

# POWERFORM<sup>®</sup> 35/35P

Powerform 35/35P has the highest strength of all low rotation hoist ropes. The rope exhibits high resistance to crushing and is recommended for multi-layer spooling operations.

A sample of rope from each production batch is tested to destruction in order to confirm compliance with catalogue breaking force values. It is suitable for use on single part and multipart hoist reeving systems and its high fatigue life resulting from the unique compaction process.

Maximum resistance to rotation

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Increased resistance to crushing

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Increased abrasion resistance

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Optional plastic impregnation

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Fully lubricated in manufacturing

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Lang lay construction offers maximum resistance to wear



**BRUNTON**  
**WIRE ROPES**

**THE SPECIALIST**



## Constructions

35xK7, 28xK7, 35xK19S

## Core

Steel Core (Optional  
Plastic impregnation)

## Range

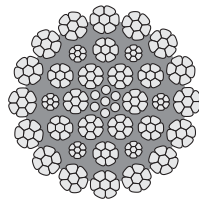
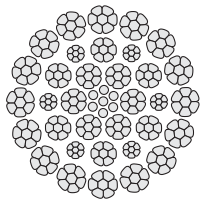
13mm - 52mm

## Rope grade

1960 / 2160

## MBF

148 - 2256 kN



## Typical applications

Offshore cranes ▪ Lifeboats ▪ Subsea winches  
Floating cranes ▪ Diving bells ▪ Crawler cranes  
Rotary drilling machines ▪ Tower cranes,  
Telescopic mobile cranes ▪ Truck mounted  
cranes ▪ Foundation works ▪ Overhead  
travelling cranes ▪ Lattice Boom, Mobile Cranes



NOM. ROPE DIA. mm	NOM. ROPE DIA. in	APPROX.* MASS kg/100m	MINIMUM BREAKING FORCE			
			GALVANISED & UNGALVANISED			
			ROPE GRADE			
			1960 N/mm²		2160 N/mm²	
			kN	tonnes	kN	tonnes
	1/2	81.1	148	15.1	160	16.3
13		85.0	155	15.8	167	17.0
14		98.6	180	18.3	192	19.6
16	5/8	129	233	23.8	252	25.7
18		163	300	30.6	321	32.7
19	3/4	182	331	33.7	358	36.0
20		201	372	37.9	399	40.7
21		222	402	41.0	434	44.2
22		243	444	45.3	484	49.3
	7/8	249	453	46.2	490	49.9
24		290	531	54.1	572	58.3
	1	325	591	60.2	640	65.2
26		340	621	63.3	661	67.4
28		394	720	73.4	788	80.3
	1 1/8	411	748	76.2	810	82.6
30		453	827	84.3	904	92.2
32	1 1/4	515	944	96.2	1035	106.0
35	1 3/8	616	1125	115.0	1216	124.0
36		652	1185	121.0	1286	131.0
38	1 1/2	726	1326	135.0	1437	146.0
40		805	1477	151.0	1588	162.0
42		887	1485	151.0		
44		974	1618	165.0		
	1 3/4	994	1646	168.0		
46		1064	1765	180.0		
48		1159	1935	197.0		
50		1258	2078	212.0		
	2	1298	2150	219.0		
52		1360	2256	230.0		

\* Mass per unit length of POWERFORM 35P increases by approx. 3%

Note: • POWERFORM 35P is available on special request and prior confirmation.  
• Rope Sizes and Breaking Force not shown in the standard table, may be available on 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

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Use our rope selector to find the right rope

[CLICK HERE →](#)

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