

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 86.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.3	78.0	83.3	15.1	26.1						
14.0	76.9	83.1	15.1	26.1						
16.0	74.0	82.6	15.1	22.0						
18.0	70.9	81.9	15.1	18.2						
20.0	67.9	81.1	14.8	15.4						
22.0	64.7	80.2	12.0	12.6						
24.0	61.5	79.2	10.0	10.6						
26.0	58.1	78.0	7.4	7.8						
28.0	54.7	76.6	4.8	5.1						
30.0	51.0	75.1	2.8	2.9						
Ángulo de pluma principal 83.0 [°]										
20.3	73.0	82.0	15.1	18.4						
22.0	70.4	81.4	15.1	17.6						
24.0	67.3	80.6	15.1	15.0						
26.0	64.1	79.7	13.1	12.8						
28.0	60.8	78.6	11.5	11.1						
30.0	57.5	77.4	9.7	9.6						
32.0	54.0	76.0	8.1	8.2						
34.0	50.3	74.4	6.9	7.2						
36.0	46.4	72.6	4.9	5.0						
38.0	42.2	70.5	3.0	3.0						
Ángulo de pluma principal 75.0 [°]										
31.1	65.0	78.7		12.2						
32.0	63.6	78.3	12.8	12.2						
34.0	60.3	77.2	11.3	10.9						
36.0	56.9	75.9	9.7	9.6						
38.0	53.4	74.5	8.3	8.4						
40.0	49.7	72.9	7.2	7.4						
42.0	45.8	71.0	6.3	6.5						
44.0	41.5	68.9	5.5	5.6						
46.0	36.9	66.4	4.8	4.9						
48.0	31.7	63.4	3.9	3.9						
Ángulo de pluma principal 65.0 [°]										
43.9	55.0	72.4		5.4						
44.0	54.8	72.4	6.9	5.3						
46.0	51.2	70.9	5.9	4.5						
48.0	47.3	69.1	4.9	3.7						
50.0	43.2	67.1	4.0	2.9						
54.0	34.3	62.0	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 86.5 m Plumín 43.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
13.8	78.0	86.2		14.6						
14.0	77.8	86.2	15.1	14.6						
16.0	75.0	85.7	14.2	13.1						
18.0	72.2	85.1	11.3	10.6						
20.0	69.4	84.3	8.8	8.7						
22.0	66.5	83.5	7.2	7.2						
24.0	63.6	82.5	5.9	6.0						
26.0	60.5	81.4	5.0	5.1						
28.0	57.4	80.2	4.2	4.3						
30.0	54.1	78.8	3.5	3.6						
32.0	50.7	77.3	3.0	3.1						
34.0	47.1	75.5	2.6	2.6						
36.0	43.3	73.5	2.2	2.2						
Ángulo de pluma principal 83.0 [°]										
21.1	73.0	84.9	9.3	9.9						
22.0	71.7	84.6	9.2	9.9						
24.0	68.9	83.8	7.6	8.2						
26.0	66.0	83.0	6.4	6.9						
28.0	63.0	82.0	5.4	5.8						
30.0	59.9	80.9	4.6	5.0						
32.0	56.8	79.6	3.9	4.2						
34.0	53.5	78.2	3.3	3.6						
36.0	50.1	76.6	2.9	3.1						
38.0	46.4	74.7	2.5	2.6						
40.0	42.6	72.7	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
32.3	65.0	81.4		6.0						
34.0	62.5	80.6	5.7	5.8						
36.0	59.4	79.4	4.8	4.9						
38.0	56.3	78.2	4.1	4.2						
40.0	53.0	76.7	3.5	3.6						
42.0	49.5	75.1	3.0	3.1						
44.0	45.9	73.2	2.6	2.7						
46.0	42.0	71.1	2.2	2.2						
Ángulo de pluma principal 65.0 [°]										
45.6	55.0	74.9		3.7						
46.0	54.3	74.7	3.6	3.7						
48.0	50.9	73.1	3.3	3.3						
50.0	47.3	71.3	2.8	2.8						
54.0	39.4	67.0	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 89.5 m Plumín 43.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.9	78.0	86.2	15.1	26.9						
14.0	77.9	86.2	15.1	26.9						
16.0	75.1	85.7	15.1	25.0						
18.0	72.3	85.1	15.1	21.0						
20.0	69.5	84.4	15.1	17.8						
22.0	66.6	83.5	13.2	14.4						
24.0	63.6	82.6	9.9	10.7						
26.0	60.6	81.5	7.4	8.0						
28.0	57.5	80.2	5.1	5.4						
30.0	54.2	78.9	3.1	3.3						
Ángulo de pluma principal 83.0 [°]										
21.1	73.0	84.9		19.4						
22.0	71.8	84.6	15.1	19.3						
24.0	68.9	83.9	15.1	17.3						
26.0	66.0	83.0	14.7	15.0						
28.0	63.1	82.0	13.0	12.9						
30.0	60.0	80.9	11.8	11.3						
32.0	56.9	79.6	9.3	9.1						
34.0	53.6	78.2	7.2	7.2						
36.0	50.1	76.6	5.6	5.7						
38.0	46.5	74.8	4.0	4.1						
Ángulo de pluma principal 75.0 [°]										
32.4	65.0	81.4		13.2						
34.0	62.6	80.6	13.6	12.2						
36.0	59.5	79.5	11.8	10.8						
38.0	56.4	78.2	10.3	9.5						
40.0	53.1	76.7	8.8	8.4						
42.0	49.6	75.1	7.6	7.4						
44.0	45.9	73.3	6.6	6.5						
46.0	42.0	71.1	5.7	5.6						
48.0	37.8	68.7	5.0	4.8						
50.0	33.1	65.9	4.2	4.1						
Ángulo de pluma principal 65.0 [°]										
45.6	55.0	74.9		4.5						
46.0	54.4	74.7	5.6	4.3						
48.0	51.0	73.1	4.6	3.6						
50.0	47.4	71.4	3.7	2.8						
54.0	39.9	67.1	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 89.5 m Plumín 46.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
14.5	78.0	89.1	14.9	13.7						
16.0	76.0	88.8	14.3	13.1						
18.0	73.4	88.2	11.1	10.6						
20.0	70.8	87.5	8.8	8.6						
22.0	68.1	86.8	7.2	7.2						
24.0	65.4	85.9	5.9	6.0						
26.0	62.6	84.9	4.9	5.0						
28.0	59.8	83.8	4.2	4.3						
30.0	56.8	82.5	3.5	3.6						
32.0	53.8	81.1	3.0	3.0						
34.0	50.6	79.5	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	87.7	9.0	9.0						
24.0	70.3	87.0	8.3	8.3						
26.0	67.6	86.2	6.7	6.9						
28.0	64.9	85.3	5.7	5.8						
30.0	62.1	84.3	4.8	4.9						
32.0	59.2	83.2	4.1	4.2						
34.0	56.2	81.9	3.5	3.6						
36.0	53.2	80.4	3.0	3.0						
38.0	49.9	78.8	2.5	2.6						
40.0	46.6	77.0	2.1	2.2						
Ángulo de pluma principal 75.0 [°]										
33.6	65.0	84.1		5.4						
34.0	64.5	83.9	5.2	5.3						
36.0	61.6	82.9	4.8	4.9						
38.0	58.8	81.7	4.1	4.2						
40.0	55.8	80.4	3.5	3.6						
42.0	52.7	78.9	2.9	3.0						
44.0	49.4	77.3	2.5	2.6						
46.0	46.0	75.5	2.1	2.2						
Ángulo de pluma principal 65.0 [°]										
47.3	55.0	77.3		3.1						
48.0	53.9	76.9	3.0	3.1						
50.0	50.7	75.3	2.7	2.8						
54.0	43.8	71.4		2.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.5	78.0	89.2		23.3						
16.0	76.1	88.8	15.1	23.3						
18.0	73.5	88.2	15.1	19.4						
20.0	70.9	87.6	14.6	16.5						
22.0	68.2	86.8	14.0	14.4						
24.0	65.5	85.9	10.9	11.2						
26.0	62.7	84.9	8.1	8.6						
28.0	59.8	83.8	6.1	6.5						
30.0	56.9	82.5	4.1	4.3						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	87.7		16.7						
24.0	70.4	87.1	15.1	16.1						
26.0	67.7	86.3	14.3	14.0						
28.0	65.0	85.4	12.6	12.2						
30.0	62.2	84.3	10.8	10.6						
32.0	59.3	83.2	9.2	9.2						
34.0	56.3	81.9	7.5	7.6						
36.0	53.2	80.5	6.0	6.2						
38.0	50.0	78.8	4.9	5.2						
40.0	46.6	77.0	3.6	3.8						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	84.1		11.1						
34.0	64.5	84.0	11.3	11.1						
36.0	61.7	82.9	10.9	10.7						
38.0	58.8	81.8	9.3	9.4						
40.0	55.8	80.5	8.2	8.3						
42.0	52.7	79.0	7.0	7.2						
44.0	49.5	77.3	6.1	6.3						
46.0	46.1	75.5	5.4	5.5						
48.0	42.5	73.4	4.6	4.8						
50.0	38.6	71.0	4.0	4.1						
Ángulo de pluma principal 65.0 [°]										
47.3	55.0	77.3		3.8						
48.0	54.0	76.9	4.6	3.6						
50.0	50.8	75.4	3.7	2.9						
54.0	44.2	71.6	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 92.5 m Plumín 49.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.1	78.0	92.1	11.2	12.4						
16.0	76.9	91.9	11.2	12.4						
18.0	74.5	91.3	10.0	10.3						
20.0	72.0	90.7	8.5	8.5						
22.0	69.5	90.0	6.9	7.0						
24.0	67.0	89.2	5.8	5.9						
26.0	64.4	88.2	4.8	4.9						
28.0	61.8	87.2	4.1	4.1						
30.0	59.1	86.0	3.5	3.5						
32.0	56.3	84.8	2.9	3.0						
34.0	53.4	83.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
22.8	73.0	90.6		8.0						
24.0	71.6	90.2	7.9	7.9						
26.0	69.1	89.5	6.6	6.7						
28.0	66.5	88.6	5.6	5.7						
30.0	63.9	87.7	4.7	4.8						
32.0	61.3	86.6	4.0	4.1						
34.0	58.6	85.4	3.4	3.5						
36.0	55.8	84.1	2.8	2.9						
38.0	52.9	82.7	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
34.9	65.0	86.8		4.7						
36.0	63.5	86.3	4.6	4.7						
38.0	60.9	85.2	4.0	4.1						
40.0	58.1	84.0	3.4	3.5						
42.0	55.3	82.7	2.9	2.9						
44.0	52.4	81.2	2.4	2.4						
Ángulo de pluma principal 65.0 [°]										
49.0	55.0	79.8		2.6						
50.0	53.5	79.2	2.5	2.6						
53.0	49.0	76.6		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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 95.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.1	78.0	92.1		21.9						
16.0	77.0	91.9	15.1	21.9						
18.0	74.5	91.4	15.1	19.1						
20.0	72.1	90.7	14.8	16.4						
22.0	69.6	90.0	14.1	14.1						
24.0	67.1	89.2	12.2	11.7						
26.0	64.5	88.3	8.9	8.9						
28.0	61.9	87.2	6.4	6.7						
30.0	59.2	86.1	4.5	4.9						
32.0	56.4	84.8	3.0	3.2						
Ángulo de pluma principal 83.0 [°]										
22.9	73.0	90.6		15.6						
24.0	71.6	90.3	15.1	15.5						
26.0	69.1	89.5	13.5	13.8						
28.0	66.6	88.7	11.8	12.1						
30.0	64.0	87.7	9.9	10.5						
32.0	61.4	86.7	8.6	9.3						
34.0	58.6	85.5	7.2	7.8						
36.0	55.8	84.2	5.9	6.3						
38.0	52.9	82.7	4.7	5.1						
40.0	49.9	81.1	3.8	4.1						
42.0	46.7	79.3	2.9	3.1						
Ángulo de pluma principal 75.0 [°]										
34.9	65.0	86.8		10.2						
36.0	63.6	86.3	10.1	10.2						
38.0	60.9	85.3	9.2	9.3						
40.0	58.2	84.1	8.0	8.2						
42.0	55.4	82.7	7.1	7.2						
44.0	52.5	81.2	6.2	6.4						
46.0	49.4	79.6	5.6	5.6						
48.0	46.2	77.7	4.9	4.8						
50.0	42.8	75.7	4.2	4.1						
55.0	33.2	69.2	2.9	2.5						
Ángulo de pluma principal 65.0 [°]										
49.0	55.0	79.8		3.0						
50.0	53.6	79.2	3.4	2.7						
53.0	49.3	76.7	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 95.5 m Plumín 52.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
15.7	78.0	95.0	8.8	10.0						
16.0	77.7	95.0	8.8	10.0						
18.0	75.4	94.5	8.2	9.2						
20.0	73.1	93.9	7.2	7.9						
22.0	70.8	93.2	6.0	6.3						
24.0	68.4	92.4	5.2	5.3						
26.0	66.0	91.6	4.3	4.4						
28.0	63.6	90.6	3.5	3.6						
30.0	61.1	89.5	3.0	3.0						
32.0	58.5	88.3	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
23.7	73.0	93.5		6.6						
24.0	72.7	93.4	6.3	6.6						
26.0	70.3	92.7	5.9	6.1						
28.0	68.0	91.9	4.9	5.1						
30.0	65.6	91.0	4.2	4.3						
32.0	63.1	90.0	3.5	3.6						
34.0	60.6	88.9	2.9	3.0						
36.0	58.0	87.7	2.4	2.5						
Ángulo de pluma principal 75.0 [°]										
36.1	65.0	89.5		3.7						
38.0	62.7	88.6	3.4	3.6						
40.0	60.2	87.5	2.8	2.9						
42.0	57.6	86.3	2.4	2.5						
44.0	54.9	84.9		2.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 98.5 m Plumín 52.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.8	78.0	95.0	15.1	19.9						
16.0	77.7	95.0	15.1	19.9						
18.0	75.5	94.5	15.1	18.6						
20.0	73.2	93.9	15.1	15.9						
22.0	70.8	93.2	13.5	13.6						
24.0	68.5	92.5	12.3	12.0						
26.0	66.1	91.6	9.4	9.2						
28.0	63.6	90.6	6.8	6.9						
30.0	61.1	89.6	4.8	5.1						
32.0	58.6	88.4	3.5	3.7						
Ángulo de pluma principal 83.0 [°]										
23.8	73.0	93.5	13.8	14.2						
24.0	72.7	93.4	13.8	14.1						
26.0	70.4	92.7	13.1	13.4						
28.0	68.0	91.9	11.2	11.6						
30.0	65.6	91.1	9.7	10.2						
32.0	63.2	90.1	8.3	8.9						
34.0	60.7	89.0	7.3	7.9						
36.0	58.1	87.8	6.0	6.4						
38.0	55.4	86.4	4.7	5.1						
40.0	52.7	85.0	3.7	4.0						
42.0	49.8	83.3	2.9	3.1						
44.0	46.8	81.5	2.3	2.4						
Ángulo de pluma principal 75.0 [°]										
36.2	65.0	89.5		9.0						
38.0	62.8	88.7	8.8	9.0						
40.0	60.3	87.6	7.7	7.9						
42.0	57.7	86.3	6.8	7.1						
44.0	55.0	85.0	6.0	6.2						
46.0	52.2	83.5	5.3	5.5						
48.0	49.4	81.8	4.7	4.8						
50.0	46.3	80.0	4.1	4.0						
55.0	38.0	74.4	2.6	2.4						
Ángulo de pluma principal 65.0 [°]										
50.8	55.0	82.3		2.2						
53.0	52.1	80.7	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 101.5 m Plumín 55.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
16.4	78.0	98.0	15.1	17.5						
18.0	76.3	97.6	15.1	17.5						
20.0	74.1	97.0	14.8	14.9						
22.0	71.9	96.4	13.4	12.9						
24.0	69.7	95.7	11.2	11.2						
26.0	67.5	94.9	9.3	9.4						
28.0	65.2	94.0	6.8	7.0						
30.0	62.9	93.0	4.9	5.1						
32.0	60.5	91.9	3.4	3.6						
34.0	58.0	90.7	2.5	2.7						
Ángulo de pluma principal 83.0 [°]										
24.6	73.0	96.3		12.3						
26.0	71.5	95.9	11.8	12.3						
28.0	69.3	95.2	10.5	11.0						
30.0	67.0	94.3	9.0	9.6						
32.0	64.7	93.4	7.7	8.3						
34.0	62.4	92.4	6.7	7.2						
36.0	60.0	91.3	5.8	6.3						
38.0	57.6	90.1	4.6	5.0						
40.0	55.0	88.7	3.6	3.8						
42.0	52.4	87.2	2.7	2.9						
Ángulo de pluma principal 75.0 [°]										
37.5	65.0	92.3		7.6						
38.0	64.4	92.0	7.3	7.6						
40.0	62.0	91.0	7.1	7.3						
42.0	59.6	89.9	6.2	6.4						
44.0	57.2	88.6	5.5	5.7						
46.0	54.6	87.2	4.7	4.9						
48.0	52.0	85.7	4.1	4.3						
50.0	49.3	84.0	3.6	3.8						
55.0	41.9	79.1	2.3	2.3						
56.0	40.3	77.9	2.0	2.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 104.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.5	78.0	89.2		22.3						
16.0	76.1	88.8	15.1	22.3						
18.0	73.5	88.2	15.1	18.8						
20.0	70.9	87.6	12.9	14.5						
22.0	68.2	86.8	10.3	10.8						
24.0	65.5	85.9	5.8	6.0						
Ángulo de pluma principal 83.0 [°]										
22.0	73.0	87.7		15.9						
24.0	70.4	87.1	15.0	15.6						
26.0	67.7	86.3	13.5	13.1						
28.0	65.0	85.4	11.1	10.8						
30.0	62.2	84.3	8.4	8.6						
32.0	59.3	83.2	6.4	6.8						
34.0	56.3	81.9	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
33.7	65.0	84.1		8.9						
34.0	64.5	84.0	10.3	8.7						
36.0	61.7	82.9	10.0	7.4						
38.0	58.8	81.8	8.5	6.2						
40.0	55.8	80.5	7.3	5.2						
42.0	52.7	79.0	6.2	4.3						
44.0	49.5	77.3	5.1	3.5						
46.0	46.1	75.5	3.9	2.7						
48.0	42.8	73.4	2.9							
49.0	40.9	72.3	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 107.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.1	78.0	92.1		18.7						
16.0	77.0	91.9	15.1	18.7						
18.0	74.5	91.4	15.1	17.0						
20.0	72.1	90.7	14.4	14.1						
22.0	69.6	90.0	9.9	10.1						
24.0	67.1	89.2	6.6	7.0						
26.0	64.5	88.3	3.5	3.7						
Ángulo de pluma principal 83.0 [°]										
22.9	73.0	90.6		13.2						
24.0	71.6	90.3	12.8	13.2						
26.0	69.1	89.5	11.5	11.9						
28.0	66.6	88.7	9.6	10.2						
30.0	64.0	87.7	7.8	8.3						
32.0	61.4	86.7	6.3	6.8						
34.0	58.6	85.5	4.9	5.2						
36.0	55.8	84.2	3.1	3.3						
Ángulo de pluma principal 75.0 [°]										
34.9	65.0	86.8		7.9						
36.0	63.6	86.3	8.0	7.2						
38.0	60.9	85.3	7.5	6.0						
40.0	58.2	84.1	6.4	5.0						
42.0	55.4	82.7	5.5	4.1						
44.0	52.5	81.2	4.6	3.4						
46.0	49.4	79.6	3.8	2.7						
48.0	46.5	77.7	2.8							
49.0	44.8	76.7	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
41.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 110.5 m Plumín 52.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.8	78.0	95.0	15.1	19.2						
16.0	77.7	95.0	15.1	19.2						
18.0	75.5	94.5	15.1	18.4						
20.0	73.2	93.9	15.1	15.2						
22.0	70.8	93.2	10.9	10.7						
24.0	68.5	92.5	6.6	7.0						
26.0	66.1	91.6	4.1	4.4						
Ángulo de pluma principal 83.0 [°]										
23.8	73.0	93.5	12.9	12.5						
24.0	72.7	93.4	12.9	12.5						
26.0	70.4	92.7	12.5	12.0						
28.0	68.0	91.9	10.2	10.1						
30.0	65.6	91.1	8.5	8.5						
32.0	63.2	90.1	6.6	6.9						
34.0	60.7	89.0	5.3	5.6						
36.0	58.1	87.8	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
36.2	65.0	89.5		6.9						
38.0	62.8	88.7	7.3	5.9						
40.0	60.3	87.6	6.5	4.9						
42.0	57.7	86.3	5.5	4.0						
44.0	55.0	85.0	4.5	3.2						
46.0	52.2	83.5	3.6	2.5						
48.0	49.6	81.8	2.7							
49.0	48.1	80.9	2.2							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 32.5 m Plumín 13.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
7.7	78.0	59.9	15.1	30.1						
8.0	76.7	59.8	15.1	30.1						
9.0	72.0	59.5	15.1	24.9						
10.0	67.3	59.1	15.1	18.5						
11.0	62.3	58.5	15.1	14.6						
12.0	57.0	57.9	13.0	12.0						
13.0	51.4	57.1	11.2	10.1						
14.0	45.2	56.2	9.5	8.7						
16.0	29.7	53.5	7.0	6.7						
Ángulo de pluma principal 83.0 [°]										
12.7	73.0	59.1	15.1	25.5						
13.0	71.5	59.0	15.1	23.9						
14.0	66.7	58.6	15.1	17.8						
16.0	56.4	57.4	12.8	11.7						
18.0	44.4	55.7	9.2	8.5						
20.0	28.5	52.9	6.9	6.6						
Ángulo de pluma principal 75.0 [°]										
20.4	65.0	57.1		15.8						
22.0	56.9	56.2	13.8	11.8						
24.0	45.1	54.5	9.3	8.6						
26.0	29.5	51.7	6.9	6.7						
Ángulo de pluma principal 65.0 [°]										
29.6	55.0	53.0		10.8						
30.0	52.8	52.8	10.9	10.4						
32.0	40.1	50.8	7.7	7.7						
Ángulo de pluma principal 45.0 [°]										
45.2	35.0	40.5		6.9						
46.0	27.5	39.4	6.5	6.3						
47.0	17.4	36.8	5.7							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 35.5 m Plumín 16.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
8.3	78.0	62.8		30.1						
9.0	75.5	62.6	15.1	29.9						
10.0	71.7	62.3	15.1	24.8						
11.0	67.9	61.9	15.1	19.8						
12.0	63.9	61.4	15.1	16.3						
13.0	59.8	60.8	14.1	13.9						
14.0	55.4	60.2	12.2	12.0						
16.0	45.8	58.4	9.4	9.4						
18.0	34.1	55.9	7.4	7.7						
Ángulo de pluma principal 83.0 [°]										
13.6	73.0	62.0	15.1	25.6						
14.0	71.3	61.9	15.1	24.1						
16.0	63.4	61.0	15.1	15.8						
18.0	54.9	59.7	12.4	11.7						
20.0	45.2	57.9	9.7	9.3						
22.0	33.3	55.4	7.6	7.6						
Ángulo de pluma principal 75.0 [°]										
21.7	65.0	59.8		16.3						
22.0	63.8	59.7	15.1	16.1						
24.0	55.3	58.4	13.0	11.8						
26.0	45.7	56.7	9.8	9.3						
28.0	33.9	54.2	7.6	7.6						
Ángulo de pluma principal 65.0 [°]										
31.3	55.0	55.5		11.4						
32.0	52.0	55.1	11.6	10.8						
34.0	41.8	53.1	8.8	8.5						
36.0	28.5	50.2	7.1	7.0						
Ángulo de pluma principal 45.0 [°]										
47.6	35.0	42.2		7.4						
48.0	32.6	41.9	7.3	7.3						
50.0	15.4	37.1	6.0							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 38.5 m Plumín 16.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
8.4	78.0	62.8	15.1	30.1						
9.0	75.7	62.7	15.1	30.1						
10.0	72.0	62.3	15.1	30.1						
11.0	68.1	61.9	15.1	28.0						
12.0	64.1	61.4	15.1	23.0						
13.0	60.0	60.9	15.1	19.6						
14.0	55.6	60.2	15.1	16.7						
16.0	46.1	58.5	13.8	13.0						
18.0	34.3	56.0	11.2	10.5						
Ángulo de pluma principal 83.0 [°]										
13.6	73.0	62.0		30.1						
14.0	71.5	61.9	15.1	30.1						
16.0	63.6	61.0	15.1	22.5						
18.0	55.1	59.7	15.1	16.4						
20.0	45.4	58.0	13.4	12.8						
22.0	33.5	55.4	11.0	10.4						
Ángulo de pluma principal 75.0 [°]										
21.8	65.0	59.8		22.9						
22.0	64.0	59.7	15.1	22.9						
24.0	55.5	58.5	14.6	16.4						
26.0	46.0	56.8	12.6	12.8						
28.0	34.2	54.3	9.9	10.4						
Ángulo de pluma principal 65.0 [°]										
31.4	55.0	55.5		14.8						
32.0	52.2	55.1	15.1	14.2						
34.0	42.0	53.1	11.9	11.1						
36.0	28.8	50.2	9.5	9.2						
Ángulo de pluma principal 45.0 [°]										
47.7	35.0	42.2		6.7						
48.0	32.9	42.0	7.9	6.5						
50.0	16.1	37.3	6.9							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 38.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.0	78.0	65.7	15.1	30.1						
10.0	74.7	65.5	15.1	28.8						
11.0	71.6	65.1	15.1	24.0						
12.0	68.3	64.7	15.1	20.3						
13.0	65.0	64.3	15.1	17.3						
14.0	61.6	63.7	15.1	15.1						
16.0	54.3	62.4	12.8	11.9						
18.0	46.2	60.7	10.7	9.8						
20.0	36.7	58.3	8.5	8.1						
22.0	24.0	54.9	7.1	6.9						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	64.9		25.0						
16.0	67.9	64.3	15.1	19.8						
18.0	61.1	63.3	15.0	14.9						
20.0	53.8	61.9	12.2	11.7						
22.0	45.7	60.2	10.0	9.7						
24.0	36.1	57.8	8.0	8.1						
26.0	23.0	54.2	6.8	6.9						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5		16.5						
24.0	61.5	62.0	15.1	14.9						
26.0	54.2	60.7	13.2	11.8						
28.0	46.1	59.0	10.6	9.8						
30.0	36.6	56.6	8.4	8.1						
32.0	23.8	53.1	7.1	7.0						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	58.0		11.8						
34.0	51.4	57.3	12.4	11.0						
36.0	42.9	55.4	9.7	9.1						
38.0	32.5	52.7	8.0	7.7						
Ángulo de pluma principal 45.0 [°]										
50.1	35.0	43.9		7.8						
52.0	22.2	40.7	7.1	6.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 41.5 m Plumín 19.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.0	78.0	65.7		30.1						
10.0	74.9	65.5	15.1	30.1						
11.0	71.7	65.2	15.1	29.9						
12.0	68.5	64.8	15.1	28.4						
13.0	65.2	64.3	15.1	23.9						
14.0	61.7	63.8	15.1	20.7						
16.0	54.5	62.4	15.1	16.0						
18.0	46.4	60.7	13.6	12.9						
20.0	37.0	58.4	10.7	10.5						
22.0	24.3	54.9	8.7	8.7						
Ángulo de pluma principal 83.0 [°]										
14.5	73.0	64.9	15.1	30.1						
16.0	68.1	64.3	15.1	27.7						
18.0	61.3	63.3	15.1	20.4						
20.0	54.0	62.0	15.1	15.7						
22.0	45.9	60.2	13.2	12.8						
24.0	36.3	57.8	10.6	10.5						
26.0	23.3	54.3	8.7	8.7						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5		22.7						
24.0	61.7	62.1	15.1	20.5						
26.0	54.4	60.7	15.1	15.9						
28.0	46.3	59.0	14.0	13.0						
30.0	36.8	56.7	11.5	10.7						
32.0	24.1	53.2	9.4	8.9						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	57.9		15.0						
34.0	51.6	57.3	15.1	14.1						
36.0	43.1	55.4	12.0	11.5						
38.0	32.8	52.8	9.7	9.6						
Ángulo de pluma principal 45.0 [°]										
50.1	35.0	43.9		5.7						
52.0	22.5	40.8	6.1	5.0						

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 41.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	68.7	15.1	30.1						
10.0	76.9	68.6	15.1	29.8						
11.0	74.2	68.3	15.1	24.8						
12.0	71.4	67.9	15.1	20.6						
13.0	68.6	67.6	15.1	17.9						
14.0	65.8	67.1	15.1	15.6						
16.0	59.8	66.0	14.1	12.4						
18.0	53.5	64.7	11.0	10.1						
20.0	46.5	62.9	9.0	8.5						
22.0	38.5	60.7	7.4	7.2						
24.0	28.6	57.6	6.3	6.3						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	67.7		21.6						
16.0	71.1	67.5	15.1	20.4						
18.0	65.4	66.7	14.6	15.3						
20.0	59.5	65.6	12.9	12.3						
22.0	53.1	64.2	10.1	10.0						
24.0	46.1	62.4	8.4	8.5						
26.0	38.0	60.1	7.0	7.2						
28.0	28.0	57.0	6.0	6.2						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	65.2		14.5						
26.0	59.8	64.3	13.7	12.3						
28.0	53.4	62.9	10.9	10.1						
30.0	46.4	61.2	8.9	8.5						
32.0	38.4	58.9	7.4	7.2						
34.0	28.5	55.8	6.3	6.3						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		10.3						
36.0	50.9	59.5	10.1	9.5						
38.0	43.6	57.6	8.3	8.0						
40.0	35.1	55.1	7.0	6.9						
42.0	23.9	51.5	6.1	6.0						
Ángulo de pluma principal 45.0 [°]										
52.6	35.0	45.6		6.7						
55.0	20.5	41.2	5.8	5.8						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 44.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	68.7		30.1						
10.0	77.0	68.6	15.1	30.1						
11.0	74.3	68.3	15.1	30.1						
12.0	71.6	68.0	15.1	27.6						
13.0	68.8	67.6	15.1	25.1						
14.0	65.9	67.1	15.1	21.6						
16.0	60.0	66.1	14.9	16.9						
18.0	53.6	64.7	14.2	13.7						
20.0	46.7	63.0	12.5	11.4						
22.0	38.7	60.7	10.0	9.5						
24.0	28.9	57.6	8.3	8.1						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	67.8	15.1	30.1						
16.0	71.2	67.6	15.1	28.7						
18.0	65.6	66.7	15.1	21.2						
20.0	59.6	65.6	14.7	16.6						
22.0	53.2	64.2	13.6	13.5						
24.0	46.2	62.5	11.5	11.3						
26.0	38.2	60.2	9.4	9.4						
28.0	28.2	57.0	7.9	8.1						
Ángulo de pluma principal 75.0 [°]										
24.3	65.0	65.2		19.7						
26.0	59.9	64.4	15.1	16.8						
28.0	53.6	63.0	13.7	13.6						
30.0	46.6	61.2	11.8	11.4						
32.0	38.6	59.0	9.6	9.6						
34.0	28.7	55.9	8.1	8.2						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		13.1						
36.0	51.1	59.6	13.6	12.1						
38.0	43.8	57.7	10.9	10.2						
40.0	35.3	55.2	8.9	8.6						
42.0	24.2	51.6	7.6	7.4						
Ángulo de pluma principal 45.0 [°]										
52.6	35.0	45.6		5.1						
55.0	20.7	41.3	5.2	4.3						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 44.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	71.6	15.1	27.3						
11.0	76.1	71.4	15.1	25.2						
12.0	73.7	71.1	15.1	21.4						
13.0	71.3	70.8	15.1	18.2						
14.0	68.8	70.4	15.0	16.1						
16.0	63.8	69.5	12.8	12.8						
18.0	58.5	68.3	10.7	10.6						
20.0	52.8	66.9	8.7	8.8						
22.0	46.7	65.1	7.3	7.6						
24.0	39.8	63.0	6.3	6.5						
26.0	31.7	60.1	5.4	5.7						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6	15.1	19.1						
18.0	68.6	70.0	15.1	15.8						
20.0	63.5	69.0	13.5	12.6						
22.0	58.2	67.9	11.3	10.4						
24.0	52.5	66.4	9.1	8.8						
26.0	46.3	64.6	7.6	7.5						
28.0	39.4	62.4	6.5	6.5						
30.0	31.1	59.5	5.6	5.7						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	68.0		12.9						
26.0	63.7	67.8	14.4	12.8						
28.0	58.4	66.6	11.4	10.6						
30.0	52.8	65.2	9.1	8.8						
32.0	46.6	63.4	7.7	7.6						
34.0	39.7	61.2	6.5	6.5						
36.0	31.6	58.4	5.7	5.7						
Ángulo de pluma principal 65.0 [°]										
36.5	55.0	62.9		9.1						
38.0	50.6	61.8	8.6	8.3						
40.0	44.2	59.9	7.2	7.2						
42.0	37.0	57.5	6.2	6.2						
44.0	28.0	54.3	5.5	5.5						
Ángulo de pluma principal 45.0 [°]										
55.0	35.0	47.4		5.9						
58.0	19.1	41.8	5.0	5.0						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 47.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	71.6	15.1	30.1						
11.0	76.2	71.4	15.1	30.1						
12.0	73.9	71.1	15.1	30.0						
13.0	71.4	70.8	15.1	25.4						
14.0	69.0	70.4	15.1	22.4						
16.0	63.9	69.5	15.1	17.3						
18.0	58.6	68.4	13.8	14.2						
20.0	53.0	66.9	11.8	11.8						
22.0	46.9	65.2	10.0	10.0						
24.0	40.0	63.0	8.3	8.4						
26.0	31.8	60.2	7.0	7.2						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6		26.6						
18.0	68.7	70.0	15.1	21.8						
20.0	63.6	69.1	15.1	17.1						
22.0	58.3	67.9	13.9	14.0						
24.0	52.6	66.5	12.3	11.6						
26.0	46.5	64.7	10.4	9.8						
28.0	39.5	62.5	8.6	8.4						
30.0	31.3	59.6	7.2	7.2						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	68.0		17.3						
26.0	63.9	67.8	15.1	17.3						
28.0	58.6	66.6	14.8	14.2						
30.0	52.9	65.2	12.0	11.7						
32.0	46.8	63.5	10.0	10.0						
34.0	39.9	61.3	8.3	8.5						
36.0	31.8	58.5	7.1	7.4						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	62.9		11.5						
38.0	50.8	61.8	10.6	10.5						
40.0	44.4	59.9	8.8	9.0						
42.0	37.1	57.5	7.4	7.7						
44.0	28.2	54.3	6.4	6.7						
Ángulo de pluma principal 45.0 [°]										
55.1	35.0	47.3		4.3						
58.0	19.3	41.9	4.1	3.4						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 47.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	74.5		30.1						
11.0	77.6	74.5	15.1	30.1						
12.0	75.5	74.2	15.1	30.1						
13.0	73.4	73.9	15.1	29.3						
14.0	71.2	73.6	15.1	25.9						
16.0	66.8	72.8	15.1	21.1						
18.0	62.2	71.8	15.1	17.6						
20.0	57.4	70.6	14.4	15.2						
22.0	52.3	69.1	13.7	13.3						
24.0	46.9	67.4	12.5	11.8						
26.0	40.8	65.3	10.9	10.6						
28.0	33.8	62.6	9.7	9.6						
30.0	25.2	59.0	8.7	8.8						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5	15.1	27.0						
18.0	71.0	73.2	15.1	25.7						
20.0	66.5	72.4	15.1	20.8						
22.0	61.9	71.3	15.1	17.4						
24.0	57.1	70.1	14.5	15.0						
26.0	52.0	68.7	13.9	13.2						
28.0	46.5	66.9	12.4	11.8						
30.0	40.4	64.7	10.9	10.5						
32.0	33.4	62.0	9.7	9.6						
34.0	24.5	58.4	8.7	8.8						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		18.6						
28.0	62.2	70.1	15.1	17.6						
30.0	57.4	68.9	14.9	15.1						
32.0	52.3	67.4	13.8	13.2						
34.0	46.8	65.7	12.5	11.8						
36.0	40.7	63.5	10.9	10.6						
38.0	33.8	60.8	9.7	9.6						
40.0	25.1	57.3	8.8	8.8						
Ángulo de pluma principal 65.0 [°]										
38.2	55.0	65.3		13.7						
40.0	50.3	64.0	13.6	12.7						
42.0	44.7	62.1	11.9	11.4						
44.0	38.3	59.8	10.4	10.2						
46.0	30.9	56.9	9.4	9.4						
48.0	21.0	52.7	8.5	8.6						
Ángulo de pluma principal 45.0 [°]										
57.5	35.0	49.1		6.0						
60.0	24.0	44.9	6.2	5.4						
61.0	17.9	42.3	5.9	5.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 50.5 m Plumín 19.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.0	78.0	65.7	15.1	30.1						
10.0	74.7	65.5	15.1	30.1						
11.0	71.6	65.1	15.1	28.2						
12.0	68.3	64.7	15.1	25.6						
13.0	65.0	64.3	15.1	21.6						
14.0	61.6	63.7	15.1	18.8						
16.0	54.3	62.4	15.0	14.7						
18.0	46.2	60.7	13.5	12.0						
20.0	36.7	58.3	10.6	9.8						
22.0	24.0	54.9	8.7	8.3						
Ángulo de pluma principal 83.0 [°]										
14.4	73.0	64.9		30.0						
16.0	67.9	64.3	15.1	24.8						
18.0	61.1	63.3	15.1	18.6						
20.0	53.8	61.9	15.1	14.5						
22.0	45.7	60.2	13.2	11.9						
24.0	36.1	57.8	10.5	9.8						
26.0	23.0	54.2	8.6	8.3						
Ángulo de pluma principal 75.0 [°]										
23.0	65.0	62.5		20.2						
24.0	61.5	62.0	15.1	18.7						
26.0	54.2	60.7	14.9	14.7						
28.0	46.1	59.0	13.5	12.0						
30.0	36.6	56.6	10.7	10.0						
32.0	23.8	53.1	8.9	8.5						
Ángulo de pluma principal 65.0 [°]										
33.1	55.0	58.0		14.4						
34.0	51.4	57.3	15.1	13.7						
36.0	42.9	55.4	12.5	11.3						
38.0	32.5	52.7	10.1	9.5						
Ángulo de pluma principal 45.0 [°]										
50.1	35.0	43.9		6.1						
52.0	22.2	40.7	6.9	5.3						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 50.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.9	78.0	74.6	15.1	30.1						
11.0	77.7	74.5	15.1	30.1						
12.0	75.6	74.3	15.1	30.1						
13.0	73.5	74.0	15.1	30.0						
14.0	71.3	73.6	15.1	28.9						
16.0	66.9	72.8	15.1	25.1						
18.0	62.4	71.8	15.1	20.7						
20.0	57.6	70.6	15.0	17.5						
22.0	52.5	69.2	14.8	15.1						
24.0	47.0	67.4	13.6	13.2						
26.0	41.0	65.3	11.7	11.6						
28.0	34.0	62.6	10.2	10.3						
30.0	25.3	59.1	9.0	9.3						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5		30.1						
18.0	71.1	73.2	15.1	30.0						
20.0	66.7	72.4	15.1	24.8						
22.0	62.1	71.4	15.1	20.5						
24.0	57.3	70.2	15.1	17.3						
26.0	52.2	68.7	15.1	15.0						
28.0	46.7	66.9	13.4	13.1						
30.0	40.6	64.8	11.6	11.6						
32.0	33.5	62.1	10.2	10.4						
34.0	24.7	58.4	9.0	9.3						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		21.9						
28.0	62.3	70.1	15.1	20.7						
30.0	57.5	68.9	15.1	17.5						
32.0	52.4	67.5	15.1	15.0						
34.0	46.9	65.7	14.1	13.3						
36.0	40.9	63.6	12.2	11.7						
38.0	33.9	60.9	10.8	10.5						
40.0	25.2	57.3	9.5	9.5						
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	65.3		14.6						
40.0	50.5	64.0	14.7	13.4						
42.0	44.8	62.2	12.9	12.1						
44.0	38.5	59.9	11.1	10.7						
46.0	31.0	56.9	9.8	9.7						
48.0	21.2	52.8	8.7	8.7						
Ángulo de pluma principal 45.0 [°]										
57.5	35.0	49.1		3.6						
60.0	24.2	44.9	3.5	2.8						
61.0	18.1	42.4	3.3	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 53.5 m Plumín 22.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	68.7	15.1	30.1						
10.0	76.9	68.6	15.1	30.1						
11.0	74.2	68.3	15.1	27.8						
12.0	71.4	67.9	15.1	23.7						
13.0	68.6	67.6	15.1	20.5						
14.0	65.8	67.1	15.1	17.8						
16.0	59.8	66.0	14.6	14.0						
18.0	53.5	64.7	12.0	11.3						
20.0	46.5	62.9	9.9	9.3						
22.0	38.5	60.7	8.0	7.7						
24.0	28.6	57.6	6.6	6.6						
Ángulo de pluma principal 83.0 [°]										
15.3	73.0	67.7		24.0						
16.0	71.1	67.5	15.1	23.3						
18.0	65.4	66.7	15.1	17.4						
20.0	59.5	65.6	14.3	13.8						
22.0	53.1	64.2	11.3	11.1						
24.0	46.1	62.4	9.3	9.2						
26.0	38.0	60.1	7.5	7.7						
28.0	28.0	57.0	6.4	6.6						
Ángulo de pluma principal 75.0 [°]										
24.2	65.0	65.2		15.9						
26.0	59.8	64.3	14.9	13.9						
28.0	53.4	62.9	12.3	11.2						
30.0	46.4	61.2	9.9	9.4						
32.0	38.4	58.9	8.0	7.8						
34.0	28.5	55.8	6.8	6.7						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		11.3						
36.0	50.9	59.5	11.5	10.6						
38.0	43.6	57.6	9.3	8.8						
40.0	35.1	55.1	7.6	7.5						
42.0	23.9	51.5	6.5	6.5						
Ángulo de pluma principal 45.0 [°]										
52.6	35.0	45.6		5.3						
55.0	20.5	41.2	5.8	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 53.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.5	78.0	77.5	15.1	30.1						
12.0	77.1	77.4	15.1	30.1						
13.0	75.1	77.1	15.1	30.1						
14.0	73.2	76.8	15.1	29.1						
16.0	69.3	76.1	15.1	24.0						
18.0	65.2	75.2	15.1	19.6						
20.0	61.1	74.2	15.0	16.6						
22.0	56.7	72.9	13.5	14.3						
24.0	52.1	71.4	12.3	12.5						
26.0	47.1	69.7	11.0	11.0						
28.0	41.7	67.6	9.5	9.7						
30.0	35.6	65.0	8.3	8.6						
32.0	28.4	61.8	7.4	7.8						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	76.4		27.7						
20.0	69.1	75.7	15.1	23.5						
22.0	65.0	74.8	15.1	19.4						
24.0	60.8	73.7	15.0	16.5						
26.0	56.4	72.4	13.8	14.1						
28.0	51.8	70.9	13.0	12.4						
30.0	46.8	69.2	11.4	10.9						
32.0	41.4	67.1	9.8	9.7						
34.0	35.2	64.5	8.5	8.6						
36.0	27.9	61.2	7.7	7.8						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	73.4		18.4						
30.0	61.0	72.4	15.1	16.5						
32.0	56.6	71.2	14.4	14.3						
34.0	52.0	69.7	12.6	12.5						
36.0	47.1	67.9	11.1	11.1						
38.0	41.7	65.9	9.6	9.8						
40.0	35.6	63.3	8.4	8.8						
42.0	28.3	60.0	7.6	7.9						
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	67.8		12.5						
42.0	50.3	66.3	11.4	11.3						
44.0	45.2	64.4	9.9	10.1						
46.0	39.5	62.2	8.6	8.9						
48.0	33.1	59.4	7.7	8.1						
50.0	25.1	55.7	7.0	7.3						
Ángulo de pluma principal 45.0 [°]										
60.0	35.0	50.8		2.6						
64.0	18.8	42.8	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 56.5 m Plumín 22.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
9.6	78.0	68.7		30.1						
10.0	77.0	68.6	15.1	30.1						
11.0	74.3	68.3	15.1	30.1						
12.0	71.6	68.0	15.1	28.7						
13.0	68.8	67.6	15.1	27.2						
14.0	65.9	67.1	15.1	23.4						
16.0	60.0	66.1	15.1	18.3						
18.0	53.6	64.7	14.9	14.7						
20.0	46.7	63.0	13.5	12.2						
22.0	38.7	60.7	10.8	10.2						
24.0	28.9	57.6	8.8	8.6						
Ángulo de pluma principal 83.0 [°]										
15.4	73.0	67.8	15.1	30.1						
16.0	71.2	67.6	15.1	30.0						
18.0	65.6	66.7	15.1	23.0						
20.0	59.6	65.6	15.1	18.1						
22.0	53.2	64.2	15.1	14.5						
24.0	46.2	62.5	13.3	12.1						
26.0	38.2	60.2	10.7	10.1						
28.0	28.2	57.0	8.9	8.6						
Ángulo de pluma principal 75.0 [°]										
24.3	65.0	65.2		21.0						
26.0	59.9	64.4	15.1	18.1						
28.0	53.6	63.0	14.8	14.7						
30.0	46.6	61.2	13.6	12.3						
32.0	38.6	59.0	11.0	10.3						
34.0	28.7	55.9	9.1	8.8						
Ángulo de pluma principal 65.0 [°]										
34.8	55.0	60.4		13.6						
36.0	51.1	59.6	14.8	12.6						
38.0	43.8	57.7	11.9	11.0						
40.0	35.3	55.2	9.7	9.3						
42.0	24.2	51.6	8.2	8.0						
Ángulo de pluma principal 45.0 [°]										
52.6	35.0	45.6		2.4						
55.0	22.6	41.3	2.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 56.5 m Plumín 25.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.2	78.0	71.6	15.1	29.9						
11.0	76.1	71.4	15.1	28.5						
12.0	73.7	71.1	15.1	24.2						
13.0	71.3	70.8	15.1	20.7						
14.0	68.8	70.4	15.1	18.3						
16.0	63.8	69.5	14.0	14.5						
18.0	58.5	68.3	12.2	12.1						
20.0	52.8	66.9	10.0	10.1						
22.0	46.7	65.1	8.5	8.7						
24.0	39.8	63.0	7.2	7.5						
26.0	31.7	60.1	6.3	6.5						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6	15.1	21.2						
18.0	68.6	70.0	15.1	17.9						
20.0	63.5	69.0	14.4	14.3						
22.0	58.2	67.9	12.7	11.9						
24.0	52.5	66.4	10.5	10.0						
26.0	46.3	64.6	8.9	8.6						
28.0	39.4	62.4	7.5	7.4						
30.0	31.1	59.5	6.5	6.5						
Ángulo de pluma principal 75.0 [°]										
25.5	65.0	68.0		14.4						
26.0	63.7	67.8	15.1	14.4						
28.0	58.4	66.6	12.8	12.1						
30.0	52.8	65.2	10.5	10.1						
32.0	46.6	63.4	8.9	8.7						
34.0	39.7	61.2	7.6	7.5						
36.0	31.6	58.4	6.6	6.6						
Ángulo de pluma principal 65.0 [°]										
36.5	55.0	62.9		10.3						
38.0	50.6	61.8	9.5	9.6						
40.0	44.2	59.9	8.0	8.3						
42.0	37.0	57.5	6.9	7.1						
44.0	28.0	54.3	6.1	6.3						
Ángulo de pluma principal 45.0 [°]										
55.0	35.0	47.4		4.8						
58.0	19.1	41.8	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 59.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.3	78.0	71.6	15.1	30.1						
11.0	76.2	71.4	15.1	30.1						
12.0	73.9	71.1	15.1	30.1						
13.0	71.4	70.8	15.1	26.9						
14.0	69.0	70.4	15.1	24.1						
16.0	63.9	69.5	15.1	18.7						
18.0	58.6	68.4	14.2	15.3						
20.0	53.0	66.9	12.4	12.6						
22.0	46.9	65.2	10.7	10.7						
24.0	40.0	63.0	8.8	9.0						
26.0	31.8	60.2	7.4	7.7						
Ángulo de pluma principal 83.0 [°]										
16.2	73.0	70.6		27.8						
18.0	68.7	70.0	15.1	23.6						
20.0	63.6	69.1	15.1	18.5						
22.0	58.3	67.9	14.4	15.1						
24.0	52.6	66.5	13.1	12.5						
26.0	46.5	64.7	11.3	10.6						
28.0	39.5	62.5	9.2	9.0						
30.0	31.3	59.6	7.7	7.7						
Ángulo de pluma principal 75.0 [°]										
25.6	65.0	68.0		18.4						
26.0	63.9	67.8	15.1	18.3						
28.0	58.6	66.6	15.1	15.3						
30.0	52.9	65.2	12.9	12.7						
32.0	46.8	63.5	11.0	10.8						
34.0	39.9	61.3	9.1	9.2						
36.0	31.8	58.5	7.7	7.9						
Ángulo de pluma principal 65.0 [°]										
36.6	55.0	62.9		12.3						
38.0	50.8	61.8	12.5	11.2						
40.0	44.4	59.9	10.2	9.8						
42.0	37.1	57.5	8.4	8.3						
44.0	28.2	54.3	7.2	7.2						
Ángulo de pluma principal 45.0 [°]										
55.3	35.0	47.3	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 59.5 m Plumín 28.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
10.8	78.0	74.5		27.5						
11.0	77.6	74.5	15.1	27.5						
12.0	75.5	74.2	15.1	25.2						
13.0	73.4	73.9	15.1	22.0						
14.0	71.2	73.6	15.1	19.1						
16.0	66.8	72.8	14.3	15.3						
18.0	62.2	71.8	12.7	12.6						
20.0	57.4	70.6	10.6	10.5						
22.0	52.3	69.1	8.6	8.8						
24.0	46.9	67.4	7.3	7.6						
26.0	40.8	65.3	6.3	6.5						
28.0	33.8	62.6	5.4	5.7						
30.0	25.2	59.0	4.7	5.0						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5	15.1	19.6						
18.0	71.0	73.2	15.1	18.8						
20.0	66.5	72.4	14.8	15.1						
22.0	61.9	71.3	13.3	12.5						
24.0	57.1	70.1	11.0	10.4						
26.0	52.0	68.7	9.0	8.8						
28.0	46.5	66.9	7.6	7.6						
30.0	40.4	64.7	6.5	6.5						
32.0	33.4	62.0	5.6	5.7						
34.0	24.5	58.4	4.9	5.0						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		13.2						
28.0	62.2	70.1	13.0	12.6						
30.0	57.4	68.9	10.6	10.5						
32.0	52.3	67.4	8.7	8.9						
34.0	46.8	65.7	7.4	7.7						
36.0	40.7	63.5	6.4	6.6						
38.0	33.8	60.8	5.6	5.8						
40.0	25.1	57.3	4.9	5.1						
Ángulo de pluma principal 65.0 [°]										
38.2	55.0	65.3		9.3						
40.0	50.3	64.0	8.3	8.5						
42.0	44.7	62.1	7.1	7.4						
44.0	38.3	59.8	6.1	6.3						
46.0	30.9	56.9	5.4	5.6						
48.0	21.0	52.7	4.8	4.9						
Ángulo de pluma principal 45.0 [°]										
57.5	35.0	49.1		4.1						
60.0	24.0	44.9	4.4	3.4						
61.0	17.9	42.3	4.1	3.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 62.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.9	78.0	74.6	15.1	30.1						
11.0	77.7	74.5	15.1	30.1						
12.0	75.6	74.3	15.1	29.4						
13.0	73.5	74.0	15.1	26.7						
14.0	71.3	73.6	15.1	23.0						
16.0	66.9	72.8	15.0	18.2						
18.0	62.4	71.8	14.7	14.7						
20.0	57.6	70.6	12.5	12.2						
22.0	52.5	69.2	10.1	10.2						
24.0	47.0	67.4	8.4	8.7						
26.0	41.0	65.3	7.1	7.3						
28.0	34.0	62.6	6.0	6.3						
30.0	25.3	59.1	5.1	5.3						
Ángulo de pluma principal 83.0 [°]										
17.1	73.0	73.5		23.7						
18.0	71.1	73.2	15.1	22.8						
20.0	66.7	72.4	15.1	17.9						
22.0	62.1	71.4	15.1	14.5						
24.0	57.3	70.2	12.8	12.1						
26.0	52.2	68.7	10.6	10.2						
28.0	46.7	66.9	8.9	8.7						
30.0	40.6	64.8	7.4	7.3						
32.0	33.5	62.1	6.2	6.3						
34.0	24.7	58.4	5.3	5.4						
Ángulo de pluma principal 75.0 [°]										
26.8	65.0	70.7		15.5						
28.0	62.3	70.1	15.1	14.8						
30.0	57.5	68.9	13.4	12.2						
32.0	52.4	67.5	10.8	10.2						
34.0	46.9	65.7	9.0	8.8						
36.0	40.9	63.6	7.6	7.5						
38.0	33.9	60.9	6.4	6.5						
40.0	25.2	57.3	5.5	5.5						
Ángulo de pluma principal 65.0 [°]										
38.3	55.0	65.3		10.2						
40.0	50.5	64.0	9.1	9.3						
42.0	44.8	62.2	7.7	8.0						
44.0	38.5	59.9	6.5	6.8						
46.0	31.0	56.9	5.6	5.9						
48.0	21.2	52.8	4.8	5.0						
49.0	16.0	49.7	4.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 62.5 m Plumín 31.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
11.4	78.0	77.5		25.0						
12.0	76.9	77.3	15.1	25.0						
13.0	75.0	77.1	15.1	22.1						
14.0	73.1	76.8	15.1	19.6						
16.0	69.2	76.1	15.1	15.7						
18.0	65.1	75.2	13.2	12.9						
20.0	60.9	74.1	11.6	10.9						
22.0	56.6	72.9	9.5	9.2						
24.0	52.0	71.4	7.9	7.8						
26.0	47.0	69.6	6.7	6.8						
28.0	41.6	67.5	5.8	5.9						
30.0	35.5	65.0	5.1	5.1						
32.0	28.2	61.7	4.5	4.5						
Ángulo de pluma principal 83.0 [°]										
17.9	73.0	76.4		17.8						
18.0	72.9	76.4	15.1	17.8						
20.0	68.9	75.6	15.1	15.3						
22.0	64.9	74.7	13.4	12.7						
24.0	60.7	73.7	11.5	10.8						
26.0	56.3	72.4	9.4	9.1						
28.0	51.7	70.9	7.9	7.8						
30.0	46.7	69.1	6.8	6.8						
32.0	41.3	67.0	5.8	5.9						
34.0	35.1	64.4	5.1	5.2						
36.0	27.7	61.1	4.5	4.6						
Ángulo de pluma principal 75.0 [°]										
28.0	65.0	73.4		12.0						
30.0	60.9	72.4	11.5	10.8						
32.0	56.5	71.1	9.6	9.2						
34.0	51.9	69.7	8.0	7.9						
36.0	46.9	67.9	6.9	6.9						
38.0	41.5	65.8	5.9	6.0						
40.0	35.4	63.2	5.2	5.3						
42.0	28.1	60.0	4.6	4.7						
Ángulo de pluma principal 65.0 [°]										
39.9	55.0	67.8		8.4						
40.0	54.9	67.7		8.4						
42.0	50.1	66.2	7.6	7.6						
44.0	45.0	64.4	6.6	6.6						
46.0	39.4	62.1	5.7	5.8						
48.0	32.9	59.3	5.0	5.1						
50.0	25.0	55.7	4.5	4.5						
Ángulo de pluma principal 45.0 [°]										
59.9	35.0	50.8		3.7						
60.0	34.8	50.7		3.7						
64.0	17.0	42.7	3.5	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 65.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.5	78.0	77.5	15.1	30.1						
12.0	77.1	77.4	15.1	30.1						
13.0	75.1	77.1	15.1	29.9						
14.0	73.2	76.8	15.1	29.2						
16.0	69.3	76.1	15.1	23.2						
18.0	65.2	75.2	15.1	19.0						
20.0	61.1	74.2	15.1	16.1						
22.0	56.7	72.9	13.3	13.8						
24.0	52.1	71.4	11.8	11.9						
26.0	47.1	69.7	10.2	10.3						
28.0	41.7	67.6	8.5	8.8						
30.0	35.6	65.0	7.0	7.5						
32.0	28.4	61.8	5.6	6.0						
Ángulo de pluma principal 83.0 [°]										
18.0	73.0	76.4		26.3						
20.0	69.1	75.7	15.1	22.8						
22.0	65.0	74.8	15.1	18.8						
24.0	60.8	73.7	15.1	16.0						
26.0	56.4	72.4	13.3	13.7						
28.0	51.8	70.9	11.8	11.9						
30.0	46.8	69.2	10.4	10.5						
32.0	41.4	67.1	8.9	9.2						
34.0	35.2	64.5	7.7	8.1						
36.0	27.9	61.2	6.8	7.2						
Ángulo de pluma principal 75.0 [°]										
28.1	65.0	73.4		17.6						
30.0	61.0	72.4	14.9	16.0						
32.0	56.6	71.2	13.6	13.9						
34.0	52.0	69.7	11.6	12.0						
36.0	47.1	67.9	10.1	10.6						
38.0	41.7	65.9	8.8	9.3						
40.0	35.6	63.3	7.7	8.3						
42.0	28.3	60.0	6.9	7.4						
Ángulo de pluma principal 65.0 [°]										
40.0	55.0	67.8		10.0						
42.0	50.3	66.3	11.1	8.9						
44.0	45.2	64.4	9.9	7.8						
46.0	39.5	62.2	8.6	6.9						
48.0	33.1	59.4	7.6	6.1						
50.0	25.1	55.7	6.8	5.3						
52.0	15.2	50.1	6.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 65.5 m Plumín 34.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	80.4	15.1	22.7						
13.0	76.4	80.2	15.1	22.4						
14.0	74.6	79.9	15.1	19.6						
16.0	71.1	79.3	15.1	15.8						
18.0	67.5	78.5	14.2	13.2						
20.0	63.7	77.5	11.7	11.0						
22.0	59.9	76.4	9.8	9.5						
24.0	55.9	75.1	8.2	8.1						
26.0	51.6	73.6	6.9	7.0						
28.0	47.1	71.9	6.0	6.1						
30.0	42.2	69.8	5.2	5.3						
32.0	36.8	67.3	4.5	4.6						
34.0	30.5	64.3	4.0	4.1						
36.0	22.7	60.3	3.6	3.6						
Ángulo de pluma principal 83.0 [°]										
18.8	73.0	79.2		16.3						
20.0	70.9	78.8	15.1	15.7						
22.0	67.3	78.0	14.3	13.1						
24.0	63.5	77.1	11.6	10.9						
26.0	59.7	76.0	9.7	9.4						
28.0	55.6	74.7	8.1	8.0						
30.0	51.4	73.1	6.9	7.0						
32.0	46.8	71.4	6.0	6.1						
34.0	41.9	69.3	5.3	5.3						
36.0	36.4	66.8	4.6	4.6						
38.0	30.1	63.7	4.1	4.1						
40.0	22.1	59.6	3.6	3.7						
Ángulo de pluma principal 75.0 [°]										
29.3	65.0	76.1		10.9						
30.0	63.7	75.8	11.0	10.9						
32.0	59.8	74.7	9.3	9.4						
34.0	55.8	73.4	7.9	8.1						
36.0	51.6	71.9	6.8	7.1						
38.0	47.1	70.1	6.0	6.2						
40.0	42.2	68.1	5.2	5.4						
42.0	36.7	65.6	4.6	4.8						
44.0	30.5	62.5	4.1	4.3						
46.0	22.6	58.5	3.6	3.8						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		7.5						
42.0	54.3	70.1	7.4	7.5						
44.0	50.0	68.5	6.7	6.8						
46.0	45.3	66.6	5.9	6.0						
48.0	40.3	64.4	5.1	5.2						
50.0	34.6	61.7	4.5	4.6						
Ángulo de pluma principal 45.0 [°]										
62.4	35.0	52.5		2.9						
65.0	26.0	48.3	3.2	2.3						
67.0	17.6	43.2	2.6							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 68.5 m Plumín 34.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.1	78.0	80.4		30.1						
13.0	76.5	80.2	15.1	30.1						
14.0	74.7	79.9	15.1	27.4						
16.0	71.2	79.3	15.1	21.9						
18.0	67.6	78.5	14.9	18.2						
20.0	63.8	77.6	14.4	15.2						
22.0	60.0	76.5	13.4	13.1						
24.0	56.0	75.2	11.3	11.3						
26.0	51.7	73.7	9.6	9.8						
28.0	47.2	71.9	8.3	8.6						
30.0	42.3	69.8	7.2	7.5						
32.0	36.9	67.4	6.3	6.6						
34.0	30.7	64.3	5.3	5.5						
36.0	22.8	60.3	4.0	4.1						
Ángulo de pluma principal 83.0 [°]										
18.9	73.0	79.2	15.1	22.7						
20.0	71.0	78.9	15.1	21.8						
22.0	67.4	78.1	15.1	18.0						
24.0	63.6	77.1	14.9	15.0						
26.0	59.8	76.0	14.0	13.0						
28.0	55.7	74.7	11.8	11.2						
30.0	51.5	73.2	10.0	9.8						
32.0	46.9	71.4	8.7	8.7						
34.0	42.0	69.3	7.6	7.6						
36.0	36.6	66.8	6.6	6.7						
38.0	30.2	63.7	5.8	6.0						
40.0	22.3	59.7	5.1	5.2						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	76.1		15.1						
30.0	63.8	75.9	15.1	15.1						
32.0	59.9	74.7	13.3	13.0						
34.0	55.9	73.5	11.4	11.3						
36.0	51.7	71.9	9.7	9.9						
38.0	47.2	70.2	8.5	8.8						
40.0	42.3	68.1	7.4	7.7						
42.0	36.9	65.6	6.5	6.9						
44.0	30.6	62.6	5.9	6.2						
46.0	22.7	58.6	5.2	5.4						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		9.1						
42.0	54.4	70.1	10.1	9.0						
44.0	50.1	68.5	9.1	8.0						
46.0	45.4	66.7	7.9	7.1						
48.0	40.4	64.5	7.0	6.2						
50.0	34.7	61.8	6.2	5.5						
54.0	19.1	53.9	4.9	4.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (1916-1) 68.5 m Plumín 37.0 [m] Posición midfall (1916)										
Ángulo de pluma principal 88.0 [°]										
12.7	78.0	83.3	15.1	22.1						
13.0	77.5	83.3	15.1	22.1						
14.0	75.9	83.0	15.1	21.1						
16.0	72.7	82.4	15.1	17.0						
18.0	69.4	81.7	15.0	14.2						
20.0	66.0	80.9	12.9	12.0						
22.0	62.6	79.9	10.7	10.3						
24.0	59.0	78.7	9.1	9.0						
26.0	55.3	77.4	7.8	7.8						
28.0	51.3	75.9	6.7	6.8						
30.0	47.2	74.1	5.9	6.0						
32.0	42.7	72.1	5.2	5.3						
34.0	37.8	69.7	4.6	4.7						
36.0	32.3	66.8	4.1	4.2						
38.0	25.7	63.1	3.7	3.8						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1	15.1	16.0						
20.0	72.5	82.0	15.1	15.9						
22.0	69.2	81.3	14.6	14.0						
24.0	65.8	80.4	12.8	12.0						
26.0	62.4	79.4	10.6	10.2						
28.0	58.8	78.3	9.1	8.9						
30.0	55.0	76.9	7.8	7.7						
32.0	51.1	75.4	6.8	6.8						
34.0	46.9	73.6	6.0	6.1						
36.0	42.5	71.5	5.2	5.3						
38.0	37.5	69.1	4.6	4.7						
40.0	32.0	66.2	4.1	4.3						
42.0	25.3	62.5	3.7	3.8						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		10.8						
32.0	62.5	78.2	10.8	10.4						
34.0	58.9	77.0	9.1	9.0						
36.0	55.2	75.7	7.8	7.9						
38.0	51.3	74.1	6.8	6.9						
40.0	47.2	72.4	6.1	6.2						
42.0	42.7	70.3	5.3	5.4						
44.0	37.8	67.9	4.7	4.8						
46.0	32.3	65.0	4.2	4.4						
48.0	25.6	61.4	3.8	3.9						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		7.4						
44.0	53.8	72.3	7.3	7.4						
46.0	49.8	70.7	6.6	6.6						
48.0	45.6	68.9	5.8	6.0						
50.0	41.0	66.7	5.1	5.2						
55.0	26.6	59.1	3.9	4.0						
Ángulo de pluma principal 45.0 [°]										
64.8	35.0	54.3		2.4						
65.0	34.6	54.3	3.2	2.3						
69.0	21.7	46.6	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 71.5 m Plumín 37.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.7	78.0	83.4		27.6						
13.0	77.6	83.3	15.1	27.6						
14.0	76.0	83.1	15.1	26.1						
16.0	72.8	82.5	15.1	20.7						
18.0	69.5	81.7	15.1	17.0						
20.0	66.1	80.9	13.6	14.3						
22.0	62.7	79.9	12.1	12.2						
24.0	59.1	78.7	10.5	10.5						
26.0	55.4	77.4	8.9	9.1						
28.0	51.4	75.9	7.6	7.9						
30.0	47.3	74.1	6.6	6.9						
32.0	42.8	72.1	5.7	6.0						
34.0	38.0	69.7	4.9	5.2						
36.0	32.4	66.8	4.2	4.4						
38.0	25.8	63.2	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1		19.3						
20.0	72.6	82.0	15.1	19.2						
22.0	69.3	81.3	15.1	16.7						
24.0	65.9	80.5	14.2	14.1						
26.0	62.5	79.5	12.5	12.1						
28.0	58.9	78.3	10.8	10.4						
30.0	55.1	77.0	9.1	9.0						
32.0	51.2	75.4	7.8	7.9						
34.0	47.0	73.6	6.8	6.9						
36.0	42.6	71.6	5.9	6.1						
38.0	37.6	69.2	5.1	5.3						
40.0	32.1	66.2	4.5	4.7						
42.0	25.4	62.6	3.9	4.0						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		12.7						
32.0	62.6	78.2	13.0	12.2						
34.0	59.0	77.0	10.9	10.5						
36.0	55.3	75.7	9.3	9.1						
38.0	51.4	74.2	7.9	8.0						
40.0	47.3	72.4	6.9	7.0						
42.0	42.8	70.4	6.0	6.2						
44.0	37.9	68.0	5.3	5.4						
46.0	32.4	65.1	4.7	4.8						
48.0	25.8	61.5	4.1	4.2						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		8.1						
44.0	53.9	72.4	8.0	7.8						
46.0	49.9	70.8	7.2	6.9						
48.0	45.7	68.9	6.3	6.1						
50.0	41.1	66.7	5.5	5.4						
55.0	26.7	59.2	4.1	3.8						
57.0	18.2	54.4	3.5	3.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		8.1						
46.0	53.4	74.6	7.8	8.0						
48.0	49.7	73.0	7.1	7.2						
50.0	45.8	71.1	6.4	6.6						
55.0	34.4	65.1	5.0	5.1						
Ángulo de pluma principal 45.0 [°]										
67.5	35.0	56.0	2.4							
68.0	33.7	55.2	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		6.4						
40.0	54.9	67.7		6.4						
42.0	50.1	66.2	5.8	5.8						
44.0	45.0	64.4	4.9	5.0						
46.0	39.4	62.1	4.2	4.2						
48.0	32.9	59.3	3.6	3.7						
50.0	25.0	55.7	3.2	3.2						
Ángulo de pluma principal 45.0 [°]										
60.1	35.0	50.8	2.4							
61.0	32.0	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		12.9						
32.0	64.8	81.6	13.0	12.9						
34.0	61.6	80.5	12.1	12.0						
36.0	58.3	79.3	10.4	10.5						
38.0	54.8	78.0	9.0	9.2						
40.0	51.2	76.4	7.8	8.2						
42.0	47.3	74.7	7.0	7.3						
44.0	43.2	72.6	6.2	6.5						
46.0	38.8	70.3	5.5	5.8						
48.0	33.8	67.5	5.0	5.2						
50.0	28.1	64.2	4.4	4.7						
Ángulo de pluma principal 65.0 [°]										
45.2	55.0	75.1		7.2						
46.0	53.5	74.6	8.2	6.9						
48.0	49.8	73.0	7.4	6.1						
50.0	45.9	71.1	6.6	5.3						
55.0	34.5	65.1	4.7	3.7						
60.0	17.5	54.8	3.1	2.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		5.4						
42.0	54.3	70.1	5.4	5.4						
44.0	50.0	68.5	4.9	4.9						
46.0	45.3	66.6	4.2	4.2						
48.0	40.3	64.4	3.6	3.6						
50.0	34.6	61.7	3.0	3.1						
54.0	18.9	53.8	2.3	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	8.2						
38.0	47.2	78.1	7.1	7.3						
40.0	43.4	76.1	6.3	6.5						
42.0	39.3	73.8	5.6	5.8						
44.0	34.8	71.1	5.0	5.2						
46.0	29.6	67.9	4.0	4.1						
48.0	23.5	63.9	2.9	3.0						
Ángulo de pluma principal 75.0 [°]										
33.2	65.0	84.3		13.0						
34.0	63.8	83.9	13.0	12.9						
36.0	60.7	82.8	11.6	11.6						
38.0	57.6	81.6	10.2	10.4						
40.0	54.4	80.2	8.9	9.2						
42.0	51.0	78.7	7.9	8.3						
44.0	47.4	76.9	7.1	7.5						
46.0	43.6	74.9	6.4	6.7						
48.0	39.5	72.6	5.7	6.0						
50.0	35.0	69.9	5.2	5.5						
55.0	20.1	60.3	3.9	4.1						
Ángulo de pluma principal 65.0 [°]										
46.9	55.0	77.6		6.3						
48.0	53.1	76.9	7.1	5.9						
50.0	49.7	75.2	6.2	5.1						
55.0	40.1	70.1	4.4	3.6						
60.0	27.8	62.6	2.9	2.2						
63.0	18.0	55.3	2.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	24.3						
20.0	71.0	78.9	15.1	24.2						
22.0	67.4	78.1	15.1	20.2						
24.0	63.6	77.1	14.7	16.8						
26.0	59.8	76.0	14.2	14.3						
28.0	55.7	74.7	11.7	12.0						
30.0	51.5	73.2	9.7	10.2						
32.0	46.9	71.4	7.4	7.7						
34.0	42.0	69.3	4.8	4.9						
Ángulo de pluma principal 75.0 [°]										
29.4	65.0	76.1		16.3						
30.0	63.8	75.9	15.1	15.6						
32.0	59.9	74.7	14.8	13.6						
34.0	55.9	73.5	13.4	11.9						
36.0	51.7	71.9	11.2	10.5						
38.0	47.2	70.2	9.6	9.2						
40.0	42.3	68.1	8.1	8.0						
42.0	36.9	65.6	6.9	6.9						
44.0	30.6	62.6	5.4	5.3						
46.0	22.7	58.6	3.2	3.1						
Ángulo de pluma principal 65.0 [°]										
41.7	55.0	70.2		6.1						
42.0	54.4	70.1	7.8	5.9						
44.0	50.1	68.5	6.6	5.0						
46.0	45.4	66.7	5.5	4.1						
48.0	40.4	64.5	4.5	3.3						
50.0	34.7	61.8	3.6	2.5						
53.0	24.9	56.4	2.3							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	3.0						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		5.9						
44.0	53.8	72.3	5.8	5.9						
46.0	49.8	70.7	5.2	5.3						
48.0	45.6	68.9	4.6	4.7						
50.0	41.0	66.7	4.0	4.1						
55.0	26.6	59.1	3.1	3.1						
57.0	18.1	54.3	2.7	2.8						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 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 [°]										
12.7	78.0	83.4		27.7						
13.0	77.6	83.3	15.1	27.7						
14.0	76.0	83.1	15.1	27.7						
16.0	72.8	82.5	15.1	22.7						
18.0	69.5	81.7	15.1	18.7						
20.0	66.1	80.9	14.1	15.7						
22.0	62.7	79.9	12.2	12.9						
24.0	59.1	78.7	10.2	10.4						
26.0	55.4	77.4	6.8	6.9						
28.0	51.4	75.9	4.1	4.2						
30.0	47.3	74.1	2.5	2.7						
Ángulo de pluma principal 83.0 [°]										
19.7	73.0	82.1		20.2						
20.0	72.6	82.0	15.1	20.1						
22.0	69.3	81.3	15.1	18.6						
24.0	65.9	80.5	14.8	15.6						
26.0	62.5	79.5	12.9	13.1						
28.0	58.9	78.3	11.3	11.3						
30.0	55.1	77.0	9.3	9.4						
32.0	51.2	75.4	7.7	8.0						
34.0	47.0	73.6	5.8	6.0						
36.0	42.6	71.6	3.7	3.7						
Ángulo de pluma principal 75.0 [°]										
30.6	65.0	78.8		13.5						
32.0	62.6	78.2	14.3	13.4						
34.0	59.0	77.0	12.1	11.5						
36.0	55.3	75.7	10.2	9.9						
38.0	51.4	74.2	8.5	8.5						
40.0	47.3	72.4	7.3	7.4						
42.0	42.8	70.4	6.2	6.2						
44.0	37.9	68.0	5.2	5.3						
46.0	32.4	65.1	4.3	4.3						
48.0	25.8	61.5	2.8	2.7						
Ángulo de pluma principal 65.0 [°]										
43.4	55.0	72.7		5.2						
44.0	53.9	72.4	6.4	4.9						
46.0	49.9	70.8	5.3	4.0						
48.0	45.7	68.9	4.3	3.2						
50.0	41.1	66.7	3.4	2.5						
53.0	33.7	62.7	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		4.7						
46.0	53.4	74.6	4.5	4.7						
48.0	49.7	73.0	4.0	4.1						
50.0	45.8	71.1	3.5	3.6						
55.0	34.4	65.1	2.5	2.5						
58.0	25.5	59.8	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 86.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.4	78.0	86.3	15.1	25.9						
14.0	77.1	86.2	15.1	25.9						
16.0	74.1	85.6	15.1	22.0						
18.0	71.1	84.9	15.1	18.2						
20.0	68.0	84.2	15.0	15.5						
22.0	64.9	83.3	11.8	12.4						
24.0	61.6	82.2	9.5	10.2						
26.0	58.3	81.0	7.0	7.5						
28.0	54.8	79.7	4.6	4.9						
30.0	51.2	78.1	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
20.6	73.0	85.0		18.3						
22.0	70.9	84.5	15.1	18.1						
24.0	67.8	83.7	15.1	15.3						
26.0	64.7	82.8	13.5	13.1						
28.0	61.5	81.8	11.6	11.3						
30.0	58.1	80.6	9.8	9.7						
32.0	54.6	79.2	8.0	8.2						
34.0	51.0	77.7	6.7	7.0						
36.0	47.1	75.9	4.9	5.1						
38.0	43.0	73.8	3.1	3.2						
Ángulo de pluma principal 75.0 [°]										
31.9	65.0	81.6		12.2						
32.0	64.8	81.6	12.7	12.2						
34.0	61.6	80.5	12.1	11.6						
36.0	58.3	79.3	10.2	10.0						
38.0	54.8	78.0	8.8	8.8						
40.0	51.2	76.4	7.6	7.7						
42.0	47.3	74.7	6.6	6.8						
44.0	43.2	72.6	5.8	5.9						
46.0	38.8	70.3	5.0	5.1						
48.0	33.8	67.5	4.4	4.4						
50.0	28.1	64.2	3.1	3.1						
Ángulo de pluma principal 65.0 [°]										
45.2	55.0	75.1		4.4						
46.0	53.5	74.6	5.2	4.0						
48.0	49.8	73.0	4.2	3.2						
50.0	45.9	71.1	3.3	2.5						
53.0	39.8	67.8	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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 [°]										
46.8	55.0	77.6		3.6						
48.0	53.0	76.8	3.5	3.6						
50.0	49.6	75.2	3.0	3.1						
55.0	40.0	70.1	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 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 [°]										
14.0	78.0	89.2	15.1	26.6						
16.0	75.2	88.7	15.1	25.2						
18.0	72.5	88.1	15.1	21.0						
20.0	69.6	87.4	15.1	17.8						
22.0	66.8	86.6	13.4	14.5						
24.0	63.8	85.6	9.8	10.5						
26.0	60.8	84.5	7.1	7.6						
28.0	57.6	83.3	4.9	5.2						
30.0	54.4	81.9	3.0	3.1						
Ángulo de pluma principal 83.0 [°]										
21.5	73.0	87.8		19.2						
22.0	72.3	87.7	15.1	19.2						
24.0	69.5	87.0	15.1	17.7						
26.0	66.6	86.1	15.0	15.4						
28.0	63.6	85.2	13.2	13.2						
30.0	60.6	84.1	11.9	11.6						
32.0	57.4	82.9	9.6	9.3						
34.0	54.2	81.5	7.3	7.4						
36.0	50.8	79.9	5.6	5.8						
38.0	47.2	78.1	4.1	4.3						
40.0	43.4	76.1	2.7	2.8						
Ángulo de pluma principal 75.0 [°]										
33.2	65.0	84.3		12.4						
34.0	63.8	83.9	13.0	11.7						
36.0	60.7	82.8	12.1	10.3						
38.0	57.6	81.6	10.4	9.1						
40.0	54.4	80.2	9.0	8.0						
42.0	51.0	78.7	7.7	7.1						
44.0	47.4	76.9	6.8	6.1						
46.0	43.6	74.9	5.9	5.3						
48.0	39.5	72.6	5.1	4.5						
50.0	35.0	69.9	4.5	3.8						
Ángulo de pluma principal 65.0 [°]										
46.9	55.0	77.6		3.5						
48.0	53.1	76.9	4.0	3.1						
50.0	49.7	75.2	3.1	2.4						
52.0	46.3	73.4	2.3							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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						
Ángulo de pluma principal 65.0 [°]										
48.5	55.0	80.1		3.1						
50.0	52.7	79.1	3.0	3.1						
55.0	44.3	74.4		2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.6	78.0	92.2		23.1						
16.0	76.2	91.8	15.1	23.1						
18.0	73.6	91.3	15.1	19.4						
20.0	71.0	90.6	14.7	16.5						
22.0	68.4	89.8	14.2	14.4						
24.0	65.6	89.0	11.0	11.0						
26.0	62.8	88.0	7.9	8.1						
28.0	60.0	86.8	5.7	6.0						
30.0	57.0	85.6	3.8	4.0						
Ángulo de pluma principal 83.0 [°]										
22.4	73.0	90.7	15.1	16.5						
24.0	70.9	90.2	15.1	16.5						
26.0	68.2	89.4	14.1	14.2						
28.0	65.5	88.5	12.4	12.4						
30.0	62.7	87.5	10.6	10.8						
32.0	59.8	86.4	9.2	9.5						
34.0	56.9	85.1	7.4	7.7						
36.0	53.8	83.7	5.9	6.3						
38.0	50.6	82.1	4.8	5.1						
40.0	47.3	80.4	3.6	3.8						
42.0	43.7	78.4	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
34.4	65.0	87.0		11.0						
36.0	62.8	86.3	11.1	10.3						
38.0	60.0	85.1	9.9	9.1						
40.0	57.0	83.9	8.6	8.0						
42.0	54.0	82.5	7.4	7.0						
44.0	50.8	80.9	6.4	6.2						
46.0	47.4	79.1	5.6	5.4						
48.0	43.9	77.1	4.9	4.6						
50.0	40.1	74.9	4.2	3.8						
55.0	28.9	67.5	2.5	2.3						
Ángulo de pluma principal 65.0 [°]										
48.6	55.0	80.1		2.8						
50.0	52.8	79.1	3.1	2.4						
52.0	49.8	77.5	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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						
Ángulo de pluma principal 65.0 [°]										
50.3	55.0	82.5		2.6						
54.0	49.4	79.5		2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 95.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.2	78.0	95.1		21.7						
16.0	77.1	94.9	15.1	21.7						
18.0	74.7	94.4	15.1	19.2						
20.0	72.2	93.8	14.8	16.4						
22.0	69.7	93.1	13.8	14.2						
24.0	67.2	92.2	12.0	11.8						
26.0	64.6	91.3	8.7	8.8						
28.0	62.0	90.3	6.1	6.5						
30.0	59.3	89.1	4.3	4.7						
32.0	56.5	87.9	2.9	3.1						
Ángulo de pluma principal 83.0 [°]										
23.3	73.0	93.6	15.1	15.4						
24.0	72.1	93.4	15.1	15.4						
26.0	69.6	92.6	14.5	14.2						
28.0	67.1	91.8	12.4	12.4						
30.0	64.5	90.9	10.6	10.7						
32.0	61.9	89.8	9.1	9.4						
34.0	59.1	88.7	7.7	8.0						
36.0	56.4	87.4	6.1	6.4						
38.0	53.5	86.0	4.8	5.1						
40.0	50.5	84.4	3.8	4.0						
42.0	47.3	82.6	2.9	3.1						
Ángulo de pluma principal 75.0 [°]										
35.7	65.0	89.7		10.1						
36.0	64.6	89.6	10.1	10.1						
38.0	62.0	88.6	9.7	8.8						
40.0	59.3	87.4	8.4	7.8						
42.0	56.5	86.2	7.4	6.8						
44.0	53.6	84.7	6.5	6.0						
46.0	50.6	83.1	5.8	5.2						
48.0	47.5	81.4	5.2	4.5						
50.0	44.2	79.4	4.5	3.7						
55.0	34.8	73.2	3.0	2.2						
Ángulo de pluma principal 65.0 [°]										
50.3	55.0	82.5		2.0						
51.0	54.2	82.1	2.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 98.5 m Plumín 52.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.9	78.0	98.0	15.1	19.7						
16.0	77.9	98.0	15.1	19.7						
18.0	75.6	97.5	15.1	18.6						
20.0	73.3	96.9	15.1	15.9						
22.0	71.0	96.3	13.3	13.6						
24.0	68.6	95.5	11.7	11.9						
26.0	66.2	94.6	9.0	9.1						
28.0	63.8	93.7	6.5	6.7						
30.0	61.3	92.6	4.5	4.8						
32.0	58.7	91.4	3.3	3.5						
Ángulo de pluma principal 83.0 [°]										
24.1	73.0	96.4		14.0						
26.0	70.8	95.8	14.0	13.7						
28.0	68.5	95.1	11.8	11.9						
30.0	66.1	94.2	10.2	10.4						
32.0	63.6	93.2	8.7	9.0						
34.0	61.1	92.2	7.6	8.0						
36.0	58.5	91.0	6.3	6.6						
38.0	55.9	89.7	4.9	5.2						
40.0	53.2	88.2	3.8	4.0						
42.0	50.3	86.6	2.9	3.0						
44.0	47.4	84.8	2.2	2.4						
Ángulo de pluma principal 75.0 [°]										
37.0	65.0	92.4		9.0						
38.0	63.7	92.0	8.4	8.7						
40.0	61.2	90.9	7.9	7.6						
42.0	58.7	89.7	6.9	6.6						
44.0	56.0	88.4	6.1	5.8						
46.0	53.3	87.0	5.4	5.0						
48.0	50.5	85.4	4.7	4.4						
50.0	47.5	83.6	4.2	3.7						
55.0	39.4	78.3	2.8	2.1						
57.0	36.1	75.6	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 101.5 m Plumín 55.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
16.5	78.0	101.0	15.1	17.4						
18.0	76.4	100.6	15.1	17.4						
20.0	74.2	100.1	14.5	14.9						
22.0	72.0	99.4	12.8	12.8						
24.0	69.8	98.7	10.6	10.9						
26.0	67.6	97.9	8.7	9.1						
28.0	65.3	97.0	6.4	6.7						
30.0	63.0	96.0	4.6	4.8						
32.0	60.6	94.9	3.1	3.4						
34.0	58.2	93.7	2.4	2.5						
Ángulo de pluma principal 83.0 [°]										
25.0	73.0	99.3		12.2						
26.0	71.9	99.0	11.7	12.2						
28.0	69.7	98.3	10.7	11.2						
30.0	67.5	97.5	9.1	9.7						
32.0	65.2	96.6	7.8	8.4						
34.0	62.8	95.6	6.8	7.3						
36.0	60.5	94.5	6.0	6.5						
38.0	58.0	93.3	4.8	5.1						
40.0	55.5	91.9	3.7	3.9						
42.0	52.9	90.5	2.7	2.9						
Ángulo de pluma principal 75.0 [°]										
38.2	65.0	95.2		7.6						
40.0	63.0	94.3	7.2	7.3						
42.0	60.6	93.2	6.5	6.4						
44.0	58.1	92.0	5.7	5.5						
46.0	55.6	90.7	5.0	4.8						
48.0	53.0	89.2	4.3	4.1						
50.0	50.4	87.6	3.8	3.5						
55.0	43.4	82.8	2.5							
56.0	41.8	81.7	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 104.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.6	78.0	92.2		22.0						
16.0	76.2	91.8	15.1	22.0						
18.0	73.6	91.3	15.1	18.8						
20.0	71.0	90.6	12.8	14.4						
22.0	68.4	89.8	9.6	10.3						
24.0	65.6	89.0	5.5	5.8						
Ángulo de pluma principal 83.0 [°]										
22.4	73.0	90.7	15.1	15.7						
24.0	70.9	90.2	14.9	15.6						
26.0	68.2	89.4	13.7	13.3						
28.0	65.5	88.5	11.5	11.1						
30.0	62.7	87.5	8.5	8.6						
32.0	59.8	86.4	6.4	6.8						
34.0	56.9	85.1	4.1	4.3						
Ángulo de pluma principal 75.0 [°]										
34.4	65.0	87.0		7.9						
36.0	62.8	86.3	9.6	6.9						
38.0	60.0	85.1	8.1	5.8						
40.0	57.0	83.9	6.8	4.8						
42.0	54.0	82.5	5.6	3.9						
44.0	50.8	80.9	4.6	3.2						
46.0	47.4	79.1	3.5	2.4						
48.0	44.2	77.1	2.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 107.5 m Plumín 49.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.2	78.0	95.1		18.5						
16.0	77.1	94.9	15.1	18.5						
18.0	74.7	94.4	15.1	17.0						
20.0	72.2	93.8	14.7	14.3						
22.0	69.7	93.1	9.6	9.8						
24.0	67.2	92.2	6.3	6.7						
26.0	64.6	91.3	3.4	3.6						
Ángulo de pluma principal 83.0 [°]										
23.3	73.0	93.6	13.3	13.1						
24.0	72.1	93.4	13.2	13.1						
26.0	69.6	92.6	12.3	12.2						
28.0	67.1	91.8	10.1	10.3						
30.0	64.5	90.9	8.1	8.4						
32.0	61.9	89.8	6.3	6.7						
34.0	59.1	88.7	4.9	5.2						
36.0	56.4	87.4	3.2	3.4						
Ángulo de pluma principal 75.0 [°]										
35.7	65.0	89.7		6.9						
36.0	64.6	89.6	7.9	6.7						
38.0	62.0	88.6	7.7	5.6						
40.0	59.3	87.4	6.4	4.6						
42.0	56.5	86.2	5.2	3.7						
44.0	53.6	84.7	4.2	3.0						
46.0	50.6	83.1	3.3	2.3						
48.0	47.7	81.4	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
44.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 110.5 m Plumín 52.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
15.9	78.0	98.0	15.1	18.8						
16.0	77.9	98.0	15.1	18.8						
18.0	75.6	97.5	15.1	18.4						
20.0	73.3	96.9	14.7	14.9						
22.0	71.0	96.3	10.6	10.4						
24.0	68.6	95.5	6.3	6.5						
26.0	66.2	94.6	3.9	4.1						
Ángulo de pluma principal 83.0 [°]										
24.1	73.0	96.4		12.3						
26.0	70.8	95.8	12.4	12.1						
28.0	68.5	95.1	10.4	10.2						
30.0	66.1	94.2	8.7	8.7						
32.0	63.6	93.2	6.6	6.8						
34.0	61.1	92.2	5.1	5.4						
36.0	58.5	91.0	3.8	4.1						
38.0	55.9	89.7	2.5	2.6						
Ángulo de pluma principal 75.0 [°]										
37.0	65.0	92.4		6.0						
38.0	63.7	92.0	7.2	5.4						
40.0	61.2	90.9	6.1	4.4						
42.0	58.7	89.7	4.9	3.6						
44.0	56.0	88.4	3.9	2.8						
46.0	53.3	87.0	3.0	2.1						
48.0	50.7	85.4	2.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		6.9						
48.0	28.7	41.7	6.6	6.4						
49.0	15.1	39.3	5.8	5.7						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		7.4						
50.0	33.4	44.3	7.3	7.4						
52.0	17.2	39.7	6.1							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		22.8						
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		14.8						
34.0	48.7	57.2	13.9	12.8						
36.0	37.7	54.9	10.8	10.2						
Ángulo de pluma principal 45.0 [°]										
49.8	35.0	44.3		5.4						
50.0	33.7	44.3	6.4	5.3						
52.0	17.8	39.9	5.6							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		11.8						
36.0	48.4	59.4	11.2	10.2						
38.0	39.4	57.2	9.0	8.5						
40.0	27.8	54.1	7.5	7.3						
Ángulo de pluma principal 45.0 [°]										
52.2	35.0	46.0		7.1						
55.0	15.6	40.1	6.6							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		22.5						
24.0	64.3	65.4	15.1	22.5						
26.0	57.3	64.2	15.1	17.5						
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		14.9						
36.0	48.6	59.4	14.3	12.9						
38.0	39.6	57.3	11.7	10.6						
40.0	28.1	54.2	9.5	9.0						
Ángulo de pluma principal 45.0 [°]										
52.3	35.0	46.0		4.5						
55.0	16.1	40.2	4.4							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		10.2						
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						
Ángulo de pluma principal 45.0 [°]										
54.7	35.0	47.8		6.3						
55.0	33.5	47.6	6.7	6.2						
57.0	21.4	43.7	5.9	5.6						

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		19.6						
26.0	62.3	67.7	15.1	18.4						
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		13.1						
38.0	48.5	61.7	12.4	11.3						
40.0	40.9	59.6	10.1	9.5						
42.0	31.7	56.8	8.4	8.2						
Ángulo de pluma principal 45.0 [°]										
54.7	35.0	47.7		4.0						
55.0	33.7	47.6	4.6	3.9						
57.0	21.7	43.8	4.0	3.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	9.1						
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						
Ángulo de pluma principal 45.0 [°]										
57.1	35.0	49.5		5.7						
60.0	20.0	44.2	5.0	4.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		17.3						
28.0	60.7	70.0	14.5	15.1						
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		11.5						
38.0	54.5	65.5	10.9	11.5						
40.0	48.5	63.9	9.3	9.9						
42.0	41.8	61.8	7.9	8.4						
44.0	34.1	59.2	6.8	7.3						
46.0	24.2	55.6	5.9	6.3						
Ángulo de pluma principal 45.0 [°]										
57.2	35.0	49.5		3.1						
60.0	20.2	44.3	3.0	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	18.5						
28.0	64.0	73.4	15.1	18.4						
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		13.7						
40.0	53.7	67.7	14.6	13.7						
42.0	48.3	66.1	12.8	12.1						
44.0	42.4	64.1	11.3	10.9						
46.0	35.8	61.5	10.0	9.9						
48.0	27.6	58.2	9.1	9.1						
Ángulo de pluma principal 45.0 [°]										
59.6	35.0	51.2		5.0						
60.0	33.5	50.9	5.6	4.9						
63.0	18.8	44.7	4.9	4.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		20.1						
24.0	64.2	65.3	15.1	20.1						
26.0	57.1	64.1	15.1	16.1						
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		14.4						
36.0	48.4	59.4	14.1	12.7						
38.0	39.4	57.2	11.5	10.5						
40.0	27.8	54.1	9.5	9.0						
Ángulo de pluma principal 45.0 [°]										
52.2	35.0	46.0		5.0						
55.0	15.6	40.1	5.2							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		21.8						
28.0	64.1	73.4	15.1	21.8						
30.0	59.4	72.3	15.1	18.5						
32.0	54.4	71.0	15.1	15.8						
34.0	49.1	69.3	14.9	14.0						
36.0	43.3	67.4	12.9	12.3						
38.0	36.8	64.9	11.3	10.9						
40.0	28.9	61.8	10.0	9.9						
Ángulo de pluma principal 65.0 [°]										
39.5	55.0	68.0		13.2						
40.0	53.8	67.8	14.9	12.9						
42.0	48.5	66.1	13.7	11.7						
44.0	42.6	64.1	12.2	10.7						
46.0	35.9	61.6	10.6	9.7						
48.0	27.8	58.3	9.4	8.8						
Ángulo de pluma principal 45.0 [°]										
59.6	35.0	51.2		2.3						
60.0	33.6	50.9	2.9	2.2						
62.0	26.0	47.3	2.3							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		11.3						
38.0	48.4	61.6	10.5	9.9						
40.0	40.7	59.5	8.6	8.3						
42.0	31.5	56.7	7.2	7.1						
Ángulo de pluma principal 45.0 [°]										
54.7	35.0	47.8		4.3						
55.0	33.5	47.6	5.3	4.2						
57.0	21.4	43.7	4.7	3.6						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		18.3						
30.0	62.7	75.8	15.1	17.6						
32.0	58.4	74.6	15.1	15.2						
34.0	53.8	73.2	13.5	13.1						
36.0	49.0	71.6	12.2	11.6						
38.0	43.8	69.6	10.5	10.2						
40.0	38.0	67.2	9.2	9.1						
42.0	31.3	64.3	8.2	8.3						
44.0	22.8	60.3	7.3	7.4						
Ángulo de pluma principal 65.0 [°]										
41.3	55.0	70.5		12.0						
42.0	53.3	70.0	11.9	11.5						
44.0	48.4	68.4	10.3	10.5						
46.0	43.2	66.4	9.1	9.6						
48.0	37.3	63.9	8.0	8.6						
50.0	30.4	60.9	7.2	7.8						
53.0	15.2	53.8	6.2	6.6						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		20.8						
26.0	62.3	67.7	15.1	20.0						
28.0	56.1	66.4	15.0	15.9						
30.0	49.4	64.9	14.6	13.2						
32.0	41.9	62.8	11.9	11.0						
34.0	32.9	60.1	9.8	9.4						
Ángulo de pluma principal 65.0 [°]										
36.1	55.0	63.1		12.1						
38.0	48.5	61.7	13.5	10.7						
40.0	40.9	59.6	11.0	9.3						
42.0	31.7	56.8	9.1	8.1						
44.0	18.4	52.5	7.6	7.0						

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		10.3						
38.0	54.3	65.5	10.6	10.3						
40.0	48.3	63.8	9.2	9.0						
42.0	41.7	61.8	7.9	7.8						
44.0	33.9	59.1	6.8	6.8						
46.0	24.0	55.5	6.0	6.1						
Ángulo de pluma principal 45.0 [°]										
57.1	35.0	49.5		3.8						
60.0	20.0	44.2	3.9	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 59.5 m Plumín 25.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
10.4	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	27.2						
14.0	69.2	73.5	15.1	24.2						
16.0	64.2	72.6	15.1	18.9						
18.0	58.9	71.4	14.2	15.4						
20.0	53.3	70.0	12.0	12.7						
22.0	47.2	68.3	10.3	10.8						
24.0	40.4	66.1	8.6	9.1						
26.0	32.3	63.4	7.2	7.8						
28.0	21.6	59.4	6.2	6.6						
Ángulo de pluma principal 83.0 [°]										
16.6	73.0	73.6		27.7						
18.0	69.6	73.1	15.1	24.7						
20.0	64.6	72.2	15.1	19.2						
22.0	59.3	71.1	14.7	15.6						
24.0	53.7	69.7	13.2	12.9						
26.0	47.6	68.0	11.6	11.0						
28.0	40.9	65.9	9.5	9.3						
30.0	33.0	63.2	7.9	8.0						
32.0	22.5	59.3	6.7	6.8						
Ángulo de pluma principal 75.0 [°]										
26.3	65.0	70.9		18.2						
28.0	60.7	70.0	15.1	16.3						
30.0	55.2	68.7	14.1	13.6						
32.0	49.2	67.1	12.3	11.5						
34.0	42.7	65.1	10.2	9.7						
36.0	35.1	62.6	8.4	8.4						
38.0	25.6	59.1	7.2	7.2						
Ángulo de pluma principal 65.0 [°]										
37.8	55.0	65.6		10.9						
38.0	54.5	65.5	13.1	10.8						
40.0	48.5	63.9	11.4	9.5						
42.0	41.8	61.8	9.5	8.3						
44.0	34.1	59.2	7.9	7.2						
46.0	24.2	55.6	6.8	6.3						
47.0	17.1	52.9	6.2	5.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		9.3						
40.0	53.7	67.7	9.4	9.3						
42.0	48.3	66.1	8.1	8.0						
44.0	42.4	64.1	6.9	7.0						
46.0	35.8	61.5	6.0	6.1						
48.0	27.6	58.2	5.3	5.4						
Ángulo de pluma principal 45.0 [°]										
59.6	35.0	51.2		3.1						
60.0	33.5	50.9	3.8	3.0						
63.0	18.8	44.7	3.1	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 62.5 m Plumín 28.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.0	78.0	77.5	15.1	30.1						
12.0	75.9	77.3	15.1	29.9						
13.0	73.7	77.0	15.1	26.9						
14.0	71.6	76.7	15.1	23.3						
16.0	67.2	75.9	14.8	18.3						
18.0	62.6	74.9	13.9	14.8						
20.0	57.8	73.7	11.9	12.3						
22.0	52.8	72.3	9.7	10.3						
24.0	47.3	70.5	8.2	8.8						
26.0	41.3	68.4	6.9	7.4						
28.0	34.4	65.8	5.9	6.3						
30.0	25.9	62.3	5.0	5.4						
Ángulo de pluma principal 83.0 [°]										
17.5	73.0	76.5	15.1	23.5						
18.0	71.9	76.3	15.1	23.5						
20.0	67.5	75.5	15.1	18.6						
22.0	62.9	74.6	15.1	15.0						
24.0	58.2	73.4	13.3	12.5						
26.0	53.1	72.0	10.9	10.5						
28.0	47.7	70.3	9.1	8.9						
30.0	41.7	68.2	7.6	7.6						
32.0	34.9	65.6	6.4	6.5						
34.0	26.6	62.2	5.5	5.5						
Ángulo de pluma principal 75.0 [°]										
27.6	65.0	73.6		15.4						
28.0	64.1	73.4	15.1	15.4						
30.0	59.4	72.3	14.0	13.0						
32.0	54.4	71.0	11.7	10.9						
34.0	49.1	69.3	9.7	9.4						
36.0	43.3	67.4	8.1	8.0						
38.0	36.8	64.9	6.8	6.8						
40.0	28.9	61.8	5.9	5.9						
Ángulo de pluma principal 65.0 [°]										
39.5	55.0	68.0		9.9						
40.0	53.8	67.8	9.4	9.6						
42.0	48.5	66.1	8.2	8.4						
44.0	42.6	64.1	7.0	7.4						
46.0	35.9	61.6	5.9	6.4						
48.0	27.8	58.3	5.2	5.5						
50.0	16.1	53.4	4.4	4.7						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		8.4						
42.0	53.2	70.0	8.3	8.3						
44.0	48.3	68.3	7.2	7.2						
46.0	43.0	66.3	6.2	6.3						
48.0	37.1	63.9	5.4	5.5						
50.0	30.3	60.8	4.8	4.9						
Ángulo de pluma principal 45.0 [°]										
62.1	35.0	52.9		2.6						
65.0	24.4	47.9	2.7							
66.0	19.2	45.2	2.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 65.5 m Plumín 31.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
11.6	78.0	80.5		30.1						
12.0	77.3	80.4	15.1	30.1						
13.0	75.3	80.1	15.1	29.9						
14.0	73.4	79.8	15.1	29.4						
16.0	69.5	79.1	15.1	23.3						
18.0	65.5	78.3	15.1	19.2						
20.0	61.3	77.2	15.1	16.2						
22.0	56.9	76.0	13.2	13.9						
24.0	52.3	74.5	11.5	12.0						
26.0	47.4	72.8	9.9	10.4						
28.0	42.0	70.7	8.3	8.7						
30.0	36.0	68.2	6.9	7.3						
32.0	28.8	65.0	5.6	5.9						
Ángulo de pluma principal 83.0 [°]										
18.4	73.0	79.3	15.1	26.1						
20.0	69.8	78.8	15.1	23.7						
22.0	65.8	77.9	15.1	19.4						
24.0	61.6	76.9	15.1	16.4						
26.0	57.2	75.7	13.4	14.0						
28.0	52.7	74.2	11.6	12.2						
30.0	47.8	72.5	10.2	10.7						
32.0	42.4	70.4	8.9	9.4						
34.0	36.4	68.0	7.7	8.3						
36.0	29.4	64.8	6.8	7.3						
38.0	20.0	60.4	5.9	6.4						
Ángulo de pluma principal 75.0 [°]										
28.9	65.0	76.3		17.5						
30.0	62.7	75.8	15.1	17.1						
32.0	58.4	74.6	14.2	14.6						
34.0	53.8	73.2	12.2	12.6						
36.0	49.0	71.6	10.7	11.1						
38.0	43.8	69.6	9.3	9.8						
40.0	38.0	67.2	8.1	8.7						
42.0	31.3	64.3	7.2	7.8						
44.0	22.8	60.3	6.4	6.9						
Ángulo de pluma principal 65.0 [°]										
41.3	55.0	70.5		8.8						
42.0	53.3	70.0	10.3	8.4						
44.0	48.4	68.4	9.2	7.4						
46.0	43.2	66.4	8.2	6.5						
48.0	37.3	63.9	7.2	5.7						
50.0	30.4	60.9	6.4	4.9						
53.0	15.2	53.8	5.2	3.9						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		7.5						
44.0	52.7	72.2	7.4	7.4						
46.0	48.3	70.6	6.3	6.4						
48.0	43.5	68.6	5.6	5.7						
50.0	38.3	66.2	4.9	5.0						
55.0	20.3	57.2	3.6	3.7						
Ángulo de pluma principal 45.0 [°]										
64.7	35.0	54.7	2.6							
65.0	34.1	54.2	2.5							
67.0	27.3	50.7	2.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 68.5 m Plumín 34.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
12.2	78.0	83.4		30.1						
13.0	76.7	83.2	15.1	30.1						
14.0	74.9	83.0	15.1	27.7						
16.0	71.4	82.3	15.1	22.1						
18.0	67.8	81.5	14.8	18.3						
20.0	64.0	80.6	13.9	15.3						
22.0	60.2	79.5	12.9	13.2						
24.0	56.2	78.2	10.9	11.4						
26.0	52.0	76.7	9.3	9.9						
28.0	47.5	75.0	8.1	8.7						
30.0	42.6	73.0	7.0	7.5						
32.0	37.2	70.5	6.0	6.5						
34.0	31.0	67.5	5.1	5.4						
36.0	23.3	63.6	3.9	4.1						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	82.2		22.6						
20.0	71.6	82.0	15.1	22.5						
22.0	68.0	81.2	15.1	18.4						
24.0	64.3	80.3	14.9	15.4						
26.0	60.5	79.2	14.4	13.4						
28.0	56.5	77.9	12.1	11.5						
30.0	52.3	76.5	10.3	10.0						
32.0	47.8	74.7	8.9	8.9						
34.0	43.0	72.7	7.8	7.8						
36.0	37.6	70.3	6.7	6.9						
38.0	31.5	67.3	5.9	6.1						
40.0	23.9	63.5	5.2	5.3						
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	79.0		15.0						
32.0	61.5	78.1	13.7	13.9						
34.0	57.5	76.9	11.6	12.0						
36.0	53.4	75.5	9.9	10.4						
38.0	49.0	73.8	8.6	9.2						
40.0	44.2	71.9	7.6	8.1						
42.0	39.0	69.6	6.7	7.2						
44.0	33.1	66.8	6.0	6.4						
46.0	26.1	63.2	5.3	5.7						
Ángulo de pluma principal 65.0 [°]										
43.0	55.0	72.9		8.0						
44.0	52.8	72.3	9.2	7.5						
46.0	48.4	70.6	8.2	6.6						
48.0	43.6	68.6	7.2	5.8						
50.0	38.4	66.3	6.4	5.0						
55.0	20.5	57.3	4.5	3.4						
56.0	16.2	54.2	4.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		7.4						
46.0	52.4	74.5	7.2	7.2						
48.0	48.3	72.8	6.3	6.4						
50.0	43.9	70.8	5.6	5.7						
55.0	30.8	64.2	4.2	4.3						
59.0	15.3	54.5	3.4							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
12.9	78.0	86.4	15.1	27.3						
13.0	77.8	86.3	15.1	27.3						
14.0	76.2	86.1	15.1	26.2						
16.0	72.9	85.5	15.1	20.9						
18.0	69.7	84.8	15.1	17.1						
20.0	66.3	83.9	13.9	14.4						
22.0	62.8	83.0	12.5	12.2						
24.0	59.3	81.8	11.1	10.6						
26.0	55.6	80.5	9.3	9.1						
28.0	51.7	79.0	7.9	8.0						
30.0	47.5	77.2	6.8	7.0						
32.0	43.1	75.2	5.9	6.1						
34.0	38.2	72.8	5.0	5.3						
36.0	32.7	70.0	4.3	4.5						
38.0	26.2	66.4	3.2	3.3						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	85.1		19.1						
22.0	69.9	84.4	15.1	17.3						
24.0	66.5	83.6	14.6	14.6						
26.0	63.1	82.6	12.8	12.4						
28.0	59.5	81.5	11.2	10.7						
30.0	55.8	80.2	9.4	9.2						
32.0	51.9	78.7	8.0	8.1						
34.0	47.8	77.0	7.0	7.1						
36.0	43.4	75.0	6.1	6.2						
38.0	38.6	72.6	5.3	5.4						
40.0	33.2	69.8	4.6	4.8						
42.0	26.7	66.3	4.0	4.2						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	81.7		12.6						
32.0	64.0	81.5	13.4	12.6						
34.0	60.5	80.4	11.6	11.1						
36.0	56.8	79.1	9.9	9.7						
38.0	52.9	77.7	8.4	8.4						
40.0	48.9	76.0	7.3	7.4						
42.0	44.6	74.1	6.4	6.5						
44.0	39.9	71.9	5.6	5.7						
46.0	34.6	69.2	4.9	5.0						
48.0	28.5	65.9	4.3	4.5						
50.0	20.7	61.5	3.8	3.9						
Ángulo de pluma principal 65.0 [°]										
44.7	55.0	75.4		7.0						
46.0	52.5	74.5	7.8	6.4						
48.0	48.4	72.8	6.8	5.6						
50.0	44.0	70.9	6.0	4.9						
55.0	31.0	64.2	4.2	3.3						
59.0	15.5	54.6	3.0							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		11.5						
34.0	62.8	83.8	11.7	11.2						
36.0	59.5	82.7	10.0	9.8						
38.0	56.1	81.4	8.8	8.8						
40.0	52.5	79.9	7.7	7.8						
42.0	48.8	78.2	6.9	7.1						
44.0	44.8	76.3	6.2	6.3						
46.0	40.4	74.1	5.6	5.7						
48.0	35.7	71.5	5.0	5.2						
50.0	30.3	68.4	4.6	4.8						
Ángulo de pluma principal 65.0 [°]										
46.4	55.0	77.9		8.0						
48.0	52.1	76.7	7.6	7.8						
50.0	48.3	75.0	6.8	7.0						
55.0	37.6	69.6	5.3	5.4						
60.0	22.9	60.9	4.2	4.4						
61.0	18.6	58.3	4.0	4.2						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		6.4						
42.0	53.2	70.0	6.3	6.3						
44.0	48.3	68.3	5.4	5.4						
46.0	43.0	66.3	4.7	4.7						
48.0	37.1	63.9	4.0	4.0						
50.0	30.3	60.8	3.5	3.5						
53.0	15.0	53.7	2.8	2.8						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
13.5	78.0	89.3	15.1	27.1						
14.0	77.2	89.2	15.1	27.1						
16.0	74.3	88.6	15.1	23.0						
18.0	71.3	88.0	15.1	19.0						
20.0	68.2	87.2	14.9	16.2						
22.0	65.0	86.3	13.5	13.8						
24.0	61.8	85.3	12.4	12.0						
26.0	58.5	84.1	10.9	10.5						
28.0	55.0	82.8	9.3	9.2						
30.0	51.4	81.2	8.1	8.2						
32.0	47.6	79.5	6.9	7.0						
34.0	43.5	77.5	5.7	5.7						
36.0	39.1	75.1	4.5	4.6						
38.0	34.1	72.4	3.6	3.7						
40.0	28.5	69.1	2.7	2.7						
Ángulo de pluma principal 83.0 [°]										
21.0	73.0	87.9		19.2						
22.0	71.5	87.6	15.1	19.2						
24.0	68.4	86.9	15.1	16.2						
26.0	65.3	86.0	14.0	13.9						
28.0	62.1	85.0	12.5	12.1						
30.0	58.7	83.8	11.0	10.7						
32.0	55.3	82.5	9.4	9.3						
34.0	51.7	80.9	8.2	8.3						
36.0	47.9	79.2	7.2	7.4						
38.0	43.8	77.2	6.4	6.5						
40.0	39.4	74.9	5.6	5.8						
42.0	34.5	72.2	5.0	5.1						
44.0	28.9	68.9	4.1	4.2						
46.0	21.9	64.7	3.2	3.2						
Ángulo de pluma principal 75.0 [°]										
32.7	65.0	84.5		12.8						
34.0	62.9	83.8	12.3	12.6						
36.0	59.6	82.7	10.5	11.0						
38.0	56.2	81.4	9.2	9.7						
40.0	52.6	79.9	8.0	8.6						
42.0	48.8	78.3	7.1	7.7						
44.0	44.9	76.4	6.3	6.8						
46.0	40.5	74.1	5.6	6.1						
48.0	35.8	71.6	5.1	5.4						
50.0	30.4	68.4	4.6	4.9						
Ángulo de pluma principal 65.0 [°]										
46.4	55.0	77.9		6.2						
48.0	52.2	76.8	6.7	5.5						
50.0	48.4	75.1	5.9	4.8						
55.0	37.7	69.6	4.1	3.3						
60.0	23.9	61.0	2.6							
61.0	19.9	58.4	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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		5.5						
44.0	52.7	72.2	5.4	5.4						
46.0	48.3	70.6	4.6	4.6						
48.0	43.5	68.6	3.9	4.0						
50.0	38.3	66.2	3.4	3.4						
55.0	20.3	57.2	2.3	2.4						
56.0	16.0	54.1	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
14.1	78.0	92.2	15.1	26.9						
16.0	75.4	91.8	15.1	24.6						
18.0	72.6	91.2	15.1	20.6						
20.0	69.8	90.4	15.1	17.4						
22.0	66.9	89.6	14.0	15.1						
24.0	64.0	88.7	12.4	13.1						
26.0	60.9	87.6	11.2	11.7						
28.0	57.8	86.4	9.6	10.1						
30.0	54.6	85.0	8.2	8.8						
32.0	51.2	83.5	7.1	7.7						
34.0	47.6	81.7	6.0	6.4						
36.0	43.8	79.7	4.8	5.1						
38.0	39.8	77.4	3.6	3.9						
40.0	35.3	74.8	2.7	2.8						
Ángulo de pluma principal 83.0 [°]										
21.9	73.0	90.8	15.1	19.2						
22.0	72.8	90.8	15.1	19.2						
24.0	70.0	90.1	15.1	17.6						
26.0	67.1	89.3	15.0	15.3						
28.0	64.2	88.3	13.3	13.3						
30.0	61.1	87.3	12.1	11.8						
32.0	58.0	86.1	10.6	10.4						
34.0	54.8	84.7	9.2	9.2						
36.0	51.4	83.2	8.1	8.3						
38.0	47.9	81.4	7.2	7.4						
40.0	44.1	79.5	6.4	6.6						
42.0	40.1	77.2	5.7	5.9						
44.0	35.6	74.6	5.0	5.2						
46.0	30.6	71.5	4.1	4.2						
48.0	24.7	67.6	3.1	3.1						
Ángulo de pluma principal 75.0 [°]										
33.9	65.0	87.2		12.9						
34.0	64.9	87.2	13.4	12.9						
36.0	61.9	86.2	12.7	12.2						
38.0	58.8	85.0	11.0	10.8						
40.0	55.6	83.7	9.6	9.6						
42.0	52.3	82.2	8.4	8.6						
44.0	48.8	80.5	7.6	7.8						
46.0	45.1	78.6	6.8	7.0						
48.0	41.1	76.4	6.1	6.3						
50.0	36.8	73.9	5.5	5.7						
55.0	23.0	65.1	4.2	4.3						
Ángulo de pluma principal 65.0 [°]										
48.1	55.0	80.3		5.3						
50.0	51.9	79.0	5.5	4.6						
55.0	42.7	74.3	3.8	3.1						
60.0	31.9	67.6	2.3							
61.0	29.2	65.8	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
12.2	78.0	83.4		30.1						
13.0	76.7	83.2	15.1	30.1						
14.0	74.9	83.0	15.1	29.7						
16.0	71.4	82.3	15.1	24.8						
18.0	67.8	81.5	15.1	20.9						
20.0	64.0	80.6	14.1	16.6						
22.0	60.2	79.5	13.4	13.6						
24.0	56.2	78.2	9.0	9.1						
26.0	52.0	76.7	5.4	5.6						
28.0	47.5	75.0	3.3	3.5						
Ángulo de pluma principal 83.0 [°]										
19.2	73.0	82.2		24.2						
20.0	71.6	82.0	15.1	24.1						
22.0	68.0	81.2	15.1	20.8						
24.0	64.3	80.3	14.8	17.3						
26.0	60.5	79.2	14.3	14.7						
28.0	56.5	77.9	12.0	12.3						
30.0	52.3	76.5	10.0	10.4						
32.0	47.8	74.7	7.9	8.2						
34.0	43.0	72.7	5.2	5.3						
Ángulo de pluma principal 75.0 [°]										
30.1	65.0	79.0		15.0						
32.0	61.5	78.1	15.1	13.2						
34.0	57.5	76.9	14.0	11.6						
36.0	53.4	75.5	12.0	10.1						
38.0	49.0	73.8	10.1	8.8						
40.0	44.2	71.9	8.6	7.7						
42.0	39.0	69.6	7.3	6.6						
44.0	33.1	66.8	6.2	5.6						
46.0	26.1	63.2	4.2	4.1						
Ángulo de pluma principal 65.0 [°]										
43.0	55.0	72.9		5.0						
44.0	52.8	72.3	6.0	4.5						
46.0	48.4	70.6	4.9	3.7						
48.0	43.6	68.6	3.9	2.9						
50.0	38.4	66.3	3.0	2.2						
52.0	33.0	63.4	2.1							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	4.5						
44.0	39.8	71.8	3.9	3.9						
46.0	34.5	69.1	3.4	3.5						
48.0	28.4	65.8	3.1	3.1						
50.0	20.6	61.4	2.7	2.8						
Ángulo de pluma principal 65.0 [°]										
44.7	55.0	75.4		5.9						
46.0	52.4	74.5	5.7	5.8						
48.0	48.3	72.8	5.0	5.1						
50.0	43.9	70.8	4.4	4.5						
55.0	30.8	64.2	3.3	3.4						
59.0	15.3	54.5	2.6							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
12.9	78.0	86.4	15.1	27.5						
13.0	77.8	86.3	15.1	27.5						
14.0	76.2	86.1	15.1	27.5						
16.0	72.9	85.5	15.1	22.8						
18.0	69.7	84.8	15.1	18.8						
20.0	66.3	83.9	14.1	15.7						
22.0	62.8	83.0	12.0	12.8						
24.0	59.3	81.8	10.0	10.2						
26.0	55.6	80.5	6.7	6.8						
28.0	51.7	79.0	4.0	4.1						
30.0	47.5	77.2	2.5	2.6						
Ángulo de pluma principal 83.0 [°]										
20.1	73.0	85.1	20.1							
22.0	69.9	84.4	15.1	19.1						
24.0	66.5	83.6	15.1	16.1						
26.0	63.1	82.6	12.9	13.5						
28.0	59.5	81.5	11.2	11.6						
30.0	55.8	80.2	9.2	9.7						
32.0	51.9	78.7	7.7	8.2						
34.0	47.8	77.0	6.1	6.4						
36.0	43.4	75.0	3.9	4.1						
Ángulo de pluma principal 75.0 [°]										
31.4	65.0	81.7	13.4							
32.0	64.0	81.5	14.2	13.1						
34.0	60.5	80.4	13.0	11.5						
36.0	56.8	79.1	10.9	10.1						
38.0	52.9	77.7	9.1	8.9						
40.0	48.9	76.0	7.7	7.7						
42.0	44.6	74.1	6.6	6.7						
44.0	39.9	71.9	5.5	5.6						
46.0	34.6	69.2	4.7	4.8						
48.0	28.5	65.9	3.4	3.3						
Ángulo de pluma principal 65.0 [°]										
44.7	55.0	75.4	4.1							
46.0	52.5	74.5	4.7	3.6						
48.0	48.4	72.8	3.7	2.8						
50.0	44.0	70.9	2.8	2.1						
51.0	42.1	69.8	2.4							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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	2.2						
Ángulo de pluma principal 65.0 [°]										
46.4	55.0	77.9		4.7						
48.0	52.1	76.7	4.4	4.5						
50.0	48.3	75.0	3.8	3.9						
55.0	37.6	69.6	2.7	2.8						
60.0	22.9	60.4		2.0						

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 86.5 m Plumín 40.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
13.5	78.0	89.3	15.1	25.6						
14.0	77.2	89.2	15.1	25.6						
16.0	74.3	88.6	15.1	22.1						
18.0	71.3	88.0	15.1	18.3						
20.0	68.2	87.2	15.1	15.6						
22.0	65.0	86.3	11.8	12.3						
24.0	61.8	85.3	9.1	9.9						
26.0	58.5	84.1	6.7	7.3						
28.0	55.0	82.8	4.4	4.7						
Ángulo de pluma principal 83.0 [°]										
21.0	73.0	87.9		18.2						
22.0	71.5	87.6	15.1	18.1						
24.0	68.4	86.9	15.1	15.7						
26.0	65.3	86.0	13.9	13.4						
28.0	62.1	85.0	11.8	11.5						
30.0	58.7	83.8	10.0	9.9						
32.0	55.3	82.5	8.1	8.2						
34.0	51.7	80.9	6.5	6.9						
36.0	47.9	79.2	4.9	5.2						
38.0	43.8	77.2	3.2	3.3						
Ángulo de pluma principal 75.0 [°]										
32.7	65.0	84.5		12.1						
34.0	62.9	83.8	12.6	11.5						
36.0	59.6	82.7	10.8	10.1						
38.0	56.2	81.4	9.3	8.8						
40.0	52.6	79.9	8.0	7.8						
42.0	48.8	78.3	7.0	6.8						
44.0	44.9	76.4	6.1	5.8						
46.0	40.5	74.1	5.3	5.0						
48.0	35.8	71.6	4.6	4.2						
50.0	30.4	68.4	3.6	3.5						
Ángulo de pluma principal 65.0 [°]										
46.4	55.0	77.9		3.4						
48.0	52.2	76.8	3.6	2.8						
50.0	48.4	75.1	2.7	2.1						
51.0	46.7	74.1	2.3							

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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						
Ángulo de pluma principal 65.0 [°]										
48.1	55.0	80.3		3.6						
50.0	51.8	79.0	3.3	3.4						
55.0	42.6	74.3	2.3	2.3						
56.0	40.5	73.1	2.1	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]: 94.0
 Lastre central [t]: 52.6

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 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 [°]										
14.1	78.0	92.2	15.1	26.4						
16.0	75.4	91.8	15.1	25.2						
18.0	72.6	91.2	15.1	21.2						
20.0	69.8	90.4	15.1	17.9						
22.0	66.9	89.6	13.6	14.6						
24.0	64.0	88.7	9.7	10.4						
26.0	60.9	87.6	6.9	7.4						
28.0	57.8	86.4	4.7	5.0						
30.0	54.6	85.0	2.8	3.0						
Ángulo de pluma principal 83.0 [°]										
21.9	73.0	90.8	15.1	19.1						
22.0	72.8	90.8	15.1	19.1						
24.0	70.0	90.1	15.1	18.1						
26.0	67.1	89.3	15.0	15.6						
28.0	64.2	88.3	13.5	13.4						
30.0	61.1	87.3	12.0	11.7						
32.0	58.0	86.1	9.9	9.7						
34.0	54.8	84.7	7.6	7.6						
36.0	51.4	83.2	5.7	5.9						
38.0	47.9	81.4	4.2	4.4						
40.0	44.1	79.5	2.9	3.0						
Ángulo de pluma principal 75.0 [°]										
33.9	65.0	87.2		11.3						
34.0	64.9	87.2	12.5	11.3						
36.0	61.9	86.2	12.3	9.9						
38.0	58.8	85.0	10.6	8.7						
40.0	55.6	83.7	9.2	7.6						
42.0	52.3	82.2	7.9	6.7						
44.0	48.8	80.5	7.0	5.8						
46.0	45.1	78.6	6.1	4.9						
48.0	41.1	76.4	5.3	4.2						
50.0	36.8	73.9	4.6	3.4						
Ángulo de pluma principal 65.0 [°]										
48.1	55.0	80.3		2.5						
50.0	52.1	79.0	2.5							
51.0	50.4	78.2	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]: 94.0
 Lastre central [t]: 52.6

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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						
Ángulo de pluma principal 65.0 [°]										
49.8	55.0	82.8		3.1						
50.0	54.7	82.7	3.0	3.1						
55.0	46.6	78.6	2.2	2.3						
56.0	44.8	77.6	2.0	2.1						

Cargas pluma principal + plumín abatible + midfall

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

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
47.0 m Pluma principal, Punto de carga 3 - Midfall Cabeza de plumín (2316-1) 92.5 m Plumín 46.0 [m] Posición midfall (2316)										
Ángulo de pluma principal 88.0 [°]										
14.7	78.0	95.2		22.9						
16.0	76.4	94.9	15.1	22.9						
18.0	73.8	94.3	15.1	19.4						
20.0	71.2	93.6	14.8	16.6						
22.0	68.5	92.9	14.4	14.5						
24.0	65.8	92.0	11.1	11.0						
26.0	63.0	91.0	7.8	7.8						
28.0	60.1	89.9	5.4	5.6						
30.0	57.2	88.7	3.6	3.7						
Ángulo de pluma principal 83.0 [°]										
22.7	73.0	93.7		16.4						
24.0	71.3	93.3	15.1	16.4						
26.0	68.7	92.5	14.2	14.6						
28.0	66.0	91.7	12.4	12.7						
30.0	63.2	90.7	10.5	10.9						
32.0	60.3	89.6	9.1	9.7						
34.0	57.4	88.3	7.4	7.9						
36.0	54.4	87.0	5.9	6.3						
38.0	51.2	85.4	4.7	5.1						
40.0	47.9	83.7	3.7	3.9						
42.0	44.4	81.7	2.6	2.8						
Ángulo de pluma principal 75.0 [°]										
35.2	65.0	89.9		10.4						
36.0	63.9	89.6	11.1	9.8						
38.0	61.1	88.5	10.4	8.6						
40.0	58.2	87.3	9.0	7.6						
42.0	55.2	85.9	7.8	6.6						
44.0	52.0	84.4	6.8	5.8						
46.0	48.8	82.7	5.9	5.0						
48.0	45.3	80.8	5.2	4.2						
50.0	41.6	78.7	4.4	3.5						
55.0	31.4	71.8	2.7							
Ángulo de pluma principal 65.0 [°]										
50.0	55.0	82.8	2.4							
51.0	53.4	82.0	2.0							

Cargas pluma principal + plumín abatible + midfall

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

Inserción			1	2	3	4	5	6	7	8
Alcan- ce [m]	Ángu- o de plumín [°]	Altura de rolda- nas [m]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]	Carga [t]
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						
Ángulo de pluma principal 65.0 [°]										
51.5	55.0	85.2		2.6						
55.0	49.8	82.5		2.1						