

MASTER 836 WXX

Made in Germany

TECHNICAL DATA

standard:	acc. to EN 12385-4
lay direction:	ordinary lay, lang lay
surface:	bright, galvanized
inlay:	steel core
outer strand:	8
compacted:	no
strand:	36
length outer wire:	288
fill factor:	0,5874
spinning factor:	0,7607
production tolerance:	0% / +5%
ECN-category (ISO 4309):	13

Ø mm	rope weight kg/m	1770 MPa MBL kN	1960 MPa MBL kN	2160 MPa MBL kN
8	0,26	41	46	50
9	0,33	51	57	63
10	0,40	64	71	78
11	0,49	77	85	94
12	0,58	92	102	112
13	0,68	108	119	131
14	0,79	125	139	153
15	0,90	143	158	174
16	1,03	164	181	200
17	1,16	183	203	223
18	1,31	208	231	254
19	1,45	229	254	280
20	1,61	256	283	312
21	1,75	278	308	339
22	1,95	308	341	376
23	2,11	335	371	409

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Ø mm	rope weight kg/m	1770 MPa MBL kN	1960 MPa MEL kN	2160 MPa MBL kN
24	2,32	367	405	448
25	2,51	398	440	485
26	2,71	430	476	524
27	2,98	462	511	564
28	3,25	503	552	614
30	3,64	564	625	688
31	3,95	611	677	733
32	4,15	642	711	783
33	4,46	690	765	843
34	4,75	735	815	897
35	5,00	774	857	944
36	5,28	818	905	996
37	5,50	851	943	1030
38	5,83	902	995	1091
39	6,21	962	1055	1174
40	6,61	1022	1135	1248
42	7,25	1122	1243	1360
43	7,47	1156	1280	1411
44	7,99	1236	1369	1509
45	8,45	1308	1448	1596
46	8,65	1329	1483	1634
48	9,51	1471	1629	1795
50	10,22	1582	1751	1930
51	10,83	1679	1856	2045
52	11,12	1721	1905	2100
54	12,00	1839	2037	2245
56	12,80	1981	2207	2417
57	13,20	2042	2267	2492
58	13,71	2121	2340	2569
60	14,77	2285	2531	2769
62	15,57	2401	2648	2900
64	16,70	2584	2852	3159
68	19,15	2963	3291	3616
70	20,14	3116	3491	3803
71	20,60	3188	3530	3870
72	21,21	3282	3634	4005
74	22,63	3502	3875	4273
76	23,82	3686	4057	4460
77	24,15	3738	4139	4561
80	26,13	4043	4477	4934
84	28,83	4461	4940	5444