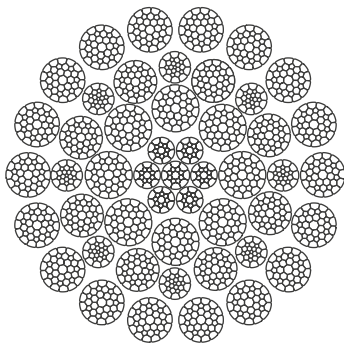


49(W)xK36WS-KWSC

Notor HP/49(W)xK36WS

Rotation resistant hoist rope for offshore cranes

Notor HP/49(W)xK36WS is a rotation resistant rope with conventional strands and a rope core covered with a plastic layer ideal for harbour container cranes, mineral gantry cranes, boom hoist and electric hoists.



Notor HP/49(W)xK36WS/2018/v1.0

Diameter		Section	Mass	Minimum breaking load
mm	inch	mm ²	kg/m	kN
			2060 MPa	
113	4-1/2	6804.7	61.05	11607
118	-	7420.2	66.57	12657
121	-	7802.3	70.00	13309
125	-	8326.6	74.71	14204
			f - Fill Factor	k - Spinning Loss Factor
			0.680	0.870

Please note: Other diameters with other tolerances than those shown here can be made on studies.

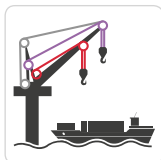
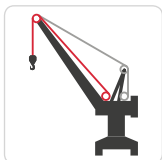
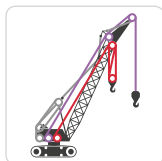
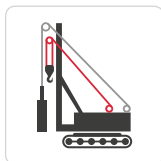
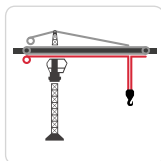
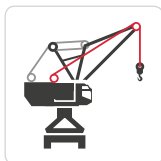
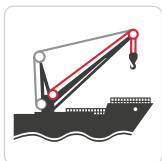
PLEASE NOTE: Notor HP is available with plastic impregnation which improves the rope behaviour in case of fleet angles and repetitive lifting cycles, and is recommended for high rise heavy duty and intensive use. Average minimum breaking load is 2% lower.

Features:

- High service life performance
- 16 outer strands over a Warrington steel core
- Bright or galvanised steel wires

Indicative values - Tolerance on diameter: ArcelorMittal design (0; +4%)






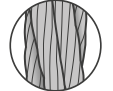
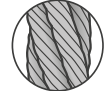
Applications



KEY

- Hoist
- Trolley
- Boom Luffing
- Grab
- Auxiliary Hoist
- Pipe Handling

Notor HP wire rope properties

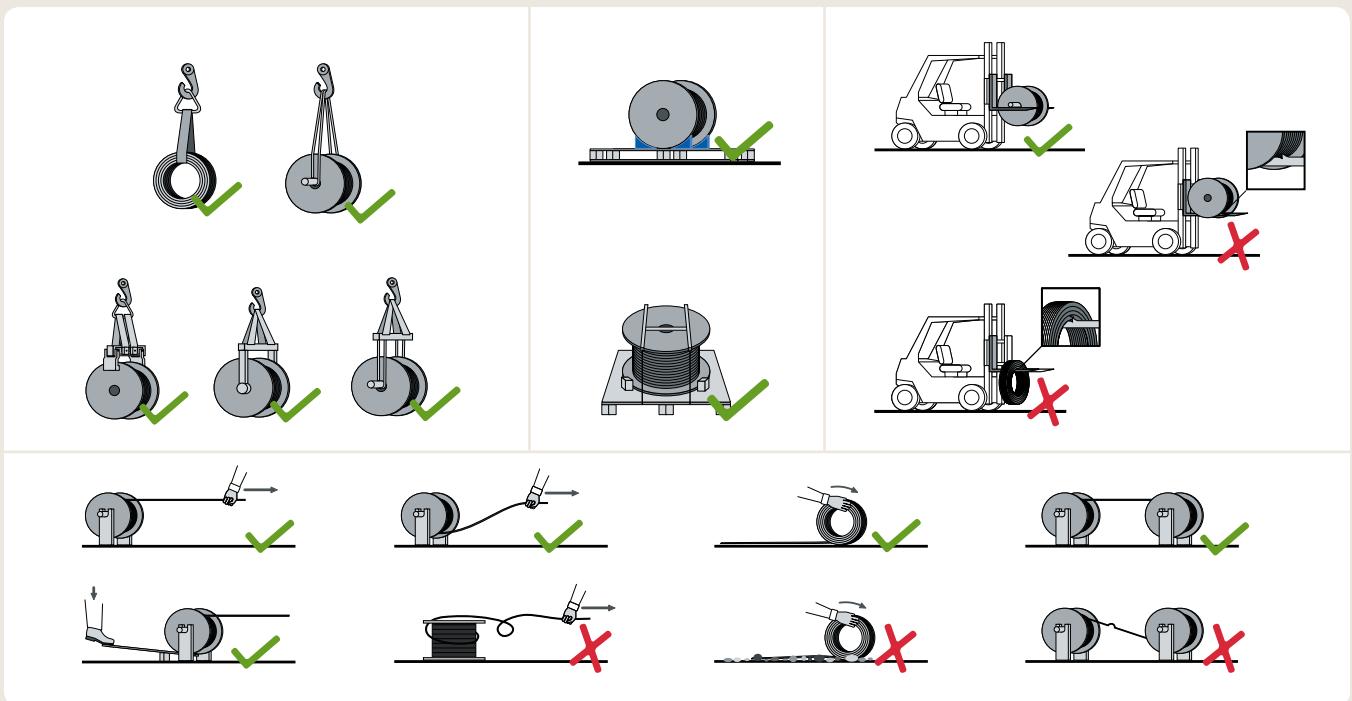
 <p>Lubrication</p>	 <p>Bending Fatigue Resistance</p>	 <p>Compaction</p>	 <p>Rotation Resistance</p>	 <p>High Breaking Resistance</p>	 <p>Regular Lay Rope</p>	 <p>Lang Lay Rope</p>
<p>Extends the life and increases rope performance.</p>	<p>Ropes designed to cope with bending repeatedly under stress.</p>	<p>Smoother outer surface with increased strength and reduced wear.</p>	<p>Resistance to spin and rotation whilst under load.</p>	<p>Ropes featuring a high breaking force.</p>	<p>Less core sensitivity with a non-rotational property.</p>	<p>Increased wear resistance and flexibility.</p>

Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

EWRIS handling recommendations



At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



All information in this promotional material shall illustrate products and services in a non final way and invite to further technical or commercial explanation; they are not contractual. © ArcelorMittal 2018.

High performance **Hoisting Ropes**
for the most demanding environments

ArcelorMittal ROPES, 25 Avenue de Lyon, BP 38, F-01002 Bourg-en-Bresse Cedex
Telephone: +33 4 74 32 82 12 | Fax: +33 4 74 32 81 05 | Email: lifting.ropes@arcelormittal.com
www.arcelormittal.com/wireropes

ArcelorMittal ROPES
ENGINEERING EXCELLENCE