

# POWERFORM<sup>®</sup> 6XSPF

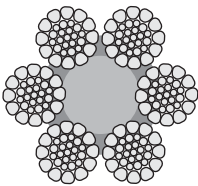
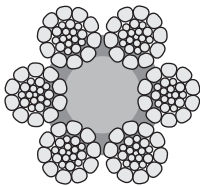
Powerform 6xSPF has improved MBF (minimum breaking force) compared to conventional hoist ropes. Other properties include excellent shock resistance & good resistance to fleet angle.



**BRUNTON**  
WIRE ROPES  
*THE SPECIALIST*



Constructions	Core	Range	Rope grade	MBF
6xK26, 6xK31	Fibre core	16mm - 40mm	2160	197 - 1250 kN



Typical applications

Mobile harbour cranes ▪ Bulk unloader cranes ▪ Container handlers ▪ Tower cranes  
Overhead travelling cranes



Diameter		Metallic area		Mass		MBF		
mm	in.	MM <sup>2</sup>	in. <sup>2</sup>	kg/m	lb/ft	kN	tonnes	kips
	5/8	112	0.173	1.01	0.677	197	20.0	44.2
16		113	0.176	1.02	0.688	200	20.4	44.9
17		128	0.198	1.16	0.777	225	23.0	50.7
18		144	0.222	1.30	0.871	253	25.8	56.9
19	3/4	160	0.248	1.44	0.970	282	28.7	63.4
20		177	0.275	1.60	1.08	312	31.8	70.2
22		214	0.332	1.94	1.30	378	38.5	85.0
	7/8	219	0.339	1.98	1.33	385	39.3	86.7
24		255	0.395	2.30	1.55	449	45.8	101
25		277	0.429	2.50	1.68	488	49.7	110
	1	286	0.443	2.58	1.73	503	51.3	113
26		299	0.464	2.70	1.82	527	53.7	119
28		347	0.538	3.14	2.11	612	62.3	138
	1 1/8	362	0.561	3.27	2.19	637	64.9	143
30		399	0.618	3.60	2.42	702	71.6	158
	1 1/4	450	0.698	4.03	2.71	786	80.2	177
32		458	0.709	4.10	2.75	799	81.4	180
34		516	0.801	4.62	3.11	902	91.9	203
35	1 3/8	545	0.845	4.88	3.28	951	97.0	214
36		579	0.897	5.18	3.48	1010	103	227
38	1 1/2	645	1.00	5.78	3.88	1130	115	253
40		715	1.11	6.40	4.30	1250	127	281

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

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