

18 Tonnes Singledrum winch self tensioning

Technical information

Length	1.727 mm
Breadth	930 mm
Height	1.250 mm
Total weight (without wire)	2.750 kg
Power hydraulic: Hydro motor 125 cc, ΔP th = 255 bar pressure drop, oil flow Q_v th = 80 ltr/min. (max 160 ltr/min)	
Gearbox: type OK F80 drive, filled with +/- 8 ltr. gearbox oil, ISO-VG 150	
Clutch Hydraulic actuated expanding band type clutch, also the clutch can be mechanically locked by usage of 2 easy to install locking pins.	
Two types of breaks are installed: band brake manual released; hydraulic brake automatic released	
Control Local on power unit/remote	
The support bearing, drum bearings, clutch and brake spindle has to be lubricated with calcium grease, penetration class NLGL2	

Performance

Tension on 1st Layer	180 Kn.
Holding capacity 1st layer	100 Kn.
Diameter of steel wire	27 mm
Drum capacity	500 meter 6 layers
Rope speed	11 m/min First layer
Max wire pull @ layer 1	18 ton
Brake holding pull	27 ton
Steel wire	6x36WS, 1960 N/ mm, d=28mm
Wire storage	+/- 500m @ 6 layers

