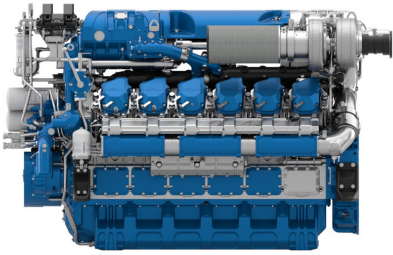




12M26.3

Auxiliary Diesel Engine



Number of cylinders	12V @ 90
Bore and stroke (mm)	150 X 150
Total displacement (L)	31.8
Compression ratio	15/1
Engine rotation	counter clockwise
Idle speed	650
Flywheel	SAE 0
Flywheel housing	SAE 18"

Customer benefits

Continuous compact power with reference performances in its category

Easy service with accessible components and unit cylinder heads

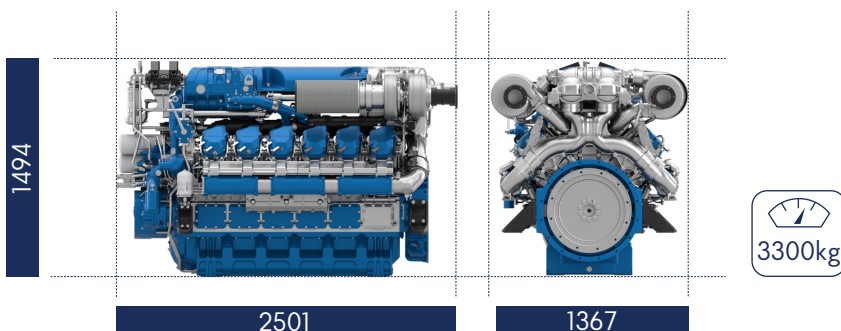
Life cycle cost efficiency with extended MTBO (Mean time between overhauls)

12M26.3				Fuel Consumption		Emissions
Ratings	HP	kW (PRP)	RPM	g/kWh	l/h	IMO
PRP	1200	882	1500	197	207	II (C1)
PRP	1320	970	1800	201	232	II (C1)

Generator Sets Engines

Power Class		Definition
PRP	Prime Power	Unrestricted running time Time at full load \leq 500hrs/year Load variation \leq 75% of rated power 10% overload 1hr/12hrs

Dimensions and dry weight (mm/kg)



Standard equipment

Cooling System

Two - stage cooling circuit with built - in HT thermostatic valve
 Integrated fresh water expansion tank
 High efficiency tubular heat exchanger
 Gear driven centrifugal raw water pump
 Self priming raw water pump with bronze impeller

Lubrication System

Full flow lube oil filters duplex type
 Fresh water cooled lube oil heat exchanger

Fuel System

Common-rail electronic injection
 High pressure pump with shielded high pressure injection rail and pipes
 Fuel oil filter duplex type
 External fuel pre-filter with water separator

Intake Air and Exhaust System

Double flow raw water cooled intake air heat exchanger module
 High efficiency dry turbocharger with ball bearing technology
 Single Stage Turbocharging system

Electrical System

Voltage: 24V DC insulated
 Electrical starter
 190A battery alternator

Optional Equipment

Wet exhaust
 PTO elastic coupling
 Additional pulley
 Electric drain system
 Standard PTO for hydraulic pump
 Different alternators possible - including 12V
 Electrical rotary actuator

Please check with the Sales person to avail full list of options

Power definition

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

Reference conditions

Ambient temperature	25°C / 77°F
Barometric pressure	100 kPa
Relative humidity	30%R
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%
	(DIN ISO 3046-1)
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