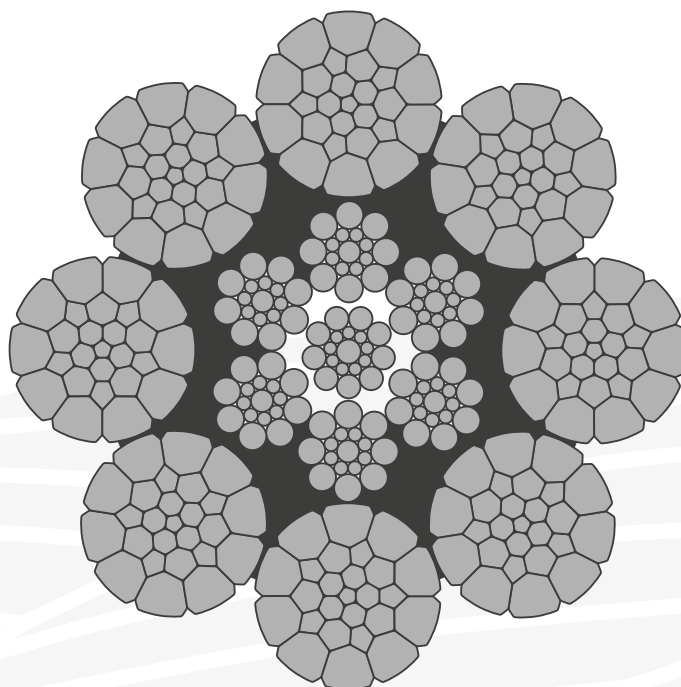


HMS-SUPER 8C

APPLICATION INFORMATION

breaking strength	●●●●○
bending performance	●●●●○
drum crush resistance	●●●●○
abrasion resistance	●●●●○
lateral pressure stability	●●●●○

rotation resistant	no
use with swivel	no
rec. max fleet angle	4,0°
multi layer suited	yes



HIPAC



PLASTGUARD

NON - ROTATION RESISTANT

ROPE CHARACTERISTICS

Super 8 C is the classic upgrade rope for most crane types for increased rope service life performance while maintaining the ability to operate with fleet angles up to 4°. The 8-strand construction provides an excellent combination of flexibility, fatigue life, and abrasion resistance.

The rope is available in dual-tensile strength by which the outer strand wires are made from a higher fatigue resistant steel (on request). Suited as hoist line in systems using a left and right handed rope and in multi-fall applications with low lifting heights.

construction	number of wires	load bearing outer wires
10-40mm: 8xK26WS-EPIWRC	257 / 329	208
41-55mm: 8xK31WS-EPIWRC	369	248
56-65mm: 8xK36WS-EPIWRC	409	288
66+ mm: 8xK41WS-EPIWRC	449	328
number of strands	manufacturing tolerance	available in
8+IWRC	+2% / +4%	regular- / lang lay

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]
12	63,5	113	129	132
1/2"	69,8	124	141	145
13	74,0	131	150	153
14	86,7	154	175	180
9/16"	88,3	157	179	184
15	98,0	176	200	205
5/8"	109,0	195	221	227
16	114,1	203	231	237
17	126,8	226	257	263
18	142,4	255	290	297
19	157,5	282	321	329
3/4"	157,5	282	321	329
20	175,7	314	357	366
21	194,5	348	396	405
22	213,2	382	434	445
7/8"	213,7	386	439	449
23	232,2	416	473	485
24	251,1	450	512	525
25	272,4	489	556	570
1"	282,7	499	574	581
26	293,7	527	600	615
27	318,7	573	651	667
28	343,7	618	703	720
1-1/8"	359,4	636	730	739
29	367,6	660	751	769
30	391,5	702	798	818
31	421,3	756	860	881
1-1/4"	442,6	778	898	909
32	451,0	810	921	944
33	479,9	859	977	1.001
34	508,7	908	1.033	1.058
1-3/8"	535,3	935	1.068	1.100
35	538,7	964	1.096	1.123
36	568,7	1.020	1.160	1.188
38	634,0	1.132	1.287	1.319
1-1/2"	641,4	1.133	1.289	1.320
40	700,4	1.257	1.430	1.465
1-5/8"	739,8	1.328	1.510	1.547
42	769,1	1.381	1.571	1.609
44	847,2	1.514	1.722	1.764
1-3/4"	877,4	1.567	1.783	1.826
46	929,3	1.659	1.888	1.934
1-7/8"	982,7	1.757	1.995	2.044
48	1.010,1	1.807	2.049	2.100

HIGHER DIAMETERS AND BREAKING LOADS ON REQUEST