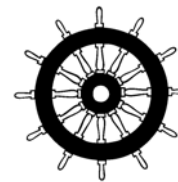




# DATA SHEET HYDRAULIC PIVOTING DAVIT PRHE 20



## **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 : Hydraulic pivoting davit "accumulated power"
- Drawing reference : A-100661
- Application : Rescue boat handling
- Safe Working Load (SWL) : 20 kN
- Outreach/radius :  $\pm 3040\text{mm}$
- Maximum system height :  $\pm 3265 - 3410\text{mm}$
- Lowering height : Approx 20 m
- Trim/list conditions :  $10^\circ/20^\circ$
- Lowering speed : As per SOLAS regulations ( $S = 0.4 + 0.02H$ )
- Recovery speed : 18 m/min
- Total weight : Approx 1410 kg

## **Wire rope:**

- Wire rope type : Galvanised steel wire rope provided with talurit clamped thimble at one end.
- Construction : non-rotating
- Tensile strength :  $1960\text{ N/mm}^2$
- Diameter : 14 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. 11 kW
- Starting method : Direct on line
- Anti-condensation heater : 220/240V-25W

## **Power pack unit:**

- Power consumption : Approx. 3,5 kW
- Starting method : Direct on line

## **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