

# POWERFORM<sup>®</sup> 8LS/8LPS

Compared to conventional hoist ropes, high performance compacted ropes like Powerform 8LS/8LPS deliver smoother surface contact and higher resistance to side pressure and crushing. For enhanced resistance to fleet angle, we offer plastic impregnated variants.



**BRUNTON**  
WIRE ROPES  
*THE SPECIALIST*



## Constructions

8xK19S, 8xK26SW

## Core

Steel core (Optional plastic impregnation)

## Range

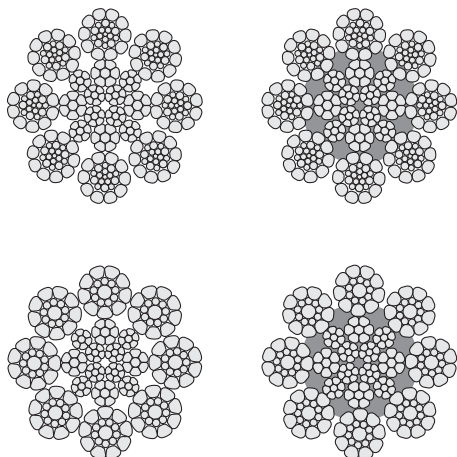
13mm - 30mm

## Rope grade

2160

## MBF

162 - 958 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 <sup>2</sup>	in. <sup>2</sup>	kg/m	lb/ft	kN	tonnes	kips
13		92.1	0.143	0.761	0.511	162	16.5	36.5
14		107	0.166	0.882	0.593	188	19.2	42.3
15		123	0.190	1.01	0.680	216	22.0	48.6
	5/8	137	0.213	1.13	0.762	242	24.7	54.4
16		140	0.216	1.15	0.774	246	25.1	55.3
17		158	0.244	1.30	0.874	277	28.3	62.4
18		177	0.274	1.46	0.980	311	31.7	70.0
19	3/4	197	0.305	1.62	1.09	347	35.3	78.0
20		218	0.338	1.80	1.21	384	39.1	86.4
22		264	0.409	2.18	1.46	465	47.4	105
	7/8	269	0.417	2.22	1.49	474	48.3	107
24		314	0.487	2.59	1.74	553	56.4	124
25		335	0.520	2.81	1.89	594	60.5	134
	1	346	0.537	2.90	1.95	613	62.5	138
26		363	0.562	3.04	2.04	642	65.5	145
28		421	0.652	3.53	2.37	745	75.9	168
	1 1/8	438	0.679	3.67	2.47	776	79.1	175
30		483	0.749	4.05	2.72	855	87.2	192
	1 1/4	541	0.839	4.54	3.05	958	97.6	215

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](mailto:contact@bsme.uae)

To send us a detailed enquiry

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