

POWERFORM[®] 10LS/10LPS

A highly reliable rope, the 10LS/10LPS has a lower torque factor compared to traditional hoist ropes.

Lower torque factor in respect to traditional hoist ropes

Enhanced radial stiffness and diameter stability

High resistance to side pressure and crushing

Enhanced resistance to fleet angle if plastic impregnated



BRUNTON
WIRE ROPES

THE SPECIALIST



Constructions

10xK19S, 10xK26SW
10xK31SW

Core

Steel Core (Optional
Plastic impregnation)

Range

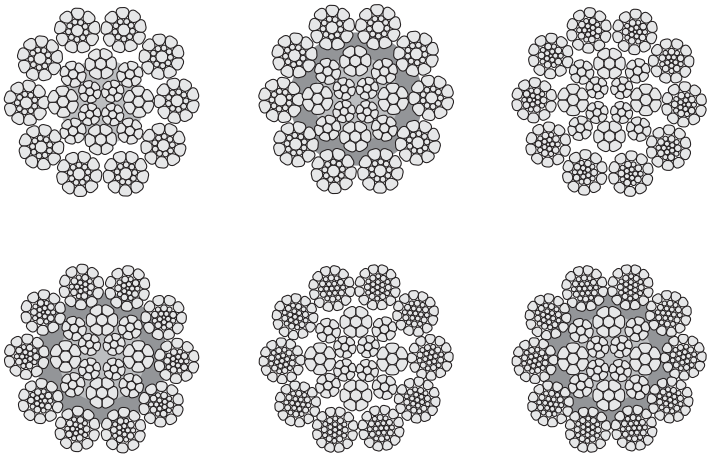
32mm - 60mm

Rope grade

2160

MBF

963 - 3380 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
32		572	0.887	4.61	3.10	963	98.1	217
34		646	1.00	5.20	3.50	1090	111	245
35	1 3/8	682	1.06	5.49	3.69	1150	117	258
36		724	1.12	5.83	3.92	1220	124	274
38	1 1/2	807	1.25	6.50	4.37	1360	138	305
40		894	1.39	7.20	4.84	1500	153	338
41	1 5/8	938	1.45	7.67	5.15	1600	163	360
42		971	1.51	7.94	5.33	1660	169	373
44		1070	1.65	8.71	5.85	1820	186	410
	1 3/4	1090	1.69	8.87	5.98	1860	189	418
46		1170	1.81	9.52	6.40	1990	203	448
48	1 7/8	1270	1.97	10.4	6.97	2170	221	487
50		1390	2.15	12.0	8.06	2350	240	529
	2	1430	2.22	12.4	8.32	2430	247	546
52		1500	2.33	13.0	8.72	2540	259	572
54	2 1/8	1620	2.51	14.0	9.41	2710	276	610
56		1740	2.70	15.1	10.1	2920	297	656
58	2 1/4	1870	2.89	16.2	10.9	3130	319	704
60	2 3/8	2020	3.13	17.5	11.7	3380	345	762

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

To send us a detailed enquiry

[CLICK HERE →](#)

Use our rope selector to find the right rope

[CLICK HERE →](#)

برنٹن وائر راپس فز م ح

BW
Brunton Wire
Ropes FZCo.

P.O. BOX 17491, JEBEL ALI FREE ZONE, DUBAI, UAE

PH.: + 9714 8838755, + 971 50 9537280, + 971 50 177 5929, + 971 50 450 3717

FAX: + 9714 8838152 | E-MAIL: wireropes@bsme-uae.com, sm@bsme-uae.com, bmall@bsme-uae.com

an  **usha martin** Group company