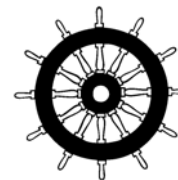




DATA SHEET

HYDRAULIC PIVOTING DAVIT

PRH 30



General:

- Applicable rules and regulations: IMO/SOLAS requirements, LSA Code and European Council Directive 96/98 EC on Marine Equipment (MED)
- Certification Authority : Unless agreed otherwise, certification will be done Bureau Veritas (BV). Upon request, alternative certificates can be arranged against additional cost.

Davit:

- Execution : Hydraulically actuated pivoting davit with constant tensioning system and hydro-pneumatic shock absorber.
- Drawing reference : A-100665
- Application : Fast rescue boat handling
- Safe Working Load (SWL) : 30 kN
- Outreach/radius : $\pm 4015\text{mm}$
- Maximum system height : $\pm 4200 - 4420\text{mm}$
- Lowering height : Approx 25 m
- Trim/list conditions : $10^\circ/20^\circ$
- Weather conditions : Hostile environment, Beaufort 6, Sea state 5, Significant wave height of at least 3,0 meter with ship sailing ahead at a speed of 6 knots.
- Lowering speed : As per SOLAS regulations ($S = 0.4 + 0.02H$)
- Recovery speed : 0,8 – 1,0 m/s
- Constant tensioning speed : Approx. 2,0 m/s
- Total weight : Approx 2990 kg

Wire rope:

- Wire rope type : Galvanised steel wire rope provided with talurit clamped thimble at one end.
- Construction : non-rotating
- Tensile strength : 1960 N/mm^2
- Diameter : 16 mm

Electric Motor:

- Motor type : Squirrel cage induction motor, flange mounted B5, marine execution
- Electric Power Supply : 380-400V/3ph/50Hz or 440V/3ph/60Hz
- Enclosure : IP56 TENV
- Insulation class : F
- Temperature rise class : B
- Duty rating : S2-10 min
- Power consumption : Approx. 32 kW
- Starting method : Direct on line
- Anti-condensation heater : 220/240V-25W

Motor Starter:

- Execution : For mounting on open deck and provided with main switch, push button, and "power on" indicator.
- Enclosure : IP56
- Transformer : 380-460/230 + 24 V