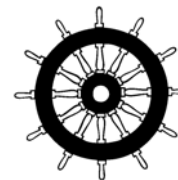




DATA SHEET HYDRAULIC SLEWING DAVIT SCH 21/14-4.5 LR



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 slewing davit "accumulated power"
- Drawing reference : A-100676
- Application : Rescue boat and life raft handling
- Safe Working Load (SWL) : 21 kN for life rafts and 14 kN for rescue boats
- Outreach/radius : 4500 mm
- Distance from deck to hook : 3100 mm
- Lowering height : Approx 20 m
- Trim/list conditions : 10°/20°
- Lowering speed : As per SOLAS regulations ($S = 0.4 + 0.02H$)
- Recovery speed : 18 m/min
- Total weight : Approx 1865 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/mm²
- 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
- Accumulator capacity : 32 litre (sufficient for a slewing angle of approx 120°)

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