

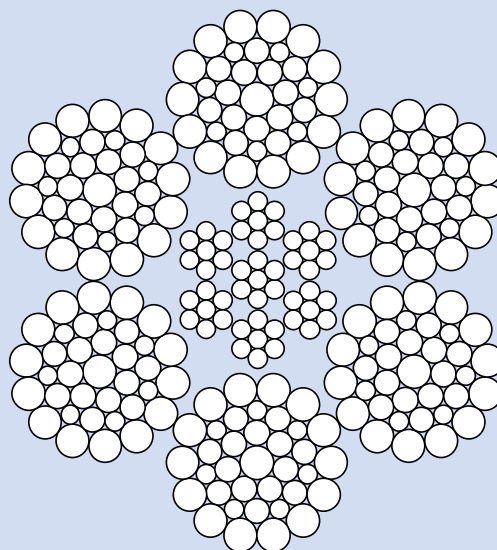
Technical data

Average fill factor	0,586
Core	Steel core
Lay direction	Right hand
Compacting	not compacted
Finish	choice of bright or galvanised
Rope diameter tolerance	+0/+5%
Standard	According to EN 12385-4

Diameter range	Number of load-bearing wires in the external strands	RCN according to ISO 4309
from 8 – 100	216	09
from 1/2 – 1 1/8	216	09



WARNING: Never use with a swivel – failure to comply may result in serious damages and injuries



Sample schematic of rope construction used for representative purposes only. Actual construction dependent upon rope diameter.

Nominal rope Ø	Nominal rope Ø	Weight	Minimum breaking force	Minimum breaking force	Minimum breaking force
mm	inch	approx.	F _{min} 1770	F _{min} 1960	F _{min} 2160
		kg/100 m	kN	kN	kN
8	—	26,2	40,3	44,7	49,2
9	—	33,1	51	56,5	62,3
10	—	40,9	63	69,8	76,9
11	—	49,5	76,2	84,4	93
12	—	58,9	90,7	100	111
12,7	1/2	67	—	113	124
13	—	69,1	106	118	130
14	—	80,2	124	137	151
14,3	9/16	85	—	142	157
15	—	92	142	157	173
16	5/8	105	161	179	197
17	—	118	182	202	222
18	—	133	204	226	249
19	—	148	227	252	278
20	—	164	252	279	308
22	—	198	305	338	372
22,2	7/8	202	—	345	380
24	—	236	363	402	443
25,4	1	262	—	450	496
26	—	276	426	472	520
28	—	321	494	547	603
28,6	1 1/8	340	—	570	628
30	—	368	567	628	692
32	—	419	645	715	787

Other rope diameters and constructions on enquiry.

Please refer to our operating manual stranded ropes! Available at www.pfeifer.info/manual-strand-ropes

Nominal rope Ø	Nominal rope Ø	Weight	Minimum breaking force	Minimum breaking force	Minimum breaking force
	inch	approx.	F _{min}	F _{min}	F _{min}
mm		kg/100 m	1770	1960	2160
			kN	kN	kN
34	—	473	728	806	888
36	—	530	817	904	997
38	—	591	910	1010	1110
40	—	654	1010	1120	1230
42	—	721	1110	1120	1230
44	—	792	1220	1350	1490
46	—	865	1130	1480	—
48	—	942	1450	1610	1770
50	—	—	1580	—	—
52	—	1110	1700	1890	2080
56	—	1280	—	2190	2410
58	—	1355	1980	2350	—
60	—	1470	2270	2510	2770
64	—	1700	—	2800	—
68	—	1900	—	3100	—
72	—	2200	—	3500	—
76	—	2400	—	3800	—
80	—	2700	—	4200	—
84	—	2900	—	4500	—
88	—	3200	—	4900	—
92	—	3500	—	5300	—
96	—	3800	—	5700	—
100	—	4200	—	6200	—

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