

42HPE

INBOARD MARINE ENGINE

Models: 350, 330, 300, 280, 150



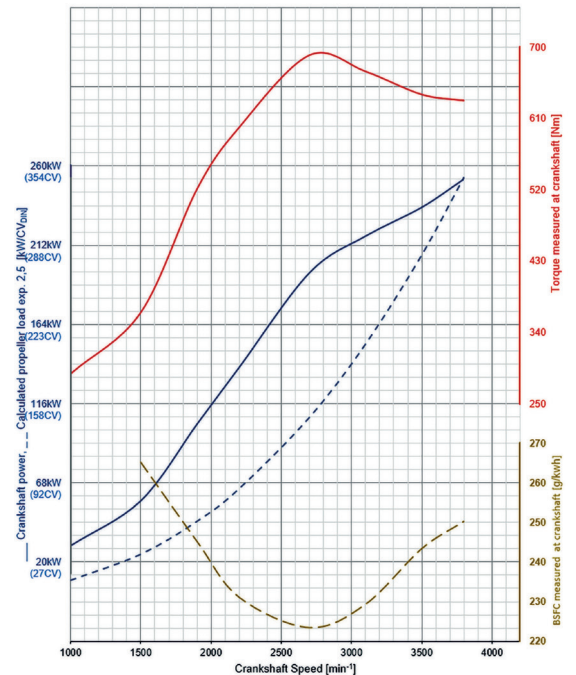
FEATURES

4 stroke turbocharged and aftercooled, direct injection diesel engine with electronically controlled common rail injection. Cooling controlled by separate fresh and salt water circuits, with extractable hoses for easy maintenance. Lube oil, water and air circuits designed to reduce external flexible pipes to a minimum to reduce loss of liquids in the bilge. Auxiliary devices driven by Poly-V belt to ensure excellent power transfer and long life. Electrical circuit protected by reactivateable valves.

TECHNICAL DATA

| Engine model | 42 HPE 350 | 42 HPE 330 | 42 HPE 300 | 42 HPE 280 | 42 HPE 150 |
|----------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------------|
| Max. Power | 257 kW 350 HP 3800 rpm | 242,6 kW 330 HP 3800 rpm | 220,6 kW 300 HP 3800 rpm | 206 kW 280 HP 3800 rpm | 110 kW 350 150 HP 3800 rpm |
| Max. Torque | 700 Nm 71.4 Kgfm 2700 rpm | 657 Nm 67 Kgfm 2700 rpm | 657 Nm 67 Kgfm 2700 rpm | 657 Nm 67 Kgfm 2700 rpm | 330 Nm 33.6 Kgfm 2700 rpm |
| Number of Cylinders | 6 in line | | | | |
| Displacement | 4.164 cc | | | | |
| Bore and Stroke | 94x100 mm | | | | |
| Dry Weight | 460 Kg - 1014 lbs | | | | |
| Cooling | Water | | | | |
| Combustion | Direct Injection Common Rail | | | | |
| Induction | Turbocharged and intercooled | | | | |
| Emissions | RCD Stage2 | | | | |
| Dimension (mm) | 806(H) x 1188(L) x 762(W) | | | | |

PERFORMANCE CURVES



Referred to 42HPE 350

Engine shown in the picture could be not equal to standard engines

Technical data according ISO8665, fuel according EN590 standards. Fuel available on the market could have different specifications, influencing engine's power and consumptions. Production tolerance within 5% (on power). Not all produced models, equipments and accessories could be available in all countries.

STANDARD EQUIPMENT

- SAE flywheel housing
- Starter motor 12V
- Alternator 12V-110A
- Oil and fuel filters
- Air filter
- Freshwater engine cooling system with seawater heat exchanger
- Engine lubricating oil cooled by heat exchanger seawater cooled
- Freshwater cooled exhaust manifold and freshwater turbocharger

- Bronze seawater circulating pump with impeller in special rubber
- Centrifugal pump for freshwater circulation
- Drain oil pump
- Expansion tank integrated
- Stainless steel exhaust gas/seawater mixer
- Flexible mounts
- Electrical instrument panel with alarms
- 8m. panel cable extension
- White paint finish

GEARS

ANGLED GEARBOXES

- TM880 A (10°): R. 1,53:1, 2,08:1, 2,60:1
- ZF 63 D - A

V-LINE GEARBOXES

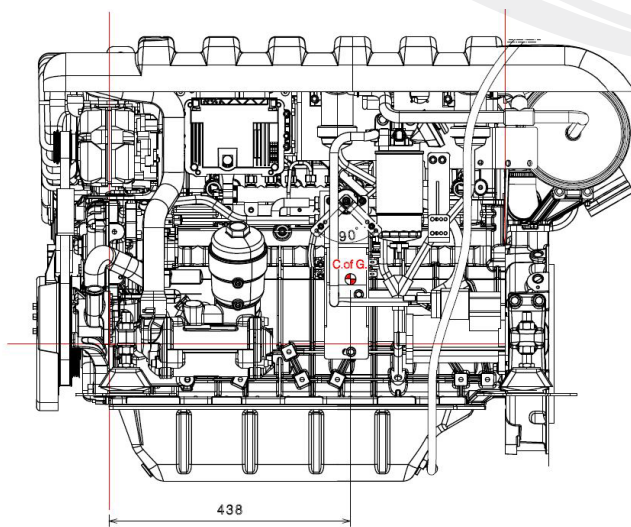
- ZF63-IV (12°): R. 1,29:1, 1,56:1, 1,99:1, 2,48:1

IN-LINE AND COAXIAL GEARBOXES

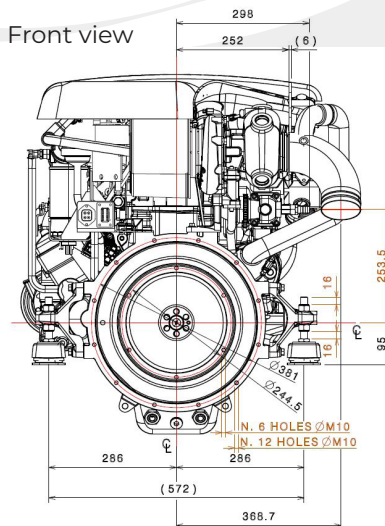
- ZF63C (coaxial): R. 1,00:1

DIMENSIONAL

Side view



Front view



PANEL INSTRUMENT CANBUS

Panel Instrument high brightness 5 "TFT display, with touchscreen and a very simple and intuitive interface and offers the following features:

- Engine data acquisition with

- CANBUS J1939 interface.
- Data acquisition from traditional sensors for up to eight analog inputs, five digital inputs and one frequency input.
- Acquisition of navigation data with NMEA0183 interface.
- Up to five relay command outputs for signals and simple activations.
- Alarm monitoring according to approved safety standards.
- Automatic brightness adjustment and day / night mode.
- USB local connectivity for firmware update and configuration.

The unit is supplied already programmed and ready to work.



OPTIONALS

- Single or double electronic CANBUS control station
- Boiler kit for heating
- Various length panel extension
- Second control panel for flybridge installations
- Fuel and seawater filters
- Power steering pump
- Trolling Valve
- NMEA2000 compatibility kit
- Wide range of additional instruments



Find out our dealers using our QR code or call +39 393 9092265 for further informations