

6 M26.2



Not contractual picture

4 stroke diesel engine, direct injection

Bore and stroke	150 x 150 mm
Number of cylinders	6 in line
Total displacement	15.9 litres
Compression ratio	15/1
Engine rotation (ISO 1204 standard)	CCW *
Idle speed	700 rpm
Weight (without water & oil)	2000 kg
Flywheel housing	SAE 1
Flywheel	SAE 14"

* counter-clockwise

RATED POWER: E3 cycle (FPP propeller)

Duty	rpm	kW	hp	Peak torque / speed (N.m / rpm)	Full load fuel consumption (g / kW.h)	IMO	CE 97 / 68
P1	1800	331	450	1869 / 1400	209	II	IIIA
P1	1800	368	500	2140 / 1400	211	II	IIIA
P2	1900	404	550	2352 / 1400	215	II	IIIA

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

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 exhaust gas manifold
- Fresh water cooled turbo blower
- Double flow raw water cooled intake air cooler

Electrical system

- Voltage: 24Vcc
- Electrical starter on flywheel crown
- 55A 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.

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

Limit conditions ISO 3046

Fuel oil

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

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

Ambiente 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

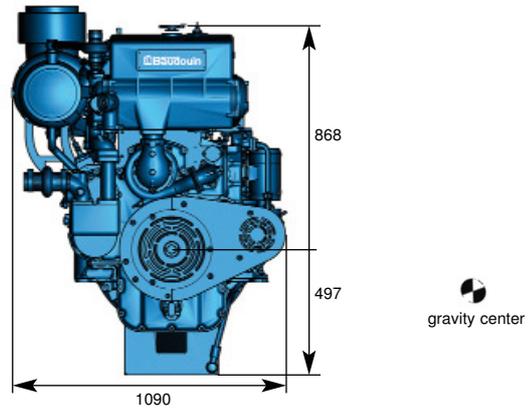
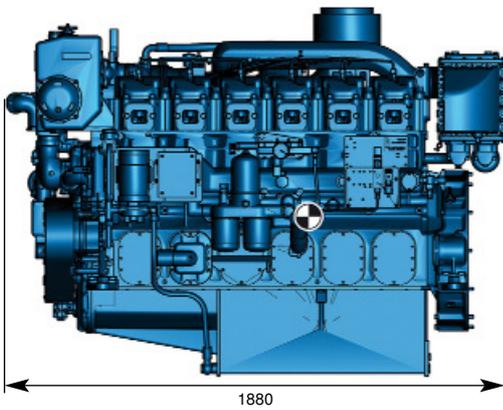
P1 typical applications

deep sea trawlers, shrimps trawlers, sea going tug boats, river tug boats, push boats, freighters, dredges, LCT, ferries

P2 typical applications

passengers vessels, harbour tug boats, motorbarges, coastal freighters, tuna boats, seiners, netters, potting boats, longliners, buoyers, supply vessels, oceanographic research vessels, commercial pleasure crafts

DIMENSIONS

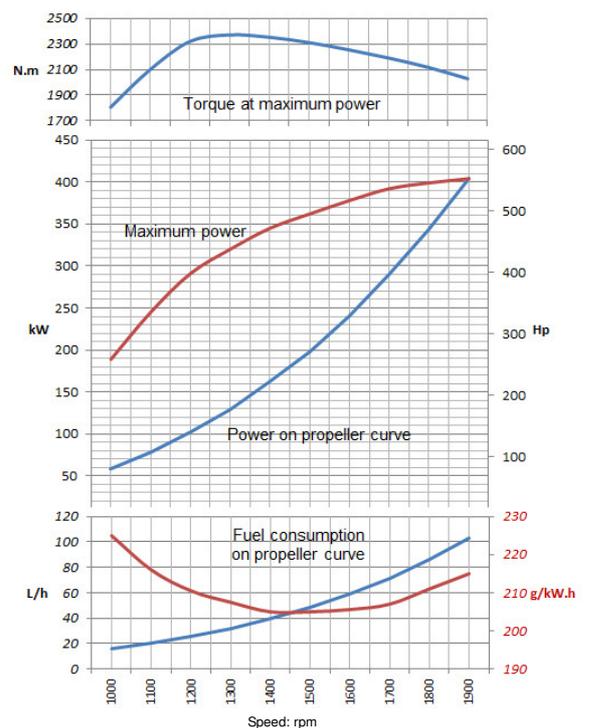


PERFORMANCES

P1 rating - 368 kW / 500 hp @ 1800 rpm



P2 rating - 404 kW / 550 hp @ 1900 rpm



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