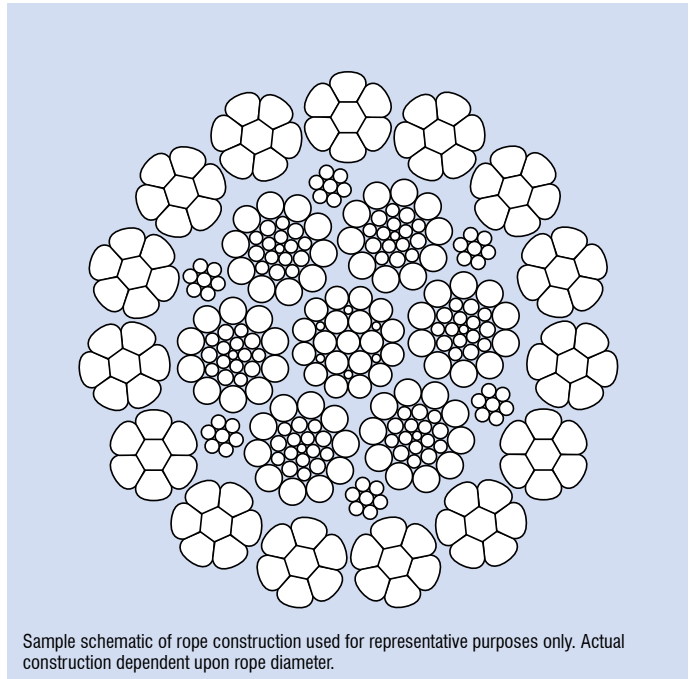


Technical data

Average fill factor	0,7145
average spinning loss factor 1770	0,835
average spinning loss factor 1960	0,835
average spinning loss factor 2160	0,815
Core	steel core
Lay type	lang 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%
Standard	According to EN 12385-4

Diameter range	Number of load-bearing wires in the external strands	RCN according to ISO 4309
from 4 – 49	105	23-2
from 50 – 99	255	27



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	13,3	14,7	15,8
5	12	20,7	23	24,7
6	17	29,9	33,1	35,6
7	24	40,6	45	48,4
8	31	53,1	58,8	63,2
9	39	67,2	74,4	80
10	49	82,4	91,7	98,6
11	59	101	112	120
12	70	119	132	142
13	83	141	156	168
14	95	162	181	194
15	109	186	207	222
16	126	214	238	256
17	141	240	267	287
18	159	271	301	323
19	176	300	333	358
20	196	334	371	398
21	218	371	412	442
22	238	406	451	485
23	260	442	491	528
24	282	481	534	573
25	301	512	569	611
26	325	554	616	661
27	350	596	662	711
28	383	652	725	778
29	406	692	769	825

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} 1770	Minimum breaking force F _{min} 1960	Minimum breaking force F _{min} 2160
		kN	kN	kN
30	434	740	822	883
31	461	786	874	938
32	495	844	937	1006
33	525	895	995	1068
34	559	952	1058	1136
35	595	1013	1126	1209
36	629	1072	1191	1279
37	665	1132	1258	1351
38	701	1194	1327	1425
39	738	1258	1398	1501
40	777	1323	1471	1579
41	816	1390	1545	1659
42	856	1459	1621	1741
43	898	1529	1700	1825
44	940	1601	1780	1910
45	983	1675	1861	1999
46	1027	1750	1945	2088
47	1072	1827	2030	2180
48	1118	1906	2117	2273
49	1165	1986	2207	2370
50	1214	2068	2298	2467
51	1263	2152	2391	2567
52	1313	2237	2485	2668
53	1364	2323	2582	2772
54	1415	2412	2681	2878
55	1468	2503	2781	2986
56	1522	2594	2883	3095
57	1577	2695	2984	3209
58	1633	2790	3090	3324
59	1690	2887	3197	3438
60	1747	2986	3307	3557
61	1806	3086	3418	3676
62	1866	3188	3530	3797
63	1927	3292	3645	3921
64	1988	3397	3762	4046
65	2051	3504	3880	4174
66	2114	3613	4000	4303
67	2179	3723	4122	4434
68	2245	3835	4247	4568
69	2311	3949	4373	4703
70	2379	4064	4500	4840
71	2447	4181	4630	—
72	2516	4299	4761	—
73	2587	4420	4894	—

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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
74	2658	4542	5029	—
75	2730	4665	5166	—
76	2804	4790	5305	—
77	2878	4917	5445	—
78	2953	5046	5588	—
79	3029	5176	5731	—
80	3107	5308	5878	—
81	3185	5442	6025	—
82	3264	5577	6176	—
83	3344	5714	6327	—
84	3425	5852	6480	—
85	3507	5992	6636	—
86	3590	6134	6793	—
87	3674	6278	6951	—
88	3759	6423	7113	—
89	3845	6570	7275	—
90	3932	6718	7439	—
91	4020	6868	7605	—
92	4109	7020	7773	—
93	4198	7173	7943	—
94	4289	7329	8115	—
95	4381	7485	8289	—
96	4474	7644	8464	—
97	4567	7804	8641	—
98	4662	7965	8820	—
99	4758	8129	9001	—

Other rope diameters and constructions on enquiry.

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