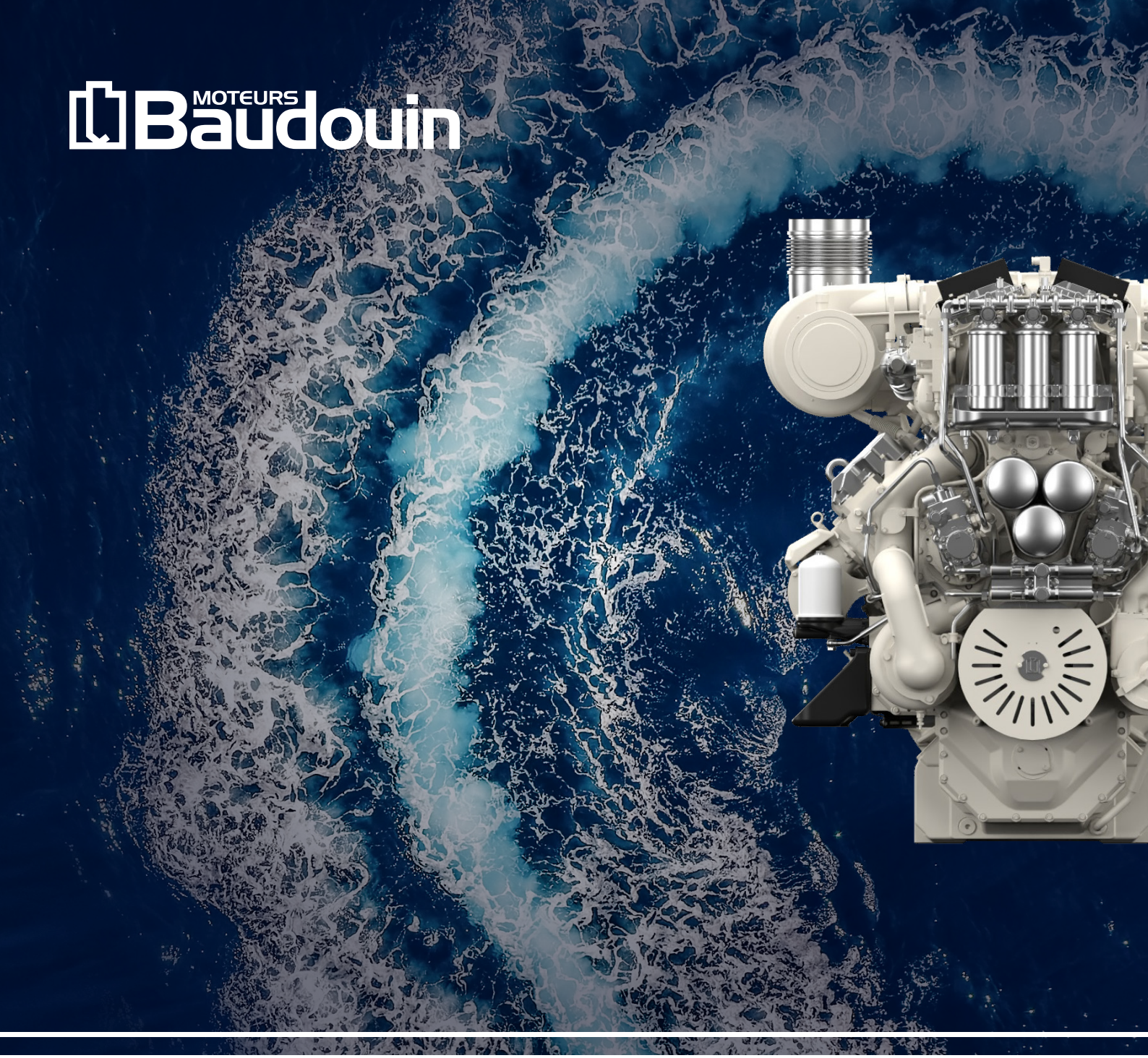
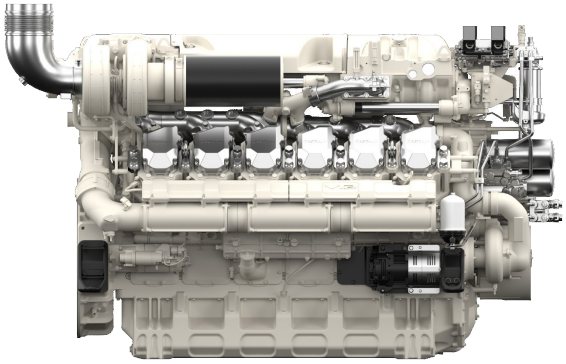


12M26.3

Propulsion Diesel Engine

12M26.3

Propulsion 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

Adheres to strict emission regulations and competitive performance as it is equipped with Most advanced common rail technology and high end injection system (2200 bar)

Efficieient fuel consumption, thanks to the highly efficient turbochargers

Easy maintenance due to individual cylinder heads

Highly reliable key components ensuring longevity

Life cycle cost efficiency with extended mean time between overhauls

Rated power - Fuel consumption

Duty	kW	HP	RPM	Fuel consumption			IMO	EPA
				Optimum value	Rated power			
				g/kWh	g/kWh	l/h		
P3	1215	1650	2300	205	215	311	II	3

* Other power ratings are available on request

	P3
Application	Intermittent
Engine load variations	Important
Average Engine load factor	60%
Annual working time	1000 - 3000 H
Time at full load	2h Each 12h

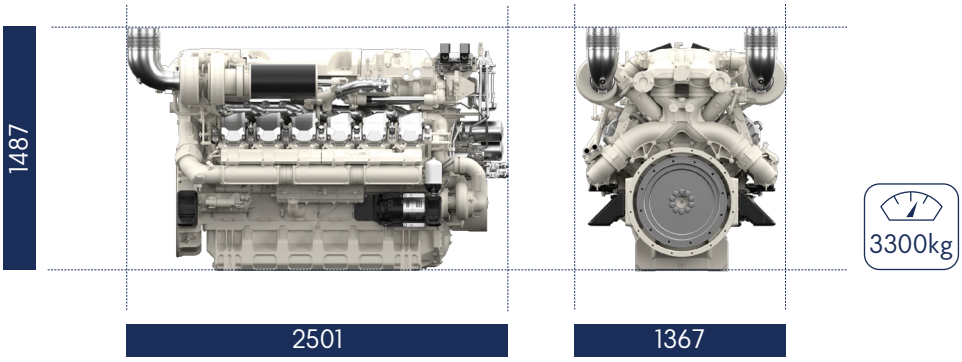
P3 Intermittent Duty

- Seasonal passenger vessels
- Fishing boats
- Pilot boats
- Commercial pleasure boats
- Pump boats
- Displacement sailboats
- Trawlers
- Bow thrusters

12M26.3

Propulsion Diesel Engine

Dimensions and dry weight (mm/kg)

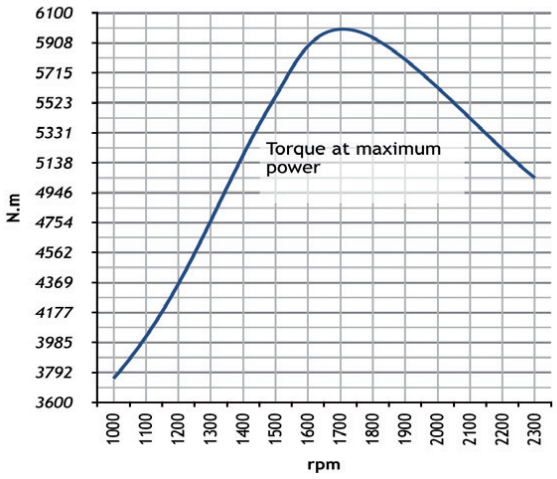


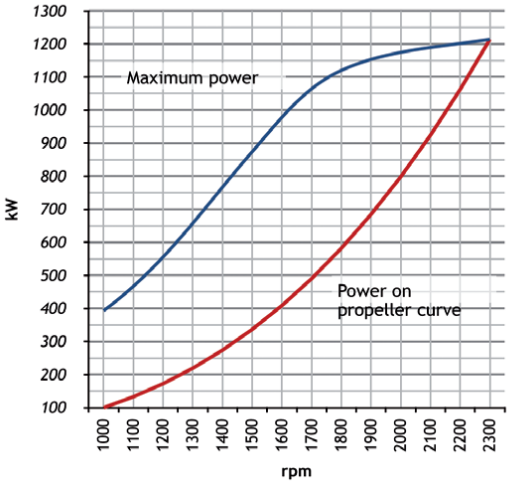
Standard equipment

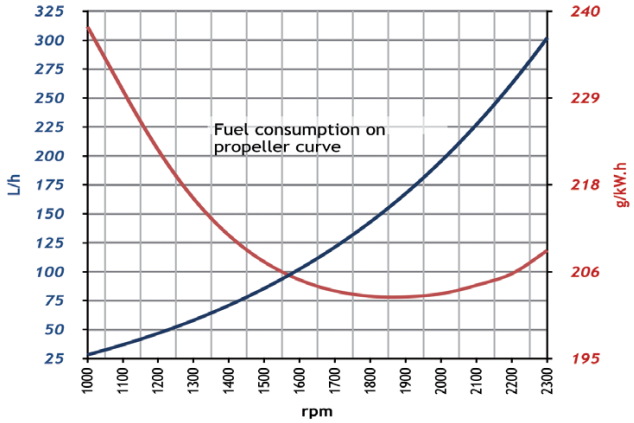
Cooling System	Two - stage cooling circuit with built - in HT thermostatic valve Integrated fresh water expansion tank High efficiency tubular heat exchanger Gear driven centrifugal raw water pump Self priming raw water pump with bronze impeller
Lubrication System	Full flow lube oil filters duplex type 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
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 - inlcuding 12V Electrical rotary actuator

Performance

P3 - 1214 kW - 1650 hp @2300rpm







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	+ 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