

POWERFORM[®] 6MS

Specially designed for improved minimum breaking force, Powerform 6MS is far superior to conventional hoist ropes. It has high dimensional stability, and good resistance to side pressure and crushing.



BRUNTON
WIRE ROPES
THE SPECIALIST



Constructions

6xK19S, 6xK26SW
6x31SW, 6x36SW

Core

Steel core

Range

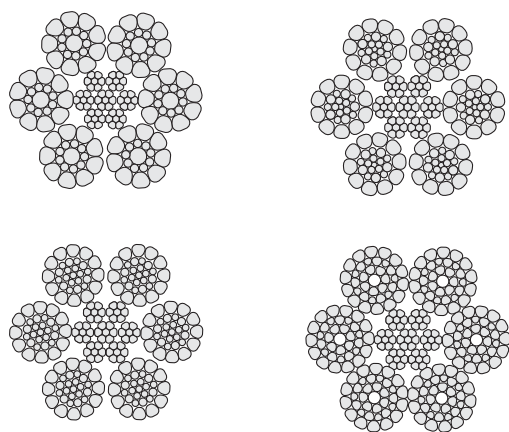
10mm - 60mm

Rope grade

2160

MBF

92 - 3310 kN



Typical applications

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		53.3	0.083	0.460	0.309	92.0	9.38	20.7
11		64.5	0.100	0.557	0.374	111	11.3	25.0
12		76.7	0.119	0.662	0.445	132	13.5	29.8
	1/2	86.0	0.133	0.742	0.499	148	15.1	33.4
13		90.1	0.140	0.777	0.522	155	15.8	35.0
14		104	0.162	0.902	0.606	180	18.4	40.6
15		120	0.186	1.04	0.696	207	21.1	46.6
	5/8	134	0.208	1.16	0.779	232	23.6	52.2
16		136	0.211	1.18	0.791	236	24.0	53.0
17		154	0.239	1.33	0.893	266	27.1	59.8
18		173	0.268	1.49	1.00	298	30.4	67.1
19	3/4	192	0.298	1.66	1.12	332	33.9	74.7
20		213	0.330	1.84	1.24	368	37.5	82.8
22		254	0.393	2.23	1.50	445	45.4	100
	7/8	259	0.401	2.27	1.53	454	46.3	102
24		302	0.468	2.65	1.78	530	54.0	119
25		328	0.508	2.88	1.93	575	58.6	129
	1	338	0.524	2.97	1.99	594	60.5	134
26		354	0.549	3.11	2.09	622	63.4	140
28		411	0.637	3.61	2.42	721	73.5	162
	1 1/8	428	0.664	3.76	2.52	751	76.6	169
30		472	0.732	4.14	2.78	828	84.4	186
	1 1/4	529	0.819	4.54	3.05	927	94.5	209
32		546	0.846	4.61	3.10	932	95.0	210
34		616	0.955	5.20	3.50	1050	107	237
35	1 3/8	650	1.01	5.49	3.69	1110	113	250
36		691	1.07	5.83	3.92	1180	120	265
38	1 1/2	770	1.19	6.50	4.37	1310	134	296
40		853	1.32	7.20	4.84	1460	148	328
41	1 5/8	886	1.37	7.67	5.15	1550	158	349
42		917	1.42	7.94	5.33	1610	164	361
44		1010	1.56	8.71	5.85	1760	180	396
	1 3/4	1030	1.59	8.89	5.98	1800	183	405
46		1100	1.71	9.52	6.40	1930	196	433
48	1 7/8	120	1.86	10.4	6.97	2100	214	472
50		1300	2.02	11.3	7.56	2280	232	512
	2	1340	2.08	11.6	7.80	2350	240	528
52		1410	2.18	12.2	8.18	2460	251	554
54	2 1/8	1520	2.35	13.1	8.82	2650	271	597
56	2 1/4	1630	2.53	14.1	9.48	2850	291	642
58		1750	2.71	15.1	10.2	3060	312	689
60	2 3/8	1890	2.93	16.4	11.0	3310	338	745

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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