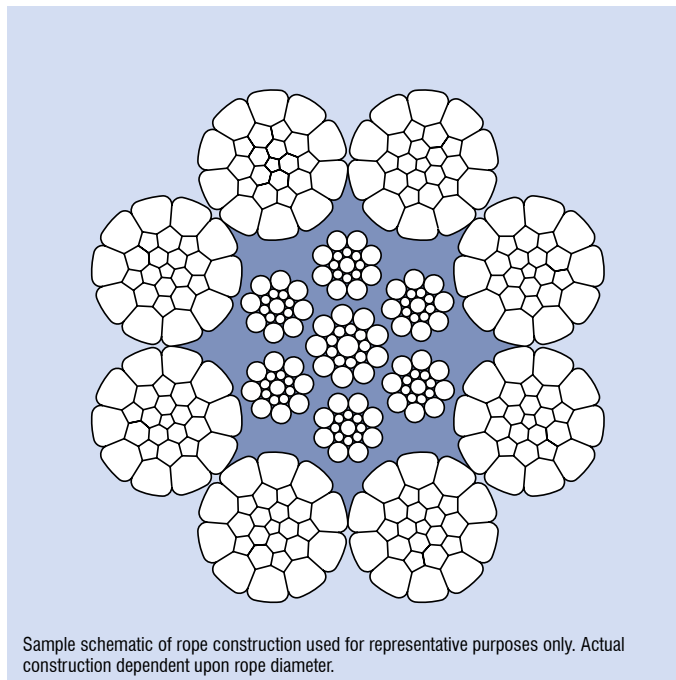


Technical data

Average fill factor	0,675
average spinning loss factor 1770 N/mm ²	0,85
average spinning loss factor 1960 N/mm ²	0,85
average spinning loss factor 2160 N/mm ²	0,84
Core	plastic coated steel core – therefore increased structural strength
Lay type	choice of regular/ordinary lay or lang's lay
Lay direction	choice of right hand or left hand
Compacting	strands compacted – thereby extra wear resistant
Finish	choice of bright or galvanised
Rope diameter tolerance	0 / +4,5%
Standard	According to EN 12385-4



Diameter range	Number of load-bearing wires in the external strands	RCN according to ISO 4309
from 4 – 14	152	04
from 15 – 43	208	09
from 44 – 65	288	13
from 66 – 100	328	13

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

Nominal rope Ø mm	Weight approx. kg/100 m	Minimum breaking force F _{min} 1770	Minimum breaking force F _{min} 1960	Minimum breaking force F _{min} 2160
		kN	kN	kN
4	8	12,8	14,1	15,4
5	12	19,9	22,1	24
6	17	28,7	31,8	34,6
7	23	39,1	43,3	47,1
8	30	51	56,5	61,6
9	38	64,6	71,5	77,9
10	47	79,8	88,4	96,6
11	57	96,9	107	117
12	68	115	128	139
13	80	135	150	163
14	92	156	173	188
15	106	179	199	217
16	121	204	226	246
17	136	230	255	278
18	153	258	286	312
19	170	288	319	347
20	189	319	354	385
21	208	352	389	424
22	228	386	428	465
23	250	422	468	509
24	272	459	509	554
25	295	498	552	601

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 mm	Weight approx. kg/100 m	Minimum breaking force F _{min}	Minimum breaking force F _{min}	Minimum breaking force F _{min}
		1770 kN	1960 kN	2160 kN
26	319	539	597	650
27	344	581	643	701
28	370	626	693	754
29	397	671	743	809
30	425	718	795	866
31	457	772	855	932
32	487	823	911	992
33	518	875	969	1055
34	549	929	1030	1121
35	582	984	1090	1187
36	616	1041	1153	1256
37	651	1100	1221	1328
38	686	1168	1298	1413
39	723	1222	1353	1474
40	761	1285	1424	1551
41	799	1351	1496	1629
42	838	1418	1574	1713
43	879	1486	1645	1792
44	920	1556	1723	1876
45	955	1615	1788	1948
46	1006	1700	1883	2050
47	1042	1762	1951	2125
48	1095	1851	2050	2233
49	1133	1915	2121	2309
50	1188	2009	2224	2423
51	1227	2075	2298	2502
52	1285	2173	2406	2620
53	1325	2241	2481	2702
54	1386	2343	2594	2826
55	1427	2413	2672	2910
56	1491	2519	2791	3039
57	1533	2592	2870	3125
58	1599	2703	2993	3260
59	1642	2776	3074	3348
60	1711	2893	3203	3489
61	1756	2968	3286	3579
62	1827	3089	3420	3725
63	1873	3165	3505	3818
64	1947	3291	3645	3969
65	1993	3370	3732	4064
66	2071	3500	3876	4221
67	2118	3580	3964	4318
68	2198	3715	4114	4481
69	2246	3798	4205	4580

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Nominal rope Ø mm	Weight approx. kg/100 m	Minimum breaking force F _{min} 1770	Minimum breaking force F _{min} 1960	Minimum breaking force F _{min} 2160
		kN	kN	kN
70	2329	3937	4360	4749
71	2378	4021	4452	4849
72	2446	4134	4579	4986
73	2514	4251	4706	5126
74	2584	4367	4837	5268
75	2654	4486	4968	5410
76	2725	4607	5102	—
77	2797	4729	5237	—
78	2871	4853	5374	—
79	2945	4978	5512	—
80	3020	5104	5653	—
81	3096	5233	5794	—
82	3173	5364	5939	—
83	3250	5494	6084	—
84	3329	5628	6232	—
85	3409	5763	6381	—
86	3490	5899	6532	—
87	3571	6037	6685	—
88	3654	6177	6840	—
89	3737	6318	6996	—
90	3822	6461	7154	—
91	3907	6605	7314	—
92	3994	6751	7476	—
93	4081	6899	7639	—
94	4169	7047	7804	—
95	4258	7199	7971	—
96	4348	7351	8140	—
97	4439	7505	8310	—
98	4531	7660	8482	—
99	4624	7817	8656	—
100	4718	7976	8832	—

Other rope diameters and constructions on enquiry.

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