

# POWERFORM<sup>®</sup> 6/6P

A high strength, rugged, six strand rope ideal for situations where longer service life is required. It can be substituted for any six strand construction to improve service life and reduce total cost.

High fatigue life resulting from the unique compaction process.

---

Optional plastic impregnation (PI) signifies full plastic impregnation of the steel core.



**BRUNTON**  
WIRE ROPES  
*THE SPECIALIST*



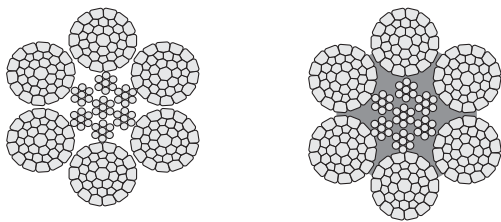
**Constructions**  
6xK36SW

**Core**  
Steel core (Plastic  
impregnation optional)

**Range**  
6mm - 60mm

**Rope grade**  
1770 / 1960

**MBF**  
22.7 - 2510 kN



## Typical applications

Subsea winches ▪ Offshore cranes ▪ A&R winches ▪ Mobile harbour cranes ▪ Ship to shore cranes ▪ Bulk unloader cranes  
Container handlers ▪ Ship lift ▪ Ship derrick cranes ▪ Mobile cranes ▪ Crawler cranes ▪ Tower cranes ▪ Foundation works ▪ Overhead travelling cranes  
Steelworks blast furnace skips,



NOM. ROPE DIA. mm	NOM. ROPE DIA. in	APPROX. MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1770 N/mm <sup>2</sup>		1960 N/mm <sup>2</sup>	
			kN	tonnes	kN	tonnes
10		46.4	69.5	7.1	85.7	8.7
11		56.1	83.8	8.5	98.6	10.1
12		66.8	100.0	10.2	114.0	11.6
	1/2	74.8	113.0	11.5	140.0	14.3
13		78.4	118.0	12.0	147.0	15.0
14		90.9	137.0	14.0	170.0	17.3
15		104.0	157.0	16.0	195.0	19.9
16	5/8	119.0	178.0	18.1	218.0	22.2
17		134.0	201.0	20.5	246.0	25.1
18		150.0	225.0	22.9	276.0	28.1
19	3/4	168.0	251.0	25.6	304.0	31.0
20		186.0	278.0	28.3	335.0	34.1
22		225.0	336.0	34.3	400.0	40.8
	7/8	229.0	343.0	35.0	408.0	41.6
24		267.0	400.0	40.8	489.0	49.8
	1	299.0	449.0	45.8	552.0	56.3
26		314.0	470.0	47.9	578.0	58.9
28		364.0	545.0	55.6	657.0	67.0
30		418.0	626.0	63.8	757.0	77.2
32	1 1/4	475.0	712.0	72.6	846.0	86.2
34		518.0	804.0	82.0	916.0	93.4
36		581.0	901.0	91.8	1065.0	109.0
38	1 1/2	647.0	1004.0	102.0	1165.0	119.0
40		717.0	1112.0	113.0	1295.0	132.0
42		790.0	1226.0	125.0	1425.0	145.0
44		867.0	1246.0	127.0	1505.0	153.0
46		948.0	1362.0	139.0	1665.0	170.0
48		1032.0	1483.0	151.0	1885.0	192.0
50		1120.0	1609.0	164.0	1975.0	201.0
52		1211.0	1741.0	177.0	2135.0	218.0
54		1306.0	1877.0	191.0	2325.0	237.0
56		1405.0	2019.0	206.0	2475.0	252.0
58		1507.0	2166.0	221.0	2650.0	270.0
60		1613.0	2317.0	236.0	2810.0	286.0

\* Mass per unit length of POWERFORM 6P increases by approx. 3%

- Note:
- Rope Sizes and Breaking Force not shown in the standard table, may be available on request and prior confirmation.
  - POWERFORM 6P is available only for 16 mm and above on special request and prior confirmation.



Get in touch with us

Write to us at [contact@bsme.uae](mailto: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 کو

**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](mailto:wireropes@bsme-uae.com), [sm@bsme-uae.com](mailto:sm@bsme-uae.com), [bmall@bsme-uae.com](mailto:bmall@bsme-uae.com)

an  **usha martin** Group company