



NDSC-R-23 Liferaft davit

The Viking Norsafe NDSC-R slewing davit system is especially designed for safe and efficient launching of liferafts. The davit system is designed for long time operation in a tough and corrosive marine environment.

NDSC-R-23 – Liferaft davit has a manually driven, mechanical slewing arm and a manually driven winch with a single wire fall.

The lowering is based on gravity only, which allows full operation of the davit in “dead ship” conditions. The davit is safe, reliable, and requires minimal maintenance levels. The equipment produces low level of noise and provides good access for service and repair.

The winch is fitted with a one-way clutch. If the power is lost, the brakes are activated automatically and davit motion is stopped. A centrifugal brake is located on the winch. The brake controls the speed of descent for the life raft(s).

Conforms to the latest IMO/SOLAS requirements, LSA Code and European Council Directive 2014/90/EU on Marine Equipment (MED).

Product code: 1510110100



The system allows:

- Manual slewing of the davit arm;
- Gravity lowering of the fully loaded raft, controlled from within the raft or by the operator on the deck. Independent of any power supply;
- High-speed manually retrieval of the empty hook. Low-speed retrieval of the full loaded raft (convenient for training/testing purpose);



Specifications:

- Davit system weight incl. winch (dry weight) - 1750 kg (approx.);
- Safe working load - 2300 kg (max. 4.5 m slewing radius);
- Trim/list conditions - 10°/20°;
- Max. lowering height - 40 m (including 10°/20° trim/list condition);
- Operation temperature - from -20°C to +45°C Manual hoisting;
- Min. lowering speed - not less than that obtained from the formula $S=0.4+(0.02H)$ and not exceed 1.3 m/s;
- Manual hoisting - by manual hand-cranking;
- Pivot bearing type - slewing bearing;
- Wire sheaves - galvanized, equipped with ball bearings;
- Installation - one deck welding point (reduced installation time);

