

ANNEX 27D

DESMI S100 LDW 2004 DIESEL DRIVEN EMERGENCY FIRE PUMP

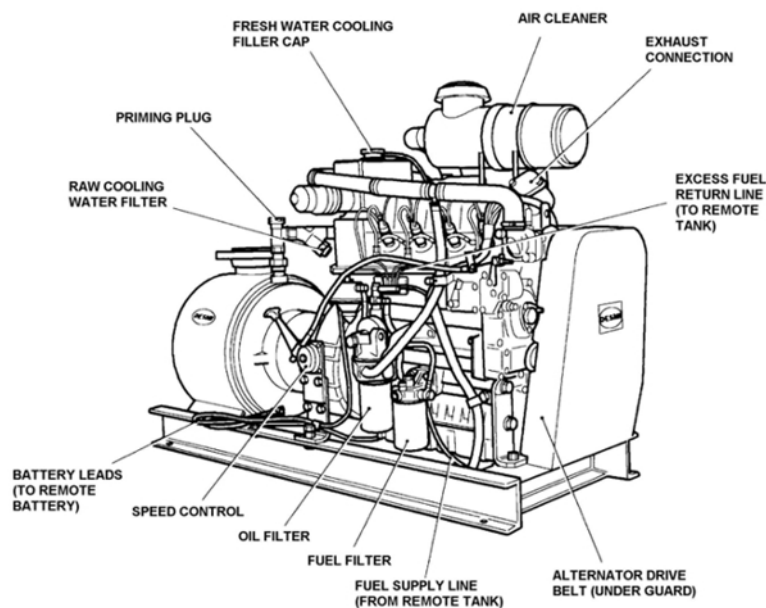
1. Description

The Desmi diesel driven, mobile pump is the successor to the Godiva GN 1700 pump, but is only supplied to ships not already supplied with the latter.

2. Operating Instructions

The pump should be run continuously for at least one hour per week, either to prime the HPSW main or to discharge overboard. Flushing out is not necessary. The unit should not be left to pump against an already fully pressurised HPSW main, as the engine exhaust will overheat due to the lack of secondary cooling water circulation. When the fuel tanks have been removed for refuelling, the self-sealing couplings must be pushed fully home to prevent leakage.

Fig 27D-1. Desmi S100 LDW 2004 Diesel Fire Pump

**3. Pump Particulars**

- a. **Weight (dry):** 375 kg.
- b. **Fuel (diesel) F76:** 2 x 25 ltr containers.
- c. **Performance:** 100 m³/hr at 7 bar, at 3.5 m suction lift.
- d. **Size:** 1325 x 513 x 1200 mm.

4. Handbook

Full details are published in BRF 6570(629).