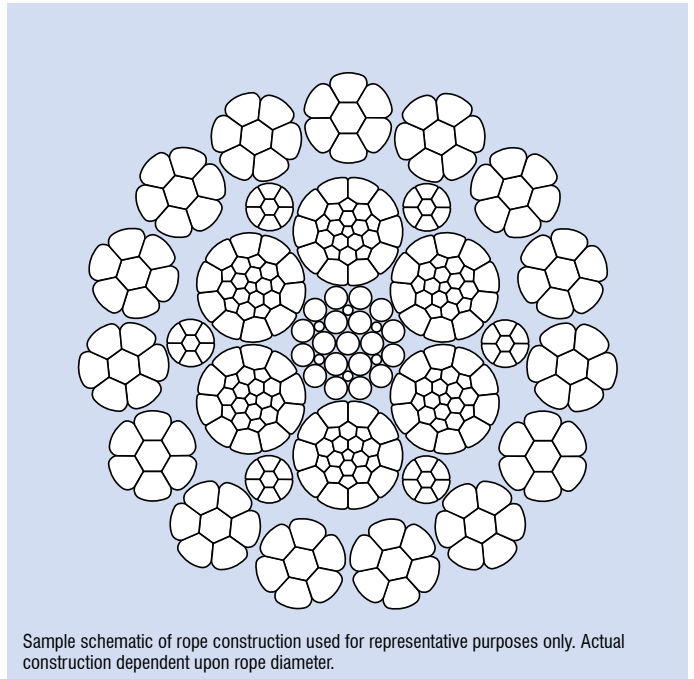


**Technical data**

Average fill factor	0,7357
average spinning loss factor 1770 N/mm <sup>2</sup>	0,845
average spinning loss factor 1960 N/mm <sup>2</sup>	0,845
average spinning loss factor 2160 N/mm <sup>2</sup>	0,825
Core	steel core compacted
Lay type	langs lay
Lay direction	choice of right hand or left hand
Compacting	strands compacted – thereby extra wear resistant
Finish	bright
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
from 12 – 49	105	23-2
from 50 – 70	255	27



Nominal rope Ø mm	Weight approx. kg/100 m	Minimum breaking force F <sub>min</sub> 1770	Minimum breaking force F <sub>min</sub> 1960	Minimum breaking force F <sub>min</sub> 2160
		kN	kN	kN
12	72	123	137	148
13	85	147	162	175
14	98	169	188	202
15	112	194	215	232
16	130	223	248	266
17	145	250	278	299
18	163	281	313	337
19	181	312	347	373
20	201	347	386	416
21	224	386	428	461
22	245	422	470	505
23	267	460	512	550
24	290	500	556	598
25	309	532	592	637
26	334	577	640	689
27	360	620	689	740
28	394	678	754	811
29	417	719	800	860
30	446	770	856	919
31	474	818	909	977
32	509	877	975	1048
33	540	931	1035	1113
34	575	990	1100	1183
35	612	1054	1171	1258
36	647	1115	1240	1332
37	684	1178	1309	1406

Other rope diameters and constructions on enquiry.

Please refer to our operating manual stranded ropes! Available at [www.pfeifer.info/manual-strand-ropes](http://www.pfeifer.info/manual-strand-ropes)

Nominal rope Ø mm	Weight approx. kg/100 m	Minimum breaking force F <sub>min</sub> 1770	Minimum breaking force F <sub>min</sub> 1960	Minimum breaking force F <sub>min</sub> 2160
		kN	kN	kN
38	721	1243	1381	1483
39	759	1309	1455	1562
40	799	1377	1530	1643
41	839	1446	1608	1727
42	880	1518	1687	1812
43	923	1591	1769	1899
44	966	1666	1851	1989
45	1011	1743	1936	2080
46	1056	1821	2023	2173
47	1102	1901	2113	2269
48	1149	1983	2203	2366
49	1198	2067	2296	2466
50	1248	2152	2391	2567
51	1298	2239	2488	2672
52	1350	2327	2586	2778
53	1402	2417	2687	2885
54	1455	2510	2788	2995
55	1509	2603	2893	3107
56	1565	2699	2999	3221
57	1621	2803	3105	3340
58	1679	2902	3214	3459
59	1737	3004	3326	3578
60	1796	3106	3440	3701
61	1857	3211	3555	3825
62	1918	3317	3673	3951
63	1981	3424	3792	4080
64	2044	3534	3913	4211
65	2108	3646	4037	4343
66	2173	3759	4162	4478
67	2240	3873	4289	4615
68	2308	3990	4418	4754
69	2376	4108	4549	4894
70	2446	4228	4681	5037

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