12.1	11.3						
22.0	44.1	40.4	10.0	9.5						
24.0	36.8	37.9	8.1	7.9						
26.0	27.8	34.7	6.7	6.7						
Ángulo de pluma principal 83.0 [°]										
13.3	73.0	46.8		28.8						
14.0	71.3	46.6	15.1	28.0						
16.0	66.4	45.8	15.1	21.1						
18.0	61.2	44.7	15.1	16.7						
20.0	55.7	43.4	13.5	13.5						
22.0	49.9	41.9	12.2	11.3						
24.0	43.4	39.9	9.8	9.4						
26.0	36.0	37.4	8.0	7.9						
28.0	26.7	34.1	6.7	6.7						
Ángulo de pluma principal 75.0 [°]										
19.4	65.0	44.8	15.1	18.7						
20.0	63.3	44.5	15.1	18.4						
22.0	58.0	43.3	15.1	14.9						
24.0	52.3	41.9	12.9	12.2						
26.0	46.1	40.1	10.9	10.2						
28.0	39.1	37.8	8.8	8.6						
30.0	30.8	34.9	7.4	7.3						
Ángulo de pluma principal 65.0 [°]										
26.4	55.0	41.1		10.5						
28.0	50.3	39.9	12.0	9.0						
30.0	43.9	38.0	9.7	7.4						
32.0	36.5	35.6	7.9	6.1						
34.0	27.5	32.3	6.7	4.9						
Ángulo de pluma principal 45.0 [°]										
38.1	35.0	30.4		2.3						
40.0	27.1	27.4	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]
20.0 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 [°]										
10.0	78.0	50.6		30.1						
11.0	76.0	50.3	15.1	29.8						
12.0	73.8	50.0	15.1	27.9						
13.0	71.7	49.7	15.1	23.8						
14.0	69.5	49.3	15.1	20.9						
16.0	65.0	48.5	15.1	16.4						
18.0	60.4	47.4	14.5	13.3						
20.0	55.5	46.1	11.6	10.9						
22.0	50.2	44.5	9.4	9.1						
24.0	44.6	42.6	7.8	7.7						
26.0	38.2	40.3	6.4	6.4						
28.0	30.7	37.3	5.4	5.4						
30.0	20.7	33.1	4.4	4.4						
Ángulo de pluma principal 83.0 [°]										
14.2	73.0	49.7		24.5						
16.0	69.1	49.0	15.1	20.3						
18.0	64.6	48.1	15.1	16.0						
20.0	59.9	47.0	14.2	13.2						
22.0	55.0	45.7	11.4	10.8						
24.0	49.7	44.1	9.4	9.1						
26.0	43.9	42.2	7.8	7.6						
28.0	37.5	39.8	6.4	6.4						
30.0	29.8	36.7	5.4	5.4						
Ángulo de pluma principal 75.0 [°]										
20.6	65.0	47.5		15.7						
22.0	61.8	46.8	14.9	14.4						
24.0	57.0	45.6	12.9	11.8						
26.0	51.9	44.1	10.3	9.8						
28.0	46.3	42.3	8.5	8.3						
30.0	40.2	40.1	7.0	7.0						
32.0	33.1	37.4	5.9	5.9						
34.0	24.1	33.7	5.0	5.0						
Ángulo de pluma principal 65.0 [°]										
28.1	55.0	43.6		9.4						
30.0	50.1	42.2	9.2	7.9						
32.0	44.4	40.3	7.6	6.5						
34.0	38.0	37.9	6.4	5.3						
36.0	30.4	34.9	5.4	4.3						
Ángulo de pluma principal 45.0 [°]										
40.7	35.0	32.1	2.3							
41.0	34.1	31.7	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 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 [°]										
10.7	78.0	53.5	15.1	30.1						
11.0	77.4	53.4	15.1	30.1						
12.0	75.5	53.2	15.1	30.1						
13.0	73.5	52.9	15.1	29.9						
14.0	71.6	52.5	15.1	26.4						
16.0	67.6	51.8	15.1	21.4						
18.0	63.5	50.8	15.1	17.5						
20.0	59.3	49.7	14.3	14.8						
22.0	54.8	48.3	12.6	12.6						
24.0	50.0	46.7	11.4	10.9						
26.0	44.9	44.9	9.3	9.1						
28.0	39.3	42.6	7.5	7.4						
30.0	32.8	39.8	6.0	6.0						
32.0	24.8	36.1	4.4	4.4						
Ángulo de pluma principal 83.0 [°]										
15.1	73.0	52.5	15.1	27.2						
16.0	71.2	52.2	15.1	26.2						
18.0	67.2	51.4	15.1	21.1						
20.0	63.1	50.5	15.1	17.2						
22.0	58.8	49.3	14.2	14.6						
24.0	54.3	48.0	12.7	12.5						
26.0	49.5	46.3	11.4	10.9						
28.0	44.4	44.4	9.7	9.5						
30.0	38.6	42.1	8.3	8.2						
32.0	32.0	39.2	6.9	6.8						
34.0	23.8	35.4	5.0	5.0						
Ángulo de pluma principal 75.0 [°]										
21.9	65.0	50.2		16.7						
22.0	64.8	50.2	15.1	16.5						
24.0	60.6	49.1	15.1	14.0						
26.0	56.2	47.9	14.1	12.0						
28.0	51.5	46.3	12.1	10.2						
30.0	46.5	44.6	10.5	8.6						
32.0	41.1	42.4	9.0	7.2						
34.0	34.9	39.8	7.7	6.1						
36.0	27.4	36.4	6.2	5.0						
Ángulo de pluma principal 65.0 [°]										
29.8	55.0	46.0		8.2						
30.0	54.7	46.0	10.8	8.1						
32.0	49.9	44.4	9.2	6.8						
34.0	44.8	42.5	7.7	5.6						
36.0	39.1	40.2	6.4	4.6						
38.0	32.6	37.4	5.3	3.7						
40.0	24.5	33.7	4.1	2.8						
41.0	19.2	31.2	3.2	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]
20.0 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 [°]										
11.3	78.0	56.4	15.1	30.1						
12.0	76.8	56.3	15.1	30.1						
13.0	75.0	56.0	15.1	28.1						
14.0	73.3	55.7	15.1	25.6						
16.0	69.7	55.0	15.1	20.4						
18.0	66.0	54.1	15.0	16.8						
20.0	62.2	53.1	14.8	14.1						
22.0	58.3	52.0	12.9	12.0						
24.0	54.2	50.6	10.7	10.3						
26.0	49.9	49.0	9.0	8.9						
28.0	45.2	47.1	7.5	7.4						
30.0	40.1	44.9	6.1	6.1						
32.0	34.4	42.2	4.9	5.0						
34.0	27.6	38.8	3.7	3.7						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	55.4		23.5						
16.0	72.9	55.4	15.1	23.5						
18.0	69.3	54.7	15.1	19.9						
20.0	65.6	53.8	15.1	16.4						
22.0	61.9	52.8	14.9	14.0						
24.0	57.9	51.6	12.7	11.9						
26.0	53.8	50.2	10.6	10.2						
28.0	49.4	48.6	9.1	9.0						
30.0	44.7	46.7	7.8	7.8						
32.0	39.6	44.4	6.7	6.8						
34.0	33.8	41.7	5.7	5.8						
36.0	26.9	38.2	4.3	4.3						
Ángulo de pluma principal 75.0 [°]										
23.2	65.0	52.9	15.1	15.3						
24.0	63.4	52.6	15.0	14.2						
26.0	59.5	51.4	12.4	12.2						
28.0	55.5	50.1	10.5	10.5						
30.0	51.2	48.6	8.9	9.0						
32.0	46.7	46.8	7.8	7.7						
34.0	41.7	44.7	6.8	6.5						
36.0	36.2	42.2	6.0	5.4						
38.0	29.8	39.1	4.9	4.5						
40.0	21.7	34.9	3.7	3.6						
Ángulo de pluma principal 65.0 [°]										
31.6	55.0	48.5		7.2						
32.0	54.1	48.3	9.2	7.0						
34.0	49.8	46.6	7.8	5.8						
36.0	45.1	44.8	6.5	4.8						
38.0	40.0	42.5	5.4	4.0						
40.0	34.2	39.8	4.4	3.2						
42.0	27.4	36.4	3.4	2.4						
43.0	23.3	34.3	2.7	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 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 [°]										
11.9	78.0	59.4		28.9						
12.0	77.9	59.4	15.1	28.9						
13.0	76.3	59.1	15.1	27.4						
14.0	74.7	58.8	15.1	24.0						
16.0	71.4	58.2	15.1	19.1						
18.0	68.1	57.4	14.7	15.8						
20.0	64.7	56.5	13.1	13.2						
22.0	61.2	55.5	11.9	11.3						
24.0	57.5	54.2	9.9	9.6						
26.0	53.7	52.8	8.3	8.2						
28.0	49.7	51.2	7.1	7.1						
30.0	45.5	49.3	5.8	5.9						
32.0	40.9	47.2	4.7	4.7						
34.0	35.7	44.6	3.7	3.8						
36.0	29.8	41.4	2.8	2.8						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	58.3		19.9						
18.0	71.1	57.9	15.1	18.9						
20.0	67.7	57.1	15.1	15.6						
22.0	64.3	56.2	13.3	13.0						
24.0	60.8	55.1	11.8	11.2						
26.0	57.2	53.9	9.8	9.5						
28.0	53.3	52.4	8.2	8.2						
30.0	49.3	50.8	7.1	7.1						
32.0	45.0	48.9	6.1	6.2						
34.0	40.4	46.7	5.2	5.3						
36.0	35.2	44.1	4.5	4.6						
38.0	29.2	40.8	3.3	3.3						
Ángulo de pluma principal 75.0 [°]										
24.4	65.0	55.7		12.9						
26.0	62.3	54.9	12.9	12.0						
28.0	58.7	53.7	10.6	10.3						
30.0	54.9	52.4	8.9	8.8						
32.0	51.0	50.8	7.6	7.6						
34.0	46.8	49.0	6.6	6.6						
36.0	42.3	47.0	5.7	5.6						
38.0	37.4	44.5	4.9	4.7						
40.0	31.7	41.6	4.0	3.8						
42.0	25.0	37.8	3.0	2.9						
Ángulo de pluma principal 65.0 [°]										
33.3	55.0	50.9		6.2						
34.0	53.6	50.5	7.5	5.8						
36.0	49.6	48.9	6.3	4.8						
38.0	45.3	47.0	5.2	3.9						
40.0	40.7	44.8	4.2	3.1						
42.0	35.6	42.2	3.3	2.4						
44.0	30.3	39.1	2.5							
45.0	27.0	37.1	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]
20.0 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 [°]										
12.5	78.0	62.3		28.8						
13.0	77.3	62.2	15.1	28.8						
14.0	75.8	62.0	15.1	26.6						
16.0	72.9	61.4	15.1	21.4						
18.0	69.8	60.7	15.1	17.6						
20.0	66.7	59.8	14.1	14.9						
22.0	63.5	58.9	12.8	12.7						
24.0	60.3	57.8	11.5	11.0						
26.0	56.9	56.5	9.5	9.2						
28.0	53.3	55.1	7.8	7.8						
30.0	49.6	53.4	6.5	6.6						
32.0	45.7	51.6	5.1	5.2						
34.0	41.5	49.4	3.9	3.9						
36.0	36.8	46.9	2.8	2.8						
Ángulo de pluma principal 83.0 [°]										
17.7	73.0	61.2		20.0						
18.0	72.5	61.1	15.1	20.0						
20.0	69.5	60.4	15.1	17.3						
22.0	66.4	59.5	14.5	14.7						
24.0	63.2	58.5	12.9	12.6						
26.0	59.9	57.4	11.5	11.0						
28.0	56.5	56.1	9.7	9.5						
30.0	53.0	54.7	8.3	8.4						
32.0	49.2	53.0	7.1	7.2						
34.0	45.3	51.2	5.7	5.8						
36.0	41.0	49.0	4.5	4.6						
38.0	36.3	46.4	3.4	3.5						
40.0	31.0	43.4	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
25.7	65.0	58.4		12.4						
26.0	64.5	58.3	12.6	12.1						
28.0	61.3	57.2	11.3	10.4						
30.0	57.9	56.0	9.7	9.0						
32.0	54.4	54.6	8.3	7.7						
34.0	50.8	53.1	7.3	6.6						
36.0	46.9	51.3	6.4	5.6						
38.0	42.8	49.2	5.5	4.7						
40.0	38.3	46.8	4.8	3.9						
42.0	33.2	44.0	4.0	3.2						
44.0	27.4	40.6	2.8	2.5						
Ángulo de pluma principal 65.0 [°]										
35.0	55.0	53.4		5.3						
36.0	53.2	52.8	6.2	4.8						
38.0	49.5	51.1	5.1	3.9						
40.0	45.6	49.2	4.1	3.1						
42.0	41.3	47.1	3.2	2.4						
44.0	37.1	44.6	2.4							
45.0	34.7	43.2	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]
20.0 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 [°]										
13.2	78.0	65.2	15.1	28.5						
14.0	76.8	65.0	15.1	28.5						
16.0	74.1	64.5	15.1	23.1						
18.0	71.3	63.8	15.1	19.1						
20.0	68.4	63.1	14.9	16.4						
22.0	65.5	62.2	13.0	14.0						
24.0	62.5	61.2	11.6	12.2						
26.0	59.5	60.1	9.9	10.3						
28.0	56.3	58.8	7.8	8.2						
30.0	53.0	57.3	6.1	6.5						
32.0	49.5	55.7	4.8	5.1						
34.0	45.9	53.8	3.7	3.9						
36.0	42.0	51.7	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
18.6	73.0	64.0	15.1	19.9						
20.0	71.0	63.6	15.1	19.0						
22.0	68.1	62.8	15.1	16.1						
24.0	65.2	61.9	13.8	13.9						
26.0	62.2	60.9	12.4	12.1						
28.0	59.1	59.7	10.8	10.5						
30.0	56.0	58.4	9.0	8.8						
32.0	52.6	56.9	7.5	7.6						
34.0	49.2	55.3	6.2	6.3						
36.0	45.5	53.4	4.9	4.9						
38.0	41.5	51.3	3.6	3.6						
40.0	37.3	48.8	2.6	2.6						
Ángulo de pluma principal 75.0 [°]										
27.0	65.0	61.1	13.7	11.1						
28.0	63.4	60.6	13.2	10.3						
30.0	60.4	59.5	11.4	8.8						
32.0	57.3	58.3	9.9	7.6						
34.0	54.0	56.9	8.5	6.5						
36.0	50.6	55.3	7.2	5.6						
38.0	47.0	53.5	6.1	4.7						
40.0	43.2	51.5	5.1	3.9						
42.0	39.0	49.2	4.1	3.1						
44.0	34.5	46.4	3.2	2.5						
Ángulo de pluma principal 65.0 [°]										
36.7	55.0	55.9		4.3						
38.0	52.9	55.0	4.8	3.8						
40.0	49.4	53.4	3.9	3.0						
42.0	45.8	51.5	3.0	2.3						
44.0	42.2	49.4	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]
20.0 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 [°]										
11.3	78.0	56.4	15.1	30.1						
12.0	76.8	56.3	15.1	30.1						
13.0	75.0	56.0	15.1	29.6						
14.0	73.3	55.7	15.1	27.9						
16.0	69.7	55.0	15.1	22.7						
18.0	66.0	54.1	15.0	18.5						
20.0	62.2	53.1	14.9	14.9						
22.0	58.3	52.0	12.2	11.1						
24.0	54.2	50.6	7.7	7.1						
26.0	49.9	49.0	4.2	4.1						
28.0	45.2	47.1	2.7	2.7						
Ángulo de pluma principal 83.0 [°]										
15.9	73.0	55.4		23.7						
16.0	72.9	55.4	15.1	23.6						
18.0	69.3	54.7	15.1	18.9						
20.0	65.6	53.8	15.1	15.4						
22.0	61.9	52.8	15.1	12.7						
24.0	57.9	51.6	12.5	10.5						
26.0	53.8	50.2	8.6	8.3						
28.0	49.4	48.6	5.9	5.8						
30.0	44.7	46.7	3.7	3.5						
Ángulo de pluma principal 75.0 [°]										
23.2	65.0	52.9	15.1	11.1						
24.0	63.4	52.6	14.9	10.2						
26.0	59.5	51.4	12.3	8.3						
28.0	55.5	50.1	10.2	6.8						
30.0	51.2	48.6	8.2	5.5						
32.0	46.7	46.8	6.5	4.3						
34.0	41.7	44.7	4.6	3.2						
Ángulo de pluma principal 65.0 [°]										
31.6	55.0	48.5		4.0						
32.0	54.1	48.3	5.4	3.8						
34.0	49.8	46.6	4.0	2.7						
36.0	45.5	44.8	2.7							
37.0	43.0	43.7	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 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 [°]										
11.9	78.0	59.4		28.8						
12.0	77.9	59.4	15.1	28.8						
13.0	76.3	59.1	15.1	28.8						
14.0	74.7	58.8	15.1	25.8						
16.0	71.4	58.2	15.1	21.0						
18.0	68.1	57.4	15.1	17.4						
20.0	64.7	56.5	13.1	13.8						
22.0	61.2	55.5	11.5	11.2						
24.0	57.5	54.2	8.4	7.9						
26.0	53.7	52.8	5.1	4.8						
28.0	49.7	51.2	2.6	2.5						
Ángulo de pluma principal 83.0 [°]										
16.8	73.0	58.3		20.6						
18.0	71.1	57.9	15.1	19.1						
20.0	67.7	57.1	15.1	15.6						
22.0	64.3	56.2	13.9	12.8						
24.0	60.8	55.1	12.5	10.6						
26.0	57.2	53.9	9.3	8.8						
28.0	53.3	52.4	6.3	6.1						
30.0	49.3	50.8	4.1	4.2						
32.0	45.0	48.9	2.8	2.8						
Ángulo de pluma principal 75.0 [°]										
24.4	65.0	55.7		9.8						
26.0	62.3	54.9	12.0	8.3						
28.0	58.7	53.7	9.9	6.8						
30.0	54.9	52.4	8.1	5.5						
32.0	51.0	50.8	6.5	4.4						
34.0	46.8	49.0	5.0	3.3						
36.0	42.3	47.0	3.3	2.4						
Ángulo de pluma principal 65.0 [°]										
33.3	55.0	50.9		3.1						
34.0	53.6	50.5	3.9	2.7						
36.0	49.9	48.9	2.6							
37.0	47.8	48.0	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 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 [°]										
12.5	78.0	62.3		27.0						
13.0	77.3	62.2	15.1	27.0						
14.0	75.8	62.0	15.1	25.7						
16.0	72.9	61.4	15.1	20.7						
18.0	69.8	60.7	15.1	16.9						
20.0	66.7	59.8	13.4	13.7						
22.0	63.5	58.9	10.6	10.7						
24.0	60.3	57.8	8.5	8.2						
26.0	56.9	56.5	5.5	5.4						
28.0	53.3	55.1	3.1	3.0						
Ángulo de pluma principal 83.0 [°]										
17.7	73.0	61.2		18.8						
18.0	72.5	61.1	15.1	18.8						
20.0	69.5	60.4	15.1	15.8						
22.0	66.4	59.5	14.6	13.0						
24.0	63.2	58.5	12.4	10.8						
26.0	59.9	57.4	10.5	8.9						
28.0	56.5	56.1	7.2	6.9						
30.0	53.0	54.7	4.6	4.5						
32.0	49.2	53.0	3.0	3.0						
Ángulo de pluma principal 75.0 [°]										
25.7	65.0	58.4		8.6						
26.0	64.5	58.3	11.8	8.4						
28.0	61.3	57.2	9.7	6.8						
30.0	57.9	56.0	7.9	5.5						
32.0	54.4	54.6	6.4	4.4						
34.0	50.8	53.1	5.0	3.5						
36.0	46.9	51.3	3.7	2.5						
Ángulo de pluma principal 65.0 [°]										
35.0	55.0	53.4		2.3						
36.0	53.5	52.8	2.6							
37.0	51.7	52.0	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
20.0 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 [°]										
13.2	78.0	65.2	15.1	27.7						
14.0	76.8	65.0	15.1	27.7						
16.0	74.1	64.5	15.1	23.5						
18.0	71.3	63.8	15.1	19.5						
20.0	68.4	63.1	15.1	16.0						
22.0	65.5	62.2	11.4	12.1						
24.0	62.5	61.2	8.1	8.3						
26.0	59.5	60.1	5.7	5.6						
28.0	56.3	58.8	3.5	3.4						
Ángulo de pluma principal 83.0 [°]										
18.6	73.0	64.0	15.1	18.2						
20.0	71.0	63.6	15.1	15.8						
22.0	68.1	62.8	15.1	13.0						
24.0	65.2	61.9	13.2	10.7						
26.0	62.2	60.9	10.3	8.9						
28.0	59.1	59.7	7.8	7.4						
30.0	56.0	58.4	5.1	5.0						
32.0	52.6	56.9	3.0	2.9						
Ángulo de pluma principal 75.0 [°]										
27.0	65.0	61.1	10.2	7.5						
28.0	63.4	60.6	9.3	6.7						
30.0	60.4	59.5	7.6	5.4						
32.0	57.3	58.3	6.1	4.3						
34.0	54.0	56.9	4.8	3.4						
36.0	50.6	55.3	3.6	2.5						
38.0	47.3	53.5	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]
20.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	68.2	15.1	24.0						
14.0	77.7	68.1	15.1	24.0						
16.0	75.2	67.6	15.1	22.0						
18.0	72.6	67.0	15.1	18.4						
20.0	69.9	66.3	15.1	15.5						
22.0	67.2	65.5	13.6	12.7						
24.0	64.5	64.6	9.3	8.9						
26.0	61.7	63.5	6.1	6.0						
28.0	58.8	62.4	4.2	4.1						
Ángulo de pluma principal 83.0 [°]										
19.5	73.0	66.9	15.1	16.7						
20.0	72.3	66.7	15.1	15.8						
22.0	69.6	66.0	15.0	13.0						
24.0	66.9	65.2	14.2	10.8						
26.0	64.2	64.2	10.8	9.0						
28.0	61.4	63.2	8.1	7.4						
30.0	58.5	62.0	5.8	5.7						
32.0	55.5	60.7	3.6	3.5						
Ángulo de pluma principal 75.0 [°]										
28.2	65.0	63.8		6.5						
30.0	62.5	63.0	7.4	5.4						
32.0	59.7	61.8	5.9	4.3						
34.0	56.7	60.6	4.7	3.3						
36.0	53.6	59.1	3.6	2.5						
38.0	50.7	57.5	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]
23.0 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 [°]										
7.7	78.0	41.8	15.1	30.1						
8.0	76.7	41.7	15.1	30.1						
9.0	73.0	41.4	15.1	30.1						
10.0	69.1	41.1	15.1	29.5						
11.0	65.2	40.6	15.1	24.6						
12.0	61.1	40.0	15.1	21.2						
13.0	56.8	39.4	14.9	18.0						
14.0	52.3	38.6	14.8	15.5						
16.0	42.1	36.7	12.1	12.3						
18.0	29.0	33.8	9.7	10.2						
Ángulo de pluma principal 83.0 [°]										
11.0	73.0	41.2		30.1						
12.0	69.4	40.8	15.1	30.0						
13.0	65.4	40.4	15.1	25.5						
14.0	61.3	39.8	15.1	21.3						
16.0	52.5	38.4	15.1	15.7						
18.0	42.4	36.5	12.8	12.3						
20.0	29.4	33.7	10.8	10.2						
Ángulo de pluma principal 75.0 [°]										
16.3	65.0	39.5		24.2						
18.0	58.0	38.6	15.1	18.5						
20.0	48.8	37.0	14.8	14.1						
22.0	37.9	34.8	11.9	11.2						
Ángulo de pluma principal 65.0 [°]										
22.5	55.0	36.5		15.4						
24.0	48.0	35.3	12.8	13.0						
26.0	36.8	33.0	9.9	10.4						
Ángulo de pluma principal 45.0 [°]										
32.8	35.0	27.3		6.6						
34.0	26.1	25.6	7.9	5.9						
35.0	18.1	23.0	7.2							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 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 [°]										
8.3	78.0	44.8	15.1	30.1						
9.0	75.7	44.6	15.1	30.1						
10.0	72.6	44.3	15.1	30.1						
11.0	69.4	43.9	15.1	29.9						
12.0	66.1	43.4	15.1	25.0						
13.0	62.7	42.9	15.1	21.5						
14.0	59.1	42.3	14.8	18.8						
16.0	51.6	40.9	14.1	14.6						
18.0	43.2	39.0	11.5	11.8						
20.0	32.9	36.3	9.1	9.6						
Ángulo de pluma principal 83.0 [°]										
11.9	73.0	44.0		30.1						
12.0	72.8	44.0	15.1	30.1						
13.0	69.5	43.7	15.1	29.1						
14.0	66.2	43.2	15.1	25.5						
16.0	59.3	42.1	15.1	18.9						
18.0	51.9	40.7	15.1	14.7						
20.0	43.4	38.8	12.6	11.9						
22.0	33.2	36.2	10.5	9.8						
Ángulo de pluma principal 75.0 [°]										
17.6	65.0	42.2		23.4						
18.0	63.6	42.1	15.1	22.7						
20.0	56.5	40.9	15.1	17.1						
22.0	48.7	39.3	14.7	13.7						
24.0	39.7	37.1	12.0	11.1						
26.0	28.3	34.1	9.8	9.2						
Ángulo de pluma principal 65.0 [°]										
24.2	55.0	38.9		15.2						
26.0	48.0	37.5	14.3	12.8						
28.0	38.9	35.3	11.4	10.4						
30.0	27.1	32.2	9.2	8.7						
Ángulo de pluma principal 45.0 [°]										
35.3	35.0	29.0		5.5						
36.0	30.9	28.2	6.7	5.2						
38.0	16.5	23.4	5.6							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.9	78.0	47.7	15.1	30.1						
9.0	77.7	47.7	15.1	30.1						
10.0	75.0	47.4	15.1	30.1						
11.0	72.3	47.1	15.1	28.4						
12.0	69.5	46.7	15.1	26.7						
13.0	66.7	46.3	15.1	22.7						
14.0	63.8	45.8	15.1	19.6						
16.0	57.7	44.6	14.6	15.5						
18.0	51.2	43.1	13.9	12.7						
20.0	43.9	41.2	11.3	10.4						
22.0	35.4	38.7	9.0	8.7						
24.0	24.3	35.2	7.4	7.3						
Ángulo de pluma principal 83.0 [°]										
12.8	73.0	46.9		30.1						
13.0	72.5	46.9	15.1	30.1						
14.0	69.7	46.5	15.1	26.7						
16.0	63.9	45.6	15.1	19.8						
18.0	57.9	44.4	13.9	15.6						
20.0	51.4	42.9	12.4	12.7						
22.0	44.1	41.0	10.1	10.5						
24.0	35.7	38.6	8.2	8.8						
26.0	24.7	35.1	7.0	7.4						
Ángulo de pluma principal 75.0 [°]										
18.9	65.0	45.0		20.3						
20.0	61.6	44.4	15.1	18.1						
22.0	55.4	43.1	14.5	14.4						
24.0	48.6	41.5	13.2	11.9						
26.0	41.0	39.4	10.6	9.9						
28.0	31.8	36.6	8.7	8.4						
Ángulo de pluma principal 65.0 [°]										
26.0	55.0	41.4		13.3						
28.0	48.0	39.8	12.3	11.2						
30.0	40.3	37.6	9.8	9.3						
32.0	30.9	34.8	8.1	7.9						
Ángulo de pluma principal 45.0 [°]										
37.8	35.0	30.8		4.8						
38.0	33.8	30.8	6.0	4.7						
40.0	21.9	26.9	5.0	3.8						
41.0	15.2	23.7	4.5							

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]
23.0 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 [°]										
9.5	78.0	50.6		30.1						
10.0	76.9	50.5	15.1	30.1						
11.0	74.5	50.2	15.1	30.1						
12.0	72.1	49.9	15.1	26.5						
13.0	69.6	49.5	15.1	23.5						
14.0	67.2	49.1	15.1	20.5						
16.0	62.0	48.1	15.1	16.1						
18.0	56.6	46.9	12.5	13.1						
20.0	50.8	45.4	10.4	10.9						
22.0	44.4	43.5	8.7	9.1						
24.0	37.2	41.1	7.2	7.7						
26.0	28.3	37.9	6.1	6.6						
Ángulo de pluma principal 83.0 [°]										
13.7	73.0	49.8	15.1	27.7						
14.0	72.2	49.7	15.1	27.7						
16.0	67.3	48.9	15.1	20.7						
18.0	62.2	47.9	15.1	16.2						
20.0	56.8	46.7	12.6	13.1						
22.0	51.0	45.2	10.5	11.0						
24.0	44.6	43.3	8.8	9.2						
26.0	37.4	40.9	7.3	7.8						
28.0	28.6	37.8	6.3	6.7						
Ángulo de pluma principal 75.0 [°]										
20.1	65.0	47.7		17.8						
22.0	60.1	46.7	15.1	15.0						
24.0	54.6	45.4	13.1	12.3						
26.0	48.6	43.7	11.1	10.4						
28.0	42.0	41.7	9.1	8.7						
30.0	34.2	39.1	7.5	7.5						
32.0	24.4	35.4	6.4	6.4						
Ángulo de pluma principal 65.0 [°]										
27.7	55.0	43.8		11.7						
28.0	54.1	43.7	12.7	11.7						
30.0	48.0	42.0	10.3	9.7						
32.0	41.3	39.9	8.5	8.2						
34.0	33.5	37.2	7.1	7.1						
36.0	23.3	33.5	6.1	6.1						
Ángulo de pluma principal 45.0 [°]										
40.2	35.0	32.5		3.9						
42.0	26.6	29.7	4.1	3.2						
43.0	20.4	27.4	3.7	2.9						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 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 [°]										
10.1	78.0	53.6		30.1						
11.0	76.2	53.4	15.1	30.1						
12.0	74.1	53.1	15.1	30.1						
13.0	71.9	52.7	15.1	29.5						
14.0	69.7	52.4	15.1	29.0						
16.0	65.3	51.5	15.1	23.5						
18.0	60.6	50.4	15.1	19.5						
20.0	55.7	49.1	15.1	16.5						
22.0	50.5	47.6	15.1	14.2						
24.0	44.9	45.7	13.1	12.4						
26.0	38.5	43.4	11.2	10.9						
28.0	31.1	40.5	9.8	9.7						
30.0	21.3	36.4	8.6	8.6						
Ángulo de pluma principal 83.0 [°]										
14.6	73.0	52.7	15.1	30.1						
16.0	69.9	52.2	15.1	28.6						
18.0	65.4	51.3	15.1	23.6						
20.0	60.8	50.2	15.1	19.7						
22.0	55.9	48.9	15.1	16.5						
24.0	50.7	47.4	14.9	14.3						
26.0	45.0	45.5	13.0	12.5						
28.0	38.7	43.2	11.3	11.0						
30.0	31.3	40.3	10.0	9.8						
32.0	21.6	36.3	8.7	8.7						
Ángulo de pluma principal 75.0 [°]										
21.4	65.0	50.4		21.5						
22.0	63.6	50.1	15.1	20.6						
24.0	58.9	49.0	15.1	17.9						
26.0	53.9	47.6	15.1	15.6						
28.0	48.5	46.0	14.6	13.5						
30.0	42.7	43.9	12.6	11.8						
32.0	36.0	41.4	11.0	10.3						
34.0	27.9	38.2	9.7	9.0						
Ángulo de pluma principal 65.0 [°]										
29.4	55.0	46.3		11.5						
30.0	53.5	45.9	13.7	11.0						
32.0	48.1	44.2	12.0	9.6						
34.0	42.1	42.2	10.5	8.3						
36.0	35.4	39.6	9.2	7.2						
38.0	27.1	36.3	8.0	6.2						
Ángulo de pluma principal 45.0 [°]										
42.7	35.0	34.2		3.1						
44.0	29.7	32.4	3.4	2.7						
46.0	19.2	28.0	2.7	2.1						

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 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 [°]										
10.8	78.0	56.5	15.1	30.1						
11.0	77.6	56.5	15.1	30.1						
12.0	75.7	56.2	15.1	30.1						
13.0	73.7	55.9	15.1	29.7						
14.0	71.8	55.6	15.1	26.9						
16.0	67.8	54.8	15.1	22.6						
18.0	63.7	53.9	15.1	18.5						
20.0	59.5	52.7	14.5	15.7						
22.0	55.0	51.4	13.3	13.5						
24.0	50.3	49.8	12.5	11.8						
26.0	45.2	48.0	10.7	10.3						
28.0	39.6	45.7	9.2	9.1						
30.0	33.1	42.9	7.9	8.1						
32.0	25.2	39.3	7.1	7.2						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	55.5		28.9						
16.0	71.9	55.4	15.1	28.5						
18.0	67.9	54.6	15.1	22.8						
20.0	63.8	53.6	15.1	18.6						
22.0	59.6	52.5	14.6	15.8						
24.0	55.2	51.2	13.5	13.5						
26.0	50.4	49.6	12.6	11.9						
28.0	45.4	47.8	10.8	10.4						
30.0	39.7	45.5	9.2	9.2						
32.0	33.3	42.8	8.1	8.2						
34.0	25.5	39.2	7.2	7.3						
Ángulo de pluma principal 75.0 [°]										
22.7	65.0	53.1		19.0						
24.0	62.2	52.5	15.1	17.5						
26.0	57.9	51.3	14.9	15.0						
28.0	53.4	49.9	13.3	12.9						
30.0	48.5	48.2	12.0	11.4						
32.0	43.2	46.2	10.3	10.0						
34.0	37.4	43.8	8.9	8.9						
36.0	30.5	40.8	7.9	8.0						
38.0	21.7	36.6	7.0	7.1						
Ángulo de pluma principal 65.0 [°]										
31.1	55.0	48.7		10.3						
32.0	53.0	48.2	11.8	9.7						
34.0	48.1	46.5	10.2	8.4						
36.0	42.8	44.5	8.9	7.3						
38.0	36.8	42.0	7.8	6.4						
40.0	29.9	38.9	7.0	5.5						
42.0	20.7	34.6	6.0	4.7						
Ángulo de pluma principal 45.0 [°]										
45.1	35.0	35.9		2.3						
46.0	32.0	34.9	2.6	2.1						
47.0	29.0	33.1	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]
23.0 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 [°]										
8.9	78.0	47.7	15.1	30.1						
9.0	77.7	47.7	15.1	30.1						
10.0	75.0	47.4	15.1	30.1						
11.0	72.3	47.1	15.1	29.3						
12.0	69.5	46.7	15.1	28.2						
13.0	66.7	46.3	15.1	24.6						
14.0	63.8	45.8	15.1	21.3						
16.0	57.7	44.6	14.9	16.8						
18.0	51.2	43.1	14.7	13.6						
20.0	43.9	41.2	12.1	11.2						
22.0	35.4	38.7	9.6	9.2						
24.0	24.3	35.2	7.8	7.7						
Ángulo de pluma principal 83.0 [°]										
12.8	73.0	46.9		30.1						
13.0	72.5	46.9	15.1	30.1						
14.0	69.7	46.5	15.1	28.3						
16.0	63.9	45.6	15.1	21.5						
18.0	57.9	44.4	15.1	16.9						
20.0	51.4	42.9	15.1	13.7						
22.0	44.1	41.0	12.3	11.3						
24.0	35.7	38.6	9.8	9.4						
26.0	24.7	35.1	8.0	7.8						
Ángulo de pluma principal 75.0 [°]										
18.9	65.0	45.0		20.5						
20.0	61.6	44.4	15.1	18.3						
22.0	55.4	43.1	15.0	15.1						
24.0	48.6	41.5	14.3	12.4						
26.0	41.0	39.4	11.4	10.3						
28.0	31.8	36.6	9.3	8.4						
Ángulo de pluma principal 65.0 [°]										
26.0	55.0	41.4		10.5						
28.0	48.0	39.8	12.3	8.5						
30.0	40.3	37.6	10.3	6.9						
32.0	30.9	34.8	8.5	5.5						
Ángulo de pluma principal 45.0 [°]										
37.8	35.0	30.8		2.1						
38.0	35.0	30.8	2.9							
39.0	29.7	29.0	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]
23.0 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 [°]										
9.5	78.0	50.6		30.1						
10.0	76.9	50.5	15.1	30.1						
11.0	74.5	50.2	15.1	30.1						
12.0	72.1	49.9	15.1	27.8						
13.0	69.6	49.5	15.1	25.1						
14.0	67.2	49.1	15.1	22.1						
16.0	62.0	48.1	15.1	17.3						
18.0	56.6	46.9	13.7	14.1						
20.0	50.8	45.4	12.3	11.6						
22.0	44.4	43.5	10.3	9.8						
24.0	37.2	41.1	8.3	8.2						
26.0	28.3	37.9	6.9	6.9						
Ángulo de pluma principal 83.0 [°]										
13.7	73.0	49.8	15.1	29.0						
14.0	72.2	49.7	15.1	29.0						
16.0	67.3	48.9	15.1	22.5						
18.0	62.2	47.9	15.1	17.5						
20.0	56.8	46.7	13.2	14.2						
22.0	51.0	45.2	11.4	11.8						
24.0	44.6	43.3	9.5	9.9						
26.0	37.4	40.9	7.8	8.3						
28.0	28.6	37.8	6.6	7.1						
Ángulo de pluma principal 75.0 [°]										
20.1	65.0	47.7		18.6						
22.0	60.1	46.7	15.1	15.7						
24.0	54.6	45.4	13.7	13.1						
26.0	48.6	43.7	12.0	11.0						
28.0	42.0	41.7	9.7	9.1						
30.0	34.2	39.1	8.0	7.6						
32.0	24.4	35.4	6.8	6.2						
Ángulo de pluma principal 65.0 [°]										
27.7	55.0	43.8		9.2						
28.0	54.1	43.7	12.2	8.9						
30.0	48.0	42.0	10.3	7.4						
32.0	41.3	39.9	8.6	6.0						
34.0	33.5	37.2	7.2	4.8						
36.0	23.3	33.5	5.7	3.8						
37.0	15.9	30.7	5.0	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]
23.0 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 [°]										
10.1	78.0	53.6		30.1						
11.0	76.2	53.4	15.1	30.1						
12.0	74.1	53.1	15.1	28.2						
13.0	71.9	52.7	15.1	24.4						
14.0	69.7	52.4	15.1	21.3						
16.0	65.3	51.5	15.1	16.8						
18.0	60.6	50.4	14.7	13.7						
20.0	55.7	49.1	11.8	11.2						
22.0	50.5	47.6	9.7	9.4						
24.0	44.9	45.7	8.1	7.9						
26.0	38.5	43.4	6.7	6.6						
28.0	31.1	40.5	5.6	5.6						
30.0	21.3	36.4	4.7	4.7						
Ángulo de pluma principal 83.0 [°]										
14.6	73.0	52.7	15.1	24.6						
16.0	69.9	52.2	15.1	21.5						
18.0	65.4	51.3	15.1	16.9						
20.0	60.8	50.2	14.8	13.8						
22.0	55.9	48.9	12.0	11.3						
24.0	50.7	47.4	9.9	9.6						
26.0	45.0	45.5	8.2	8.0						
28.0	38.7	43.2	6.8	6.8						
30.0	31.3	40.3	5.7	5.8						
32.0	21.6	36.3	4.8	4.8						
Ángulo de pluma principal 75.0 [°]										
21.4	65.0	50.4		15.9						
22.0	63.6	50.1	15.1	15.8						
24.0	58.9	49.0	14.0	12.9						
26.0	53.9	47.6	11.4	10.7						
28.0	48.5	46.0	9.4	9.1						
30.0	42.7	43.9	7.8	7.6						
32.0	36.0	41.4	6.5	6.5						
34.0	27.9	38.2	5.5	5.5						
Ángulo de pluma principal 65.0 [°]										
29.4	55.0	46.3		8.1						
30.0	53.5	45.9	10.3	7.6						
32.0	48.1	44.2	8.7	6.3						
34.0	42.1	42.2	7.2	5.2						
36.0	35.4	39.6	5.9	4.2						
38.0	27.1	36.3	4.8	3.3						
40.0	17.0	31.2	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]
23.0 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 [°]										
10.8	78.0	56.5	15.1	30.1						
11.0	77.6	56.5	15.1	30.1						
12.0	75.7	56.2	15.1	30.1						
13.0	73.7	55.9	15.1	30.1						
14.0	71.8	55.6	15.1	26.8						
16.0	67.8	54.8	15.1	21.9						
18.0	63.7	53.9	15.1	17.9						
20.0	59.5	52.7	14.5	15.1						
22.0	55.0	51.4	12.8	12.9						
24.0	50.3	49.8	11.6	11.2						
26.0	45.2	48.0	10.0	9.8						
28.0	39.6	45.7	8.6	8.5						
30.0	33.1	42.9	7.4	7.5						
32.0	25.2	39.3	6.4	6.4						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	55.5		27.3						
16.0	71.9	55.4	15.1	27.3						
18.0	67.9	54.6	15.1	22.0						
20.0	63.8	53.6	15.1	18.0						
22.0	59.6	52.5	14.5	15.3						
24.0	55.2	51.2	13.0	13.0						
26.0	50.4	49.6	11.9	11.4						
28.0	45.4	47.8	10.2	9.9						
30.0	39.7	45.5	8.7	8.7						
32.0	33.3	42.8	7.5	7.6						
34.0	25.5	39.2	6.7	6.4						
Ángulo de pluma principal 75.0 [°]										
22.7	65.0	53.1		15.3						
24.0	62.2	52.5	15.1	13.7						
26.0	57.9	51.3	15.1	11.6						
28.0	53.4	49.9	12.9	9.9						
30.0	48.5	48.2	11.4	8.4						
32.0	43.2	46.2	9.7	7.1						
34.0	37.4	43.8	8.4	6.0						
36.0	30.5	40.8	7.2	5.0						
38.0	21.7	36.6	6.0	4.0						
Ángulo de pluma principal 65.0 [°]										
31.1	55.0	48.7		6.9						
32.0	53.0	48.2	8.5	6.4						
34.0	48.1	46.5	7.1	5.3						
36.0	42.8	44.5	5.8	4.3						
38.0	36.8	42.0	4.7	3.4						
40.0	29.9	38.9	3.7	2.6						
42.0	22.1	34.6	2.8							
43.0	16.1	31.6	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]
23.0 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 [°]										
11.4	78.0	59.4	15.1	30.1						
12.0	76.9	59.3	15.1	30.1						
13.0	75.2	59.0	15.1	28.4						
14.0	73.4	58.7	15.1	26.1						
16.0	69.9	58.0	15.1	20.7						
18.0	66.2	57.2	15.1	17.1						
20.0	62.5	56.2	15.0	14.4						
22.0	58.5	55.0	13.2	12.3						
24.0	54.4	53.7	11.0	10.5						
26.0	50.1	52.1	9.3	9.2						
28.0	45.5	50.2	8.1	8.0						
30.0	40.4	48.0	7.0	7.0						
32.0	34.7	45.4	6.0	6.2						
34.0	28.0	42.0	5.2	5.4						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	58.4		23.6						
18.0	70.0	57.8	15.1	20.9						
20.0	66.3	57.0	14.7	17.2						
22.0	62.6	56.0	13.8	14.5						
24.0	58.6	54.8	12.1	12.4						
26.0	54.6	53.5	10.1	10.7						
28.0	50.2	51.9	8.8	9.4						
30.0	45.6	50.0	7.6	8.2						
32.0	40.6	47.8	6.6	7.1						
34.0	34.9	45.2	5.8	6.3						
36.0	28.2	41.9	5.1	5.5						
Ángulo de pluma principal 75.0 [°]										
23.9	65.0	55.8		14.0						
24.0	64.9	55.8	15.1	13.9						
26.0	61.1	54.8	14.4	11.8						
28.0	57.1	53.6	12.6	10.1						
30.0	52.9	52.1	10.5	8.7						
32.0	48.5	50.4	9.1	7.4						
34.0	43.7	48.5	7.8	6.3						
36.0	38.5	46.1	6.8	5.3						
38.0	32.5	43.3	6.0	4.4						
40.0	25.2	39.6	5.1	3.6						
Ángulo de pluma principal 65.0 [°]										
32.8	55.0	51.2		6.1						
34.0	52.5	50.4	7.1	5.4						
36.0	48.1	48.7	5.9	4.4						
38.0	43.3	46.7	4.8	3.6						
40.0	38.0	44.3	3.8	2.8						
42.0	31.9	41.4	2.9	2.1						
44.0	25.4	37.6	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]
23.0 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 [°]										
12.0	78.0	62.4		29.1						
13.0	76.4	62.1	15.1	27.8						
14.0	74.8	61.9	15.1	24.4						
16.0	71.6	61.2	15.1	19.5						
18.0	68.3	60.5	14.7	16.1						
20.0	64.9	59.6	12.5	13.4						
22.0	61.4	58.5	11.0	11.5						
24.0	57.7	57.3	9.3	9.8						
26.0	53.9	55.9	7.9	8.4						
28.0	50.0	54.3	6.8	7.4						
30.0	45.7	52.4	5.9	6.4						
32.0	41.1	50.3	5.1	5.5						
34.0	36.0	47.7	4.5	4.8						
36.0	30.2	44.6	3.8	4.1						
38.0	23.0	40.6	3.2	3.4						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	61.3	15.1	20.0						
18.0	71.7	61.0	15.1	19.8						
20.0	68.4	60.2	15.1	16.2						
22.0	65.0	59.3	13.6	13.5						
24.0	61.5	58.3	12.3	11.7						
26.0	57.8	57.1	10.3	9.9						
28.0	54.1	55.7	8.6	8.5						
30.0	50.1	54.1	7.4	7.5						
32.0	45.8	52.3	6.4	6.5						
34.0	41.2	50.1	5.5	5.6						
36.0	36.2	47.6	4.8	4.9						
38.0	30.3	44.5	4.2	4.3						
40.0	23.2	40.5	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
25.2	65.0	58.6		12.5						
26.0	63.6	58.2	13.9	11.8						
28.0	60.1	57.1	11.5	10.1						
30.0	56.4	55.8	9.7	8.6						
32.0	52.5	54.4	8.2	7.4						
34.0	48.5	52.7	7.1	6.3						
36.0	44.1	50.7	6.1	5.3						
38.0	39.3	48.4	5.3	4.4						
40.0	34.0	45.7	4.7	3.6						
42.0	27.8	42.3	4.0	2.9						
44.0	19.7	37.7	3.2	2.2						
Ángulo de pluma principal 65.0 [°]										
34.6	55.0	53.7		5.1						
36.0	52.2	52.7	5.7	4.4						
38.0	48.1	50.9	4.6	3.5						
40.0	43.7	49.0	3.6	2.7						
42.0	38.9	46.6	2.7	2.0						
43.0	36.8	45.3	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]
23.0 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 [°]										
12.6	78.0	65.3		28.9						
13.0	77.5	65.2	15.1	28.9						
14.0	76.0	65.0	15.1	27.1						
16.0	73.0	64.4	15.1	21.8						
18.0	70.0	63.7	15.1	17.9						
20.0	66.9	62.9	13.9	15.2						
22.0	63.7	61.9	12.2	13.0						
24.0	60.4	60.8	10.9	11.4						
26.0	57.1	59.6	9.3	9.8						
28.0	53.5	58.2	8.1	8.6						
30.0	49.8	56.5	7.0	7.6						
32.0	45.9	54.7	6.2	6.7						
34.0	41.7	52.6	5.4	5.8						
36.0	37.1	50.1	4.7	5.0						
38.0	31.9	47.1	4.0	4.2						
40.0	25.7	43.4	3.0	3.1						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	64.1	15.1	20.1						
20.0	70.1	63.5	15.1	18.1						
22.0	67.0	62.7	14.7	15.4						
24.0	63.8	61.7	12.5	13.1						
26.0	60.5	60.6	11.0	11.5						
28.0	57.1	59.4	9.4	9.9						
30.0	53.6	58.0	8.1	8.7						
32.0	49.9	56.3	7.2	7.7						
34.0	46.0	54.5	6.3	6.8						
36.0	41.8	52.4	5.6	6.0						
38.0	37.2	49.9	4.9	5.2						
40.0	32.0	47.0	4.2	4.4						
42.0	25.9	43.3	3.3	3.5						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	61.3		11.3						
28.0	62.5	60.5	12.9	10.0						
30.0	59.2	59.4	11.2	8.6						
32.0	55.8	58.1	9.6	7.4						
34.0	52.2	56.6	8.2	6.3						
36.0	48.4	54.9	7.0	5.3						
38.0	44.4	53.0	5.9	4.4						
40.0	40.1	50.7	4.9	3.6						
42.0	35.3	48.1	3.9	2.9						
44.0	29.8	44.9	3.1	2.3						
Ángulo de pluma principal 65.0 [°]										
36.3	55.0	56.1		4.2						
38.0	51.9	54.9	4.5	3.5						
40.0	48.1	53.2	3.5	2.7						
42.0	44.1	51.2	2.6	2.0						
43.0	42.3	50.1	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]
23.0 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 [°]										
13.3	78.0	68.2	15.1	28.6						
14.0	77.0	68.1	15.1	28.6						
16.0	74.2	67.5	15.1	23.4						
18.0	71.4	66.9	15.1	19.4						
20.0	68.6	66.1	15.0	16.7						
22.0	65.7	65.3	13.6	14.3						
24.0	62.7	64.3	12.6	12.5						
26.0	59.6	63.1	11.3	11.0						
28.0	56.5	61.8	9.8	9.7						
30.0	53.2	60.4	8.5	8.6						
32.0	49.7	58.8	7.4	7.6						
34.0	46.1	56.9	6.2	6.4						
36.0	42.2	54.8	5.1	5.2						
38.0	38.0	52.4	4.1	4.2						
40.0	33.3	49.6	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	67.0		20.0						
20.0	71.5	66.7	15.1	19.7						
22.0	68.7	65.9	15.1	16.7						
24.0	65.8	65.0	14.1	14.4						
26.0	62.8	64.0	12.8	12.5						
28.0	59.7	62.9	11.5	10.8						
30.0	56.5	61.6	9.9	9.4						
32.0	53.3	60.2	8.6	8.2						
34.0	49.8	58.6	7.6	7.1						
36.0	46.2	56.7	6.6	6.1						
38.0	42.3	54.6	5.8	5.2						
40.0	38.1	52.2	5.1	4.4						
42.0	33.4	49.4	4.4	3.6						
44.0	28.0	46.0	3.3	3.0						
Ángulo de pluma principal 75.0 [°]										
27.7	65.0	64.0		10.0						
28.0	64.6	63.9	12.5	9.8						
30.0	61.6	62.9	10.8	8.4						
32.0	58.5	61.7	9.3	7.2						
34.0	55.3	60.3	8.0	6.2						
36.0	51.9	58.8	6.7	5.2						
38.0	48.4	57.1	5.6	4.3						
40.0	44.7	55.2	4.7	3.6						
42.0	40.7	53.0	3.8	2.8						
44.0	36.3	50.4	2.9	2.2						
Ángulo de pluma principal 65.0 [°]										
38.0	55.0	58.6		3.3						
40.0	51.6	57.1	3.3	2.6						
42.0	48.4	55.4	2.4							
43.0	46.6	54.5	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]
23.0 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 [°]										
11.4	78.0	59.4	15.1	30.1						
12.0	76.9	59.3	15.1	30.1						
13.0	75.2	59.0	15.1	29.9						
14.0	73.4	58.7	15.1	28.2						
16.0	69.9	58.0	15.1	22.8						
18.0	66.2	57.2	15.1	18.5						
20.0	62.5	56.2	15.1	15.2						
22.0	58.5	55.0	13.5	12.6						
24.0	54.4	53.7	10.1	9.9						
26.0	50.1	52.1	7.5	7.5						
28.0	45.5	50.2	5.0	4.9						
Ángulo de pluma principal 83.0 [°]										
16.3	73.0	58.4		22.5						
18.0	70.0	57.8	15.1	18.6						
20.0	66.3	57.0	15.1	15.1						
22.0	62.6	56.0	15.1	12.4						
24.0	58.6	54.8	14.1	10.3						
26.0	54.6	53.5	11.8	8.5						
28.0	50.2	51.9	10.1	7.1						
30.0	45.6	50.0	7.5	5.7						
32.0	40.6	47.8	5.0	4.5						
34.0	34.9	45.2	3.0	3.0						
Ángulo de pluma principal 75.0 [°]										
23.9	65.0	55.8		9.9						
24.0	64.9	55.8	14.2	9.9						
26.0	61.1	54.8	11.7	8.0						
28.0	57.1	53.6	9.6	6.5						
30.0	52.9	52.1	7.7	5.2						
32.0	48.5	50.4	6.0	4.0						
34.0	43.7	48.5	4.5	3.0						
36.0	38.5	46.1	3.2	2.1						
Ángulo de pluma principal 65.0 [°]										
32.8	55.0	51.2		3.0						
34.0	52.5	50.4	3.4	2.4						
36.0	48.4	48.7	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 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 [°]										
12.0	78.0	62.4		29.0						
13.0	76.4	62.1	15.1	29.0						
14.0	74.8	61.9	15.1	26.3						
16.0	71.6	61.2	15.1	21.4						
18.0	68.3	60.5	15.1	17.8						
20.0	64.9	59.6	13.8	14.7						
22.0	61.4	58.5	12.8	12.4						
24.0	57.7	57.3	10.4	9.8						
26.0	53.9	55.9	7.7	7.4						
28.0	50.0	54.3	5.6	5.5						
30.0	45.7	52.4	3.9	3.8						
Ángulo de pluma principal 83.0 [°]										
17.2	73.0	61.3	15.1	20.6						
18.0	71.7	61.0	15.1	18.8						
20.0	68.4	60.2	15.1	15.3						
22.0	65.0	59.3	13.9	12.6						
24.0	61.5	58.3	11.9	10.4						
26.0	57.8	57.1	10.1	8.6						
28.0	54.1	55.7	8.4	7.1						
30.0	50.1	54.1	7.1	5.9						
32.0	45.8	52.3	5.2	4.7						
34.0	41.2	50.1	3.4	3.5						
Ángulo de pluma principal 75.0 [°]										
25.2	65.0	58.6		8.7						
26.0	63.6	58.2	11.4	8.0						
28.0	60.1	57.1	9.3	6.5						
30.0	56.4	55.8	7.6	5.2						
32.0	52.5	54.4	6.0	4.1						
34.0	48.5	52.7	4.5	3.1						
36.0	44.1	50.7	3.2	2.2						
Ángulo de pluma principal 65.0 [°]										
34.6	55.0	53.7		2.1						
36.0	52.5	52.7	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 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 [°]										
12.6	78.0	65.3		27.1						
13.0	77.5	65.2	15.1	27.1						
14.0	76.0	65.0	15.1	26.1						
16.0	73.0	64.4	15.1	21.1						
18.0	70.0	63.7	15.1	17.3						
20.0	66.9	62.9	14.2	14.7						
22.0	63.7	61.9	12.5	12.4						
24.0	60.4	60.8	11.2	10.7						
26.0	57.1	59.6	8.3	8.0						
28.0	53.5	58.2	5.9	5.8						
30.0	49.8	56.5	4.1	4.1						
32.0	45.9	54.7	2.9	2.9						
Ángulo de pluma principal 83.0 [°]										
18.1	73.0	64.1	15.1	18.8						
20.0	70.1	63.5	15.1	15.4						
22.0	67.0	62.7	15.1	12.7						
24.0	63.8	61.7	12.9	10.5						
26.0	60.5	60.6	11.4	8.7						
28.0	57.1	59.4	9.5	7.2						
30.0	53.6	58.0	7.9	5.9						
32.0	49.9	56.3	6.6	4.9						
34.0	46.0	54.5	4.5	3.8						
Ángulo de pluma principal 75.0 [°]										
26.5	65.0	61.3		7.6						
28.0	62.5	60.5	9.1	6.5						
30.0	59.2	59.4	7.4	5.2						
32.0	55.8	58.1	5.9	4.1						
34.0	52.2	56.6	4.5	3.2						
36.0	48.4	54.9	3.3	2.3						
38.0	44.8	53.0	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]
23.0 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 [°]										
13.3	78.0	68.2	15.1	27.9						
14.0	77.0	68.1	15.1	27.9						
16.0	74.2	67.5	15.1	23.6						
18.0	71.4	66.9	15.1	19.1						
20.0	68.6	66.1	15.1	15.7						
22.0	65.7	65.3	13.2	13.1						
24.0	62.7	64.3	11.3	10.9						
26.0	59.6	63.1	9.5	9.1						
28.0	56.5	61.8	6.7	6.6						
30.0	53.2	60.4	4.4	4.4						
32.0	49.7	58.8	2.7	2.7						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	67.0		17.2						
20.0	71.5	66.7	15.1	15.4						
22.0	68.7	65.9	15.1	12.6						
24.0	65.8	65.0	14.5	10.4						
26.0	62.8	64.0	12.4	8.6						
28.0	59.7	62.9	10.3	7.1						
30.0	56.5	61.6	8.5	5.9						
32.0	53.3	60.2	6.6	4.8						
34.0	49.8	58.6	4.9	3.9						
36.0	46.2	56.7	3.5	2.9						
Ángulo de pluma principal 75.0 [°]										
27.7	65.0	64.0		6.5						
28.0	64.6	63.9	8.7	6.3						
30.0	61.6	62.9	7.0	5.0						
32.0	58.5	61.7	5.5	4.0						
34.0	55.3	60.3	4.3	3.0						
36.0	51.9	58.8	3.2	2.2						
38.0	48.7	57.1	2.0							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/
 Radio de descarga: 360 °
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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]
23.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.9	78.0	71.2	15.1	24.1						
14.0	77.9	71.2	15.1	24.1						
16.0	75.3	70.7	15.1	22.4						
18.0	72.7	70.0	15.1	18.7						
20.0	70.1	69.3	15.1	15.8						
22.0	67.4	68.5	14.3	13.2						
24.0	64.6	67.6	11.4	11.0						
26.0	61.8	66.6	9.3	9.2						
28.0	58.9	65.4	7.2	7.2						
30.0	55.9	64.1	4.9	5.0						
32.0	52.8	62.6	3.0	3.1						
Ángulo de pluma principal 83.0 [°]										
19.8	73.0	69.9		15.8						
20.0	72.8	69.8	15.1	15.5						
22.0	70.1	69.1	15.1	12.7						
24.0	67.4	68.3	14.4	10.5						
26.0	64.7	67.4	12.1	8.7						
28.0	61.9	66.4	10.1	7.2						
30.0	59.0	65.2	8.4	5.9						
32.0	56.0	63.9	6.8	4.8						
34.0	52.9	62.4	5.2	3.9						
36.0	49.7	60.8	3.9	3.0						
38.0	46.3	59.0	2.9	2.2						
Ángulo de pluma principal 75.0 [°]										
29.0	65.0	66.7		5.6						
30.0	63.6	66.3	6.8	5.0						
32.0	60.8	65.2	5.4	3.9						
34.0	57.9	64.0	4.1	3.0						
36.0	54.8	62.6	3.1	2.2						
38.0	51.9	61.1	2.1							

Cargas pluma principal + plumín abatible + midfall

Nº de ident.: 9842523/95738/ Pieza de articulación de pluma principal: 2821-1
 Radio de descarga: 360 ° Cabeza de pluma principal: 2821-1
 Valor de vuelco: 2 - Vía ancha
 Lastre trasero [t]: 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) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
7.8	78.0	44.8	15.1	30.1						
8.0	77.1	44.8	15.1	30.1						
9.0	73.4	44.5	15.1	30.1						
10.0	69.5	44.1	15.1	30.1						
11.0	65.6	43.6	15.1	25.0						
12.0	61.5	43.1	15.1	21.4						
13.0	57.3	42.5	15.1	18.2						
14.0	52.8	41.7	15.1	15.7						
16.0	42.7	39.8	12.7	12.4						
18.0	29.8	37.0	10.3	10.2						
Ángulo de pluma principal 83.0 [°]										
11.4	73.0	44.2		30.1						
12.0	70.8	44.0	15.1	30.0						
13.0	66.9	43.5	15.1	27.4						
14.0	62.8	43.0	15.1	22.4						
16.0	54.2	41.7	15.1	16.3						
18.0	44.4	39.9	13.2	12.8						
20.0	32.2	37.3	11.1	10.5						
Ángulo de pluma principal 75.0 [°]										
17.1	65.0	42.4		24.0						
18.0	61.3	42.0	15.1	20.8						
20.0	52.5	40.6	15.1	15.4						
22.0	42.4	38.7	12.8	12.1						
24.0	29.4	35.8	10.5	10.0						
Ángulo de pluma principal 65.0 [°]										
23.8	55.0	39.2		15.3						
24.0	54.0	39.1	15.1	15.2						
26.0	44.2	37.3	12.3	11.9						
28.0	31.8	34.6	9.7	9.7						
Ángulo de pluma principal 45.0 [°]										
35.0	35.0	29.4		5.1						
36.0	27.2	28.0	6.0	4.6						
37.0	16.3	25.5	5.4	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]
26.0 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 [°]										
8.4	78.0	47.8	15.1	30.1						
9.0	76.1	47.6	15.1	30.1						
10.0	72.9	47.3	15.1	30.1						
11.0	69.7	46.9	15.1	30.1						
12.0	66.4	46.5	15.1	25.5						
13.0	63.0	46.0	15.1	21.9						
14.0	59.5	45.4	15.1	19.1						
16.0	52.1	44.0	15.1	14.9						
18.0	43.6	42.1	12.5	12.0						
20.0	33.5	39.5	9.9	9.8						
Ángulo de pluma principal 83.0 [°]										
12.3	73.0	47.0	15.1	30.1						
13.0	70.7	46.8	15.1	29.7						
14.0	67.5	46.4	15.1	27.3						
16.0	60.6	45.3	15.1	20.0						
18.0	53.3	44.0	15.1	15.4						
20.0	45.1	42.1	12.8	12.4						
22.0	35.3	39.7	10.3	10.2						
Ángulo de pluma principal 75.0 [°]										
18.4	65.0	45.1	15.1	23.3						
20.0	59.3	44.3	15.1	19.0						
22.0	51.9	42.8	15.1	14.8						
24.0	43.4	40.9	13.0	12.0						
26.0	33.2	38.3	10.8	10.0						
Ángulo de pluma principal 65.0 [°]										
25.5	55.0	41.6	15.1	13.9						
26.0	53.1	41.3	13.4	13.4						
28.0	44.8	39.5	10.5	11.3						
30.0	35.0	37.0	10.5	9.6						
Ángulo de pluma principal 45.0 [°]										
37.4	35.0	31.2	5.0	4.2						
38.0	31.6	30.6	4.0	3.9						
40.0	17.8	25.9								

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]
26.0 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 [°]										
9.0	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	28.7						
12.0	69.8	49.8	15.1	26.8						
13.0	67.0	49.3	15.1	23.1						
14.0	64.1	48.8	15.1	20.0						
16.0	58.0	47.7	14.6	15.8						
18.0	51.5	46.2	14.0	12.8						
20.0	44.3	44.3	11.5	10.6						
22.0	35.9	41.9	9.1	8.8						
24.0	25.0	38.4	7.6	7.4						
Ángulo de pluma principal 83.0 [°]										
13.2	73.0	49.9	15.1	30.1						
14.0	70.7	49.6	15.1	28.4						
16.0	65.0	48.7	15.1	20.9						
18.0	59.0	47.6	14.6	16.4						
20.0	52.6	46.2	13.6	13.2						
22.0	45.5	44.4	11.3	11.0						
24.0	37.3	42.0	9.1	9.2						
26.0	27.0	38.8	7.7	7.8						
Ángulo de pluma principal 75.0 [°]										
19.6	65.0	47.9		20.3						
20.0	63.9	47.7	15.1	20.1						
22.0	57.9	46.5	15.0	15.8						
24.0	51.4	45.1	14.0	12.8						
26.0	44.1	43.2	11.6	10.7						
28.0	35.7	40.7	9.4	9.0						
30.0	24.6	37.2	7.8	7.6						
Ángulo de pluma principal 65.0 [°]										
27.2	55.0	44.1		12.7						
28.0	52.4	43.6	14.3	11.9						
30.0	45.3	41.8	11.4	10.2						
32.0	37.1	39.4	9.1	8.8						
34.0	26.7	36.1	7.7	7.5						
Ángulo de pluma principal 45.0 [°]										
39.9	35.0	32.9		3.5						
40.0	34.4	32.7		3.4						
42.0	22.8	29.3	3.5	2.7						
43.0	16.5	26.3	3.0							