


Generalities;

System application	: Rescue-boat handling system
Certification davit	: Class Type Approval Certificate <u>Acceptance for manual slewing by flag state requirements</u>
Certification winch	: CE  marking (Marine Equipment Directive 2014/90/EU)
Certificate number davit	: 51966/A0 BV
Certificate number winch	: 50916/A0 MED
Rules and regulations	: IMO/SOLAS Chapter III requirements (LSA code) <u>Acceptance for manual slewing by flag state requirements</u>
Approval conditions	: 20°/10° list/trim
Certification authority (IACS)	: Bureau Veritas (Marine & Offshore)

System Data;

Type description	: CM-52 10-3,5 R
Drawing number	: C3-0102
Drawing execution	: Right Hand version (<i>left hand execution is mirror image</i>)
System execution	: Manual Slewing Davit
System weight	: approx. 1470 kg (<i>dry weight without oil and lubricants</i>)
SWL (Safe working load) rescue boat	: 10kN
Working Radius	: 3500 mm
Lowering height (standard delivery)	: 25mtr effective <i>Note: - 3 safety winding will remain on drum - increased lowering height optional available</i>
Min. design temperature (standard)	: -20°C (<i>-40°C + winterization package optional available</i>)
Means of hoisting (Normal operation)	: Electric motor
Hoisting speed	: 18mtr/min acc. IMO/SOLAS regulations
Means of hoisting (Emergency)	: Manually
Lowering	: Gravity lowering as per IMO/SOLAS regulations
Lowering speed	: As per IMO/SOLAS rules and regulations
Slewing	: Manually, 10kN
Wire rope diameter and execution	: 14 mm, Non-rotating, Galvanised
Wire rope MBL (minimum breaking Load)	: 60kN
Winch manufacturer	: Maritime Deck Machinery
Winch type	: W-6116 E
Winch minimum launching load	: approx. 100kg

Electrical system;

Supply voltages	: 380V/400V/415V-50Hz or 440V-60Hz <i>(other voltage available upon request)</i>
Power consumption winch	: approx. 7kW
Motor duty rating	: S2-10 min
Motor starters	: DOL (<i>Direct on Line</i>)
Starter cabinet position	: Mounted on crane
Electric enclosures (Cabinet, E-motor, etc.)	: IP56 minimum
Anti-condensation protection	: Cabinet heater, Electric motor heater

Paint systems;

Primer

: Standard execution

Optional:

Multi-layer and Metallization available upon request

Optionally available;

Pedestal and fastening materials

: Steel, Primer finish for welding to deck.

Release hook

: As per IMO/SOLAS rules and regulations

Boat cradle

: Steel, Hot dip galvanized