

8 M26.2

4 stroke diesel engine, direct injection

Bore and stroke
Number of cylinders
Total displacement
Compression ratio
Engine rotation (ISO 1204 standard)
Idle speed
Weight (without water & oil)
Flywheel housing
Flywheel

150 x 150 mm
8 in V
21.2 litres
14/1
CCW *
700 rpm
2475 kg
SAE 0
SAE 14"

* counter-clockwise

Not contractual picture

RATED POWER: E3 cycle (FPP propeller)

Please contact us for information regarding the E2 cycle (CPP propeller).

| Duty | rpm | kW | hp | Peak torque / speed (N.m / rpm) | Full load fuel consumption (g / kW.h) | IMO | CE 97 / 68 | CCNR |
|------|------|-----|-----|------------------------------------|--|-----|------------|------|
| P1 | 1800 | 442 | 600 | 2696 / 1400 | 203 | II | IIIA | II |
| P1 | 1800 | 491 | 668 | 2948 / 1400 | 209 | II | IIIA | II |
| P2 | 1900 | 539 | 733 | 3110 / 1400 | 220 | II | IIIA | II |
| P2 | 1950 | 588 | 800 | 3393 / 1400 | 233 | II | - | - |

Power definition (Standard ISO 3046/1 - 1995 (F))

Reference conditions

Ambiant temperature 25 °C / 77 °F
Barometric pressure 100 kPa
Relative humidity 30 %
Raw water temperature 25 °C / 77 °F

Fuel oil

Relative density 0,840 ± 0,005
Lower calorific power 42 700 kJ/kg
Consumption tolerances 0 ± 5 %
Inlet limit temperature 35 °C / 95 °F

Our ratings also comply with classification societies maximum temperature definition without power derating.

Ambient temperature 45 °C / 113 °F
Raw water temperature 32 °C / 90 °F

| | P1 duty | P2 duty |
|-------------------------|-------------------------|----------------|
| Application | unrestricted continuous | continuous |
| Engine load variations | very little or none | numerous |
| Mean engine load factor | 80 to 100 % | 30 to 80 % |
| Annual working time | more than 5000 h | 3000 to 5000 h |
| Time at full load | unlimited | 8 h each 12 h |

STANDARD EQUIPMENTS

Engine and block

Cast iron cylinder block
One inspection door per cylinder for access to conrod cap
Cast iron cylinder liners, wet type
Separate cast iron cylinder heads equipped with 4 valves
Replaceable valves guides and seats
8 cylinders head tightening bolts
Hardened steel forged crankshaft with induction hardened journals, crankpins and radius
Camshaft with polynomial cams profile
Distribution with tempered, hardened and grinded helicoidal gears
Chromium-Molibdenum steel conrods
Lube oil cooled light alloy pistons with high performance piston rings

Cooling system

Fresh / raw water heat exchanger with integrated thermostatic valves and expansion tank
Cast iron centrifugal fresh water pump, mechanically driven
Bronze self-priming raw water pump, mechanically driven

Lubrication system

Full flow screwable oil filters
Lube oil purifier with replaceable cartridge
Fresh water cooled lube oil cooler

Fuel system

In line injection pump with flanged mechanical governor
Double wall injection bundle with leakage collector
Duplex fuel filters replaceable engine running

Intake air and exhaust system

Fresh water cooled turbo blower
Double flow raw water cooled intake air cooler

Electrical system

Voltage: 24Vcc
Electrical starter on flywheel crown
175A battery charger

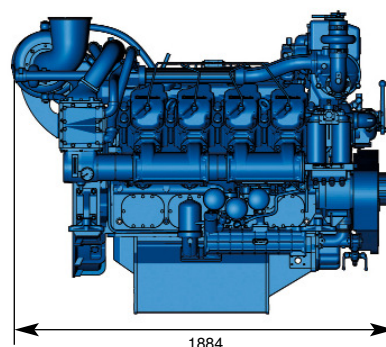
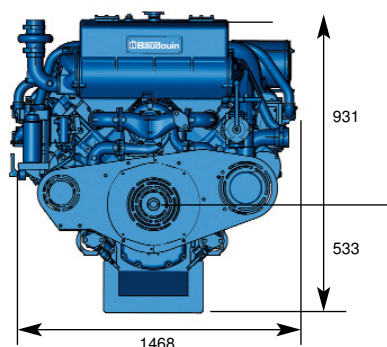
OPTIONAL EQUIPMENTS (extract) *

Cooling system adapted for box / keel cooling
Connection for emergency raw water and lube oil circuits
Bilge pump
Air starter with storage bottles and compressor

Free end PTO
Resilient mounts under engine
Equipment and factory trial according to Major Classification Societies rules

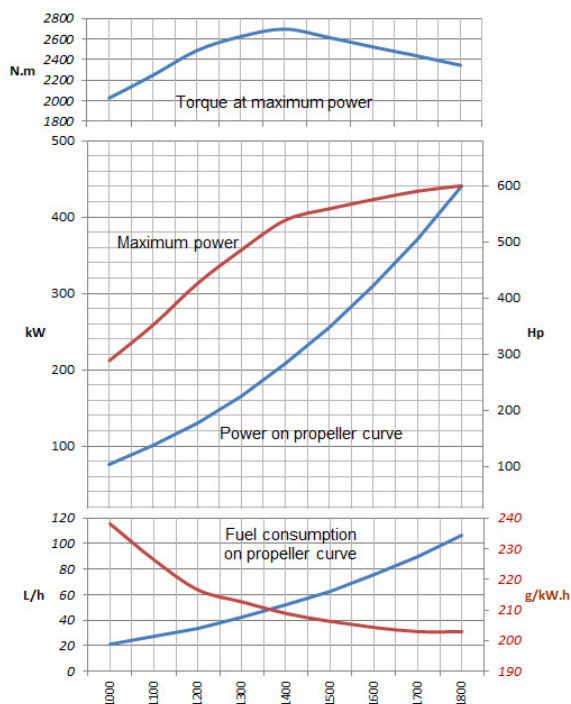
* contact us for further information regarding our options.

DIMENSIONS

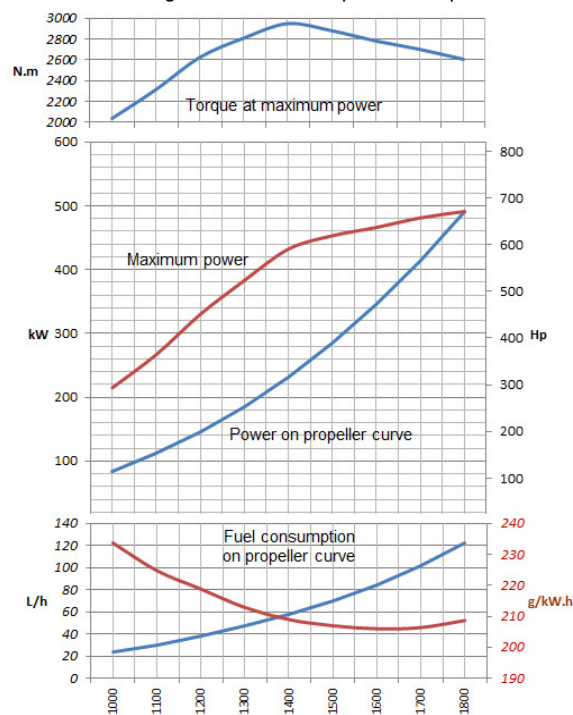


PERFORMANCES

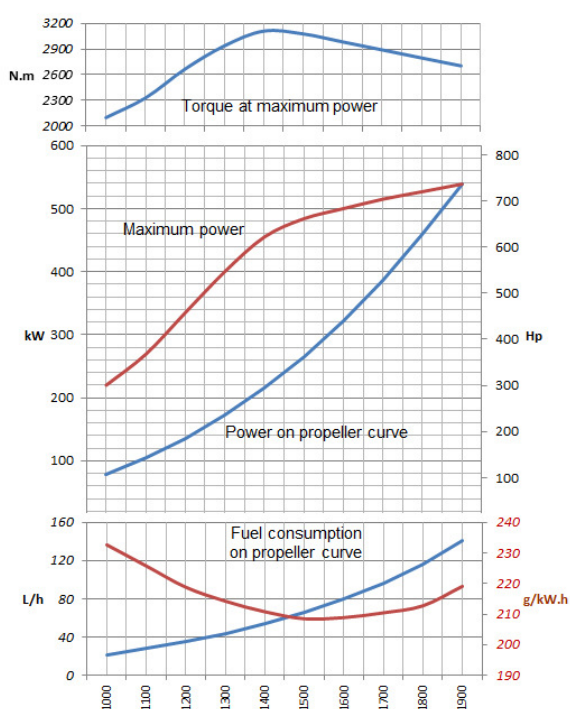
P1 rating - 442 kW / 600 hp @ 1800 rpm



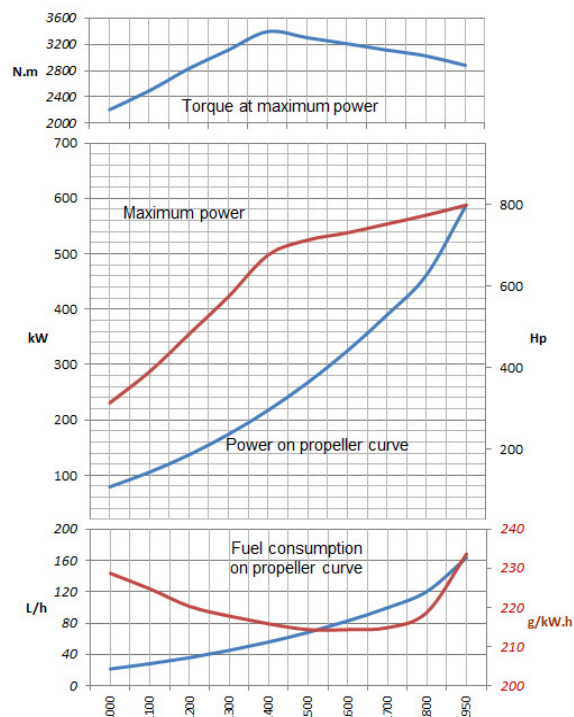
P1 rating - 491 kW / 668 hp @ 1800 rpm



P2 rating - 539 kW / 733 hp @ 1900 rpm



P2 rating - 588 kW / 800 hp @ 1950 rpm



Speed: rpm