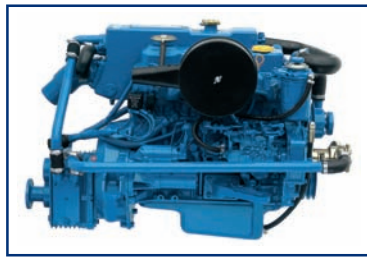
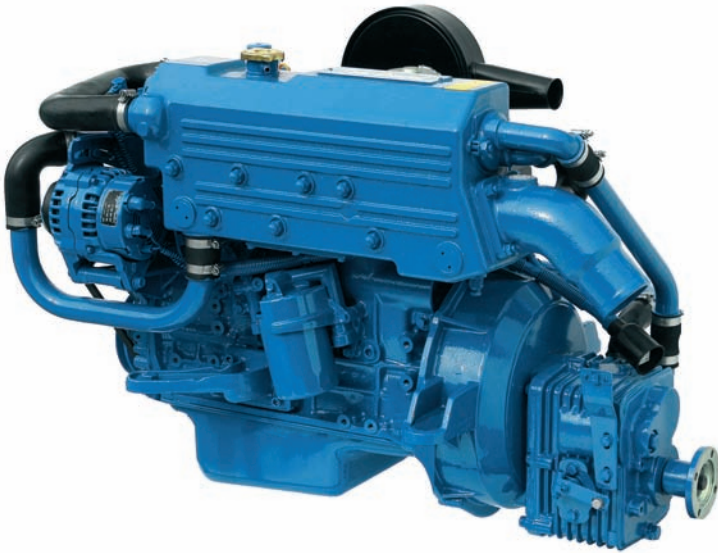
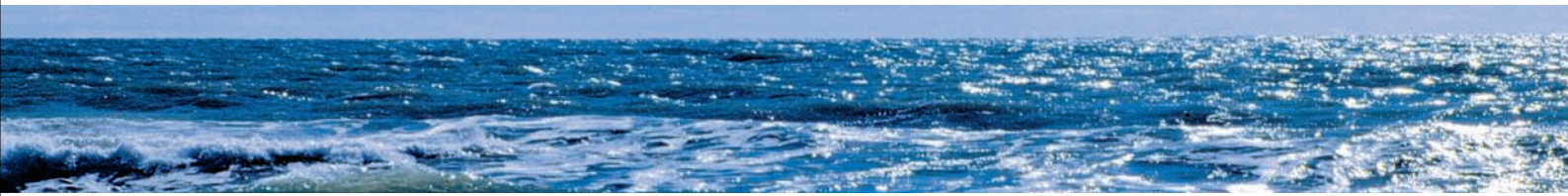


SN-85 Marine diesel engine

83 HP 4 cylinder Nissan base



High performance

A careful design with a VE-type rotary injection pump which offers high performance at the same time as low consumption.

Robust and reliable

The block and cylinder head have been built with a high resistance grey cast iron, guaranteeing high reliability and maximum robustness in the most demanding conditions.

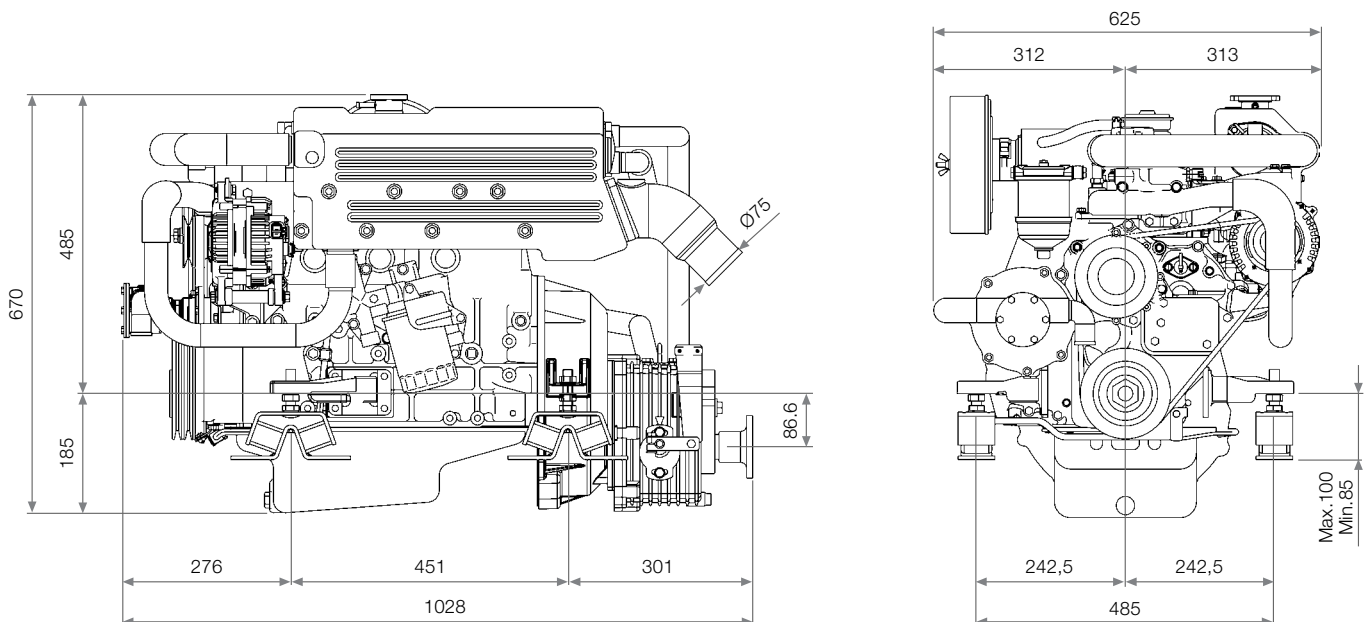
Low level of emissions

A high technological development enables a low level of emissions, thus complying with the latest standards of the 2003/44/EC European Directive on exhaust gas emissions.

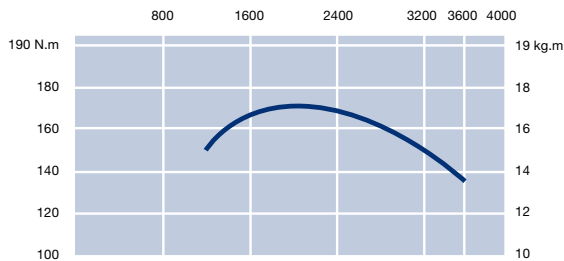
Easy maintenance and long lasting

The layout of the features makes inspection and maintenance operations in reduced spaces easy and ensures they are long lasting in extreme conditions.

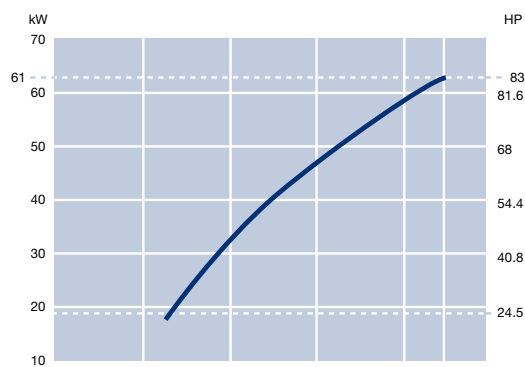
Dimensions (in mm)



Engine torque

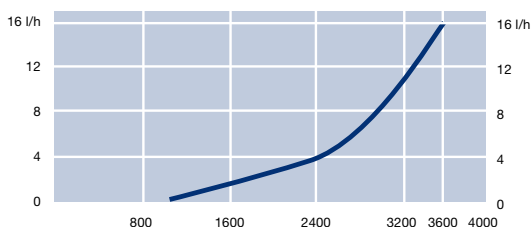


Power



Note: Power as per ISO 3046/1

Fuel consumption



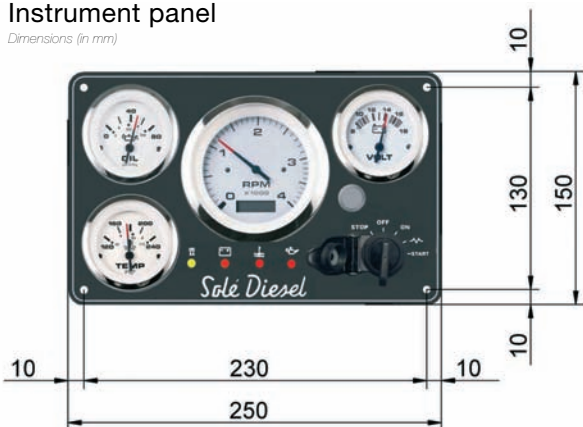
General characteristics

| | |
|--------------------------------------|--|
| Type | Diesel, 4-stroke |
| No. of cylinders | 4 in line |
| Diameter x stroke (mm) | 96 x 92 |
| Total displacement (c.c.) | 2.664 |
| Compression ratio | 22:1 |
| Maximum output | 83 HP (61 kW) |
| Continuous output | 75 HP (55.1 kW) |
| Maximum r.p.m. | 3.600 |
| Injection system | Indirect |
| Cooling system | Fresh water cooling with heat exchanger |
| Electrical system | 12V – Starting motor 2.5 kW Alternator 70 A |
| Maximum installation angle | 15° continuous / 20° intermittent |
| Saltwater hose - inside diameter | 30 mm |
| Fuel hose - inside diameter | 8 mm |
| Leak off fuel hose - inside diameter | 7 mm |

| | Gearbox model | SMI-R3 | TM345/345A | TM93 |
|------------------------------|---------------|-------------|-----------------------|-----------------------|
| Manufacturer | | Solé Diesel | Twin Disc Technodrive | Twin Disc Technodrive |
| Type | | Mechanical | Hydraulic | Hydraulic |
| Down angle | | – | –/8° | – |
| Reduction ratio (pleasure) | | 2:1 - 2.5:1 | 2:1 - 2.5:1 | – |
| Reduction ratio (cont. duty) | | – | 2:1 | 2:1 - 2.77:1 |
| Engine weight with gearbox | | 288 kg | 283 kg | 311 kg |

Instrument panel

Dimensions (in mm)



Includes:

- Control panel with tachometer
- Hour meter
- Battery charge warning light
- Thermometer
- Acoustic and visual water and low oil pressure alarms
- Starter key
- Voltmeter
- Oil pressure gauge

Standard equipment

- Electrical starter, alternator, electrical stop and electrical stop and cabling assembled on the engine
- Instrument panel
- 4 m cable harness
- Oil sump pump
- Engine rubber mounts
- Hot water inlets
- Owner's and part list manual

Optional equipment

- Sea water cocks
- Water filter
- Diesel filter with separator
- Remote controls
- Propeller shaft
- Sterntube
- Propellers
- Exhaust system



Solé, S.A. strives to constantly improve its end products, therefore the design, description, size, configuration and other technical specifications given here are only for informative purposes, and should not be considered to be a binding offer on the end product. The technical specifications and the presentation are subject to variations and changes without prior warning.

