

Hydrau**vision**



HydrauWinch 80S



Technical Specification

Max. line pull @ low speed	: 80 mton
Max. line pull @ high speed	: 32 mton
Max. brake holding capacity	: 100 mton
Max. line speed @ max pull	: 8 m/min.
Max. line speed @ high speed	: 20 m/min.
Hydraulic oil supply	: 300 l/min. @ 300 bar
Hydraulic pressure maximum	: 350 bar

Max. wire diameter	: 48 mm (other diameters on request)
Wire capacity (48 mm)	: 600 m (in 6 layers)
Drum diameter	: 812 mm (ungrooved)
Drum length	: 1480 mm (without separating shield)
Overall length	: 2945 mm
Overall width	: 2100 mm
Overall height	: 2130 mm
Total weight excl. wire	: 13.600 kg

Fluid connections acc. ISO 8434

Pressure (P)	: 30S
Return oil (T)	: 42L
Drain (D)	: 28L
Drain (Y)	: 22L
Pilot (X)	: 16S
Flush (F)	: 25S
Load sense (LS)	: 12L

Power supply nominal	: 24 VDC, 10 A.
Power receptacle	: Marechal DSN24, male, 23P +E

Detailed specifications	: On request
Remarks	: All figures calculated on 1 st layer

Benefits

- Very compact design with high performance.
- Simple, reliable operation
- Built-on valves provided, no extra hydraulics components are needed.
- Closed gearbox
- Offshore certified lifting points acc. DNV 2.7-3
- Possibility to place a separating shield on the drum

Scope of Supply

Included:

- User manual
- Settings to customers specifications

Excluded:

- Wire
- Hydraulic hoses
- Transport and installation
- Hydraulic Power Unit
- Rigging Gear / Spreader bar
- Separating shield on drum
- Electronic controls

All above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. HydrauVision reserves the right to change specification without prior notice.

Revision : 03
Date : 06-10-2017

A 80 mton winch for various purposes.

The HydrauWinch 80S is driven by four high torque hydraulic motors through a pinion/gear transmission. Each of the hydraulic motors are equipped with a displacement shift and controlled by one hydraulic valve block. Three positions of the displacement shifts can be selected to obtain different torques and speeds. The hydraulic valve block ensures safe operation for the 4 hydraulic motors and brakes.

The electronic controls are exclusive but can be provided.

The winch is assembled with offshore certified lifting lugs according D.N.V. rules 2.7-3 and EN 12079 to ensure easy handling.

A DNV 2.7-3 certified spreader bar is available with slings and shackles to handle the winch with or without wire.

Hydrau**vision**



www.hydrauvision.com
+31 (0) 88 57 47 000

HydrauRent[®]
HYDRAULIC RENTAL EQUIPMENT

