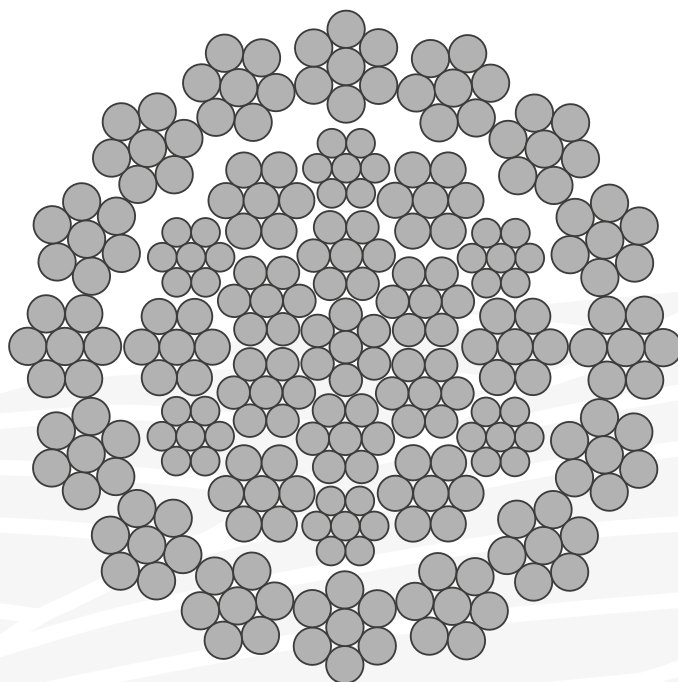


PYTHON CLASSIC 35 / CLASSIC 35 P

APPLICATION INFORMATION

breaking strength	●●●○○	rotation resistant	yes
bending performance	●●●●○	use with swivel	yes
drum crush resistance	N/A	rec. max fleet angle	2,0°
abrasion resistance	●●○○○	multi layer suited	no
lateral pressure stability	N/A		



optionally available
with PlastGuard
protection as
CLASSIC 35 P
[same break-
loads apply]

ROTATION RESISTANT

ROPE CHARACTERISTICS

Uncompacted, very flexible rope with LongLife designed core to prevent premature core deterioration. Use as hoist line on single layer drums in mobile cranes, tower cranes, high lifting height overhead cranes or any other application with requirement for rotation resistant rope and moderate breaking strength.

construction 35(W)x7-WSC	number of wires 245	load bearing outer wires 112
number of strands 35	manufacturing tolerance +2% / +4%	available in regular- / lang lay

Minimum breaking load

Nominal diameter [mm/inch]	Mass weight [kg/100m]	Minimum breaking load		
		1770 N/mm ² [kN]	1960 N/mm ² [kN]	2160 N/mm ² [kN]
5/16"	26,6	44	49	54
8	26,6	44	49	54
9	33,7	55	61	68
3/8"	37,8	62	69	76
10	41,6	69	76	84
11	50,8	84	93	102
7/16"	50,8	84	93	102
12	59,9	99	109	120
1/2"	67,1	110	122	135
13	70,3	116	128	141
14	81,6	134	149	164
9/16"	85,1	140	155	171
15	93,6	154	171	188
5/8"	106,5	175	194	214
16	106,5	175	194	214
17	120,2	198	219	242
18	134,8	222	246	271
19	150,2	247	274	302
3/4"	150,2	247	274	302
20	175,0	277	307	334
21	195,0	303	336	370
22	210,7	345	382	421
7/8"	211,0	345	382	421
23	234,1	384	425	468
24	252,7	414	459	505
25	274,4	450	498	549
1"	286,0	467	517	570
26	298,5	489	542	597
27	320,6	525	582	641
28	344,9	565	626	690
1-1/8"	357,0	584	647	713
29	367,8	603	667	736
30	394,5	647	716	789
31	420,6	689	763	841
1-1/4"	449,0	736	814	898
32	448,8	736	814	898
33	474,3	777	861	949
34	503,6	825	914	1.007
1-3/8"	535,0	877	971	1.070
35	535,1	877	971	1.070
36	567,2	930	1.029	1.134
38	632,3	1.036	1.148	1.265
1-1/2"	634,0	1.039	1.151	1.268
40	699,6	1.146	1.270	1.399
1-5/8"	740,0	1.213	1.344	1.481
42	768,7	1.260	1.395	1.537
44	842,4	1.381	1.529	1.685
1-3/4"	851,1	1.395	1.545	1.702
46	930,7	1.525	1.689	1.861
1-7/8"	983,0	1.612	1.785	1.967
48	1.012,2	1.659	1.837	2.024
50	1.095,7	1.796	1.988	2.191
2"	1.135,5	1.858	2.057	2.267

HIGHER DIAMETERS AND BREAKING LOADS ON REQUEST