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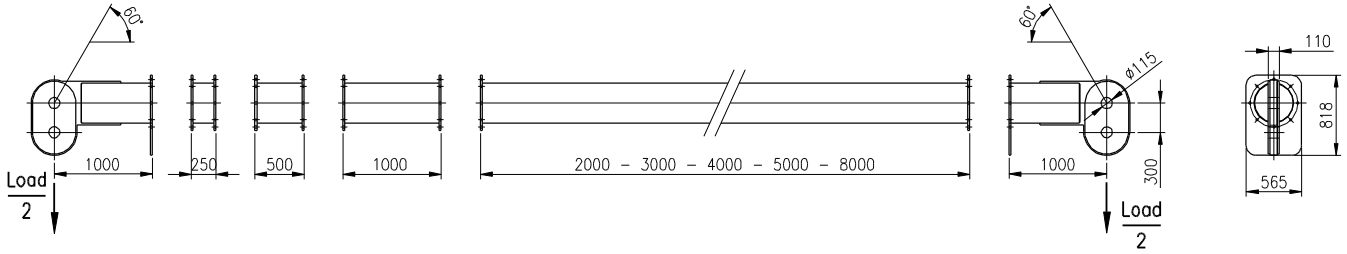
Spreader S406

MAX 303.1t



Length [m]	Weight [kg]	WLL[3] [t]
2.00	1030	303.1
2.25	1135	303.1
2.50	1159	303.1
2.75	1264	303.1
3.00	1208	303.1
3.25	1313	303.1
3.50	1337	303.1
3.75	1442	303.1
4.00	1306	303.1
4.25	1411	303.1
4.50	1435	303.1
4.75	1540	303.1
5.00	1484	303.1
5.25	1589	303.1
5.50	1613	303.1
5.75	1718	303.1
6.00	1502	303.1
6.25	1607	303.1
6.50	1631	303.1
6.75	1736	303.1
7.00	1680	303.1
7.25	1785	303.1
7.50	1809	303.1
7.75	1914	303.1
8.00	1778	303.1
8.25	1883	299.5
8.50	1907	296.3
8.75	2012	291.2
9.00	1956	289.6
9.25	2061	284.1

Length [m]	Weight [kg]	WLL[3] [t]
9.50	2085	280.0
9.75	2190	274.0
10.00	1894	279.0
10.25	1999	273.0
10.50	2023	269.0
10.75	2128	262.0
11.00	2072	260.0
11.25	2177	253.0
11.50	2201	249.0
11.75	2306	241.0
12.00	2170	242.0
12.25	2275	235.0
12.50	2299	230.0
12.75	2404	222.0
13.00	2348	220.0
13.25	2453	212.0
13.50	2477	207.0
13.75	2582	199.0
14.00	2366	202.0
14.25	2471	195.0
14.50	2495	190.0
14.75	2600	182.0
15.00	2544	180.0
15.25	2649	172.0
15.50	2673	168.0
15.75	2778	160.0
16.00	2642	161.0
16.25	2747	154.0
16.50	2771	150.0
16.75	2876	142.0

Length [m]	Weight [kg]	WLL[3] [t]
17.00	2820	141.0
17.25	2925	134.0
17.50	2949	130.0
17.75	3054	123.0
18.00	2758	131.0
18.25	2863	124.0
18.50	2887	120.0
18.75	2992	114.0
19.00	2936	114.0
19.25	3041	108.0
19.50	3065	104.0
19.75	3170	98.0
20.00	3034	101.0

Length [m]	Weight [kg]
Head	515
0.25	105
0.50	129
1.00	178
2.00	276
3.00	374
4.00	472
5.00	570
8.00	864

With angle of 60°	
Used shackle [t]	Max allowed capacity spreader [t]
Max 175	303
150	260
120	207
Min 85	147

Remark:
1. When loaded asymmetrically, the spreader head can lift max 151.5T vertical on one side.
2. A larger load can be lifted when the angle of the sling is more than 60°. Contact Sarens NV for a detailed calculation.
3. WLL calculated for sling angle of 60°.

MATERIAL : S355 JO (Fe 510-C)
TYPE : SYSTEM 406 (Ø406mm)
THICKNESS : 10 mm

CONDITIONS FOR ASSEMBLING:
-8 bolts M20 (min 8.8, min length 75mm);
-the bolts must be tightened in a star shaped pattern;
-tightening till contact, then a further 1/4 turn.

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