

POWERFORM[®] 8XLS

Powerform 8xLS offers much better contact conditions compared to conventional hoist ropes and extremely high MBF, with enhanced radial stiffness and diameter stability.

High resistance to side pressure and crushing

Enhanced resistance to fleet angle if plastic impregnated

Extremely high MBF

Enhanced radial stiffness and diameter stability

High resistance to side pressure and crushing



BRUNTON
WIRE ROPES

THE SPECIALIST



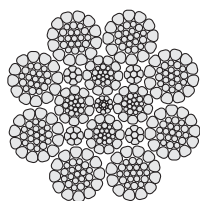
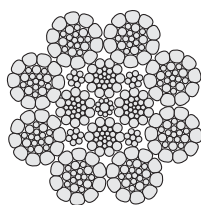
Constructions
8xK26, 8xK31

Core
Steel Core

Range
10mm - 30mm

Rope grade
2160

MBF
102 - 1030 kN



Typical applications

Marine riser tensioner ▪ Subsea winches
Offshore cranes ▪ Floating cranes ▪ Mobile
harbour cranes ▪ Ship to shore cranes ▪ Bulk
unloader cranes ▪ Container handlers ▪ Ship
derrick cranes ▪ Crawler cranes ▪ Tower cranes
Overhead travelling cranes



Diameter		Metallic area		Mass		MBF		
mm	in.	MM ²	in. ²	kg/m	lb/ft	kN	tonnes	kips
10		57.7	0.089	0.490	0.329	102	10.4	23.0
11		69.8	0.108	0.593	0.398	123	12.6	27.8
12		83.1	0.129	0.706	0.474	147	15.0	33.1
	1/2	93.1	0.144	0.790	0.531	165	16.8	37.0
13		97.5	0.151	0.828	0.556	172	17.6	38.8
14		113	0.175	0.960	0.645	200	20.4	45.0
15		130	0.201	1.10	0.741	230	23.4	51.6
	5/8	145	0.225	1.23	0.830	257	26.2	57.8
16		148	0.229	1.25	0.843	261	26.6	58.8
17		167	0.259	1.42	0.952	295	30.0	66.3
18		187	0.290	1.59	1.07	331	33.7	74.4
19	3/4	208	0.323	1.77	1.19	368	37.5	82.9
20		231	0.358	1.96	1.32	408	41.6	91.8
22		279	0.433	2.37	1.59	494	50.3	111
	7/8	285	0.442	2.42	1.63	504	51.4	113
24		332	0.515	2.82	1.90	588	59.5	132
25		364	0.564	3.06	2.06	638	65.0	143
	1	375	0.582	3.16	2.12	658	67.1	148
26		393	0.610	3.31	2.23	690	70.3	155
28		456	0.707	3.84	2.58	800	81.5	180
	1 1/8	475	0.736	4.00	2.69	833	84.9	187
30		524	0.812	4.41	2.96	918	93.6	207
	1 1/4	586	0.909	4.94	3.32	1030	105	231

These figures are for guidance only. Other features, such as MBF, dimensions, lay type and plastic fill can be designed on request.

MBF values are referred to 2160 grade, custom values are available on demand.



Get in touch with us

Write to us at contact@bsme.uae

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