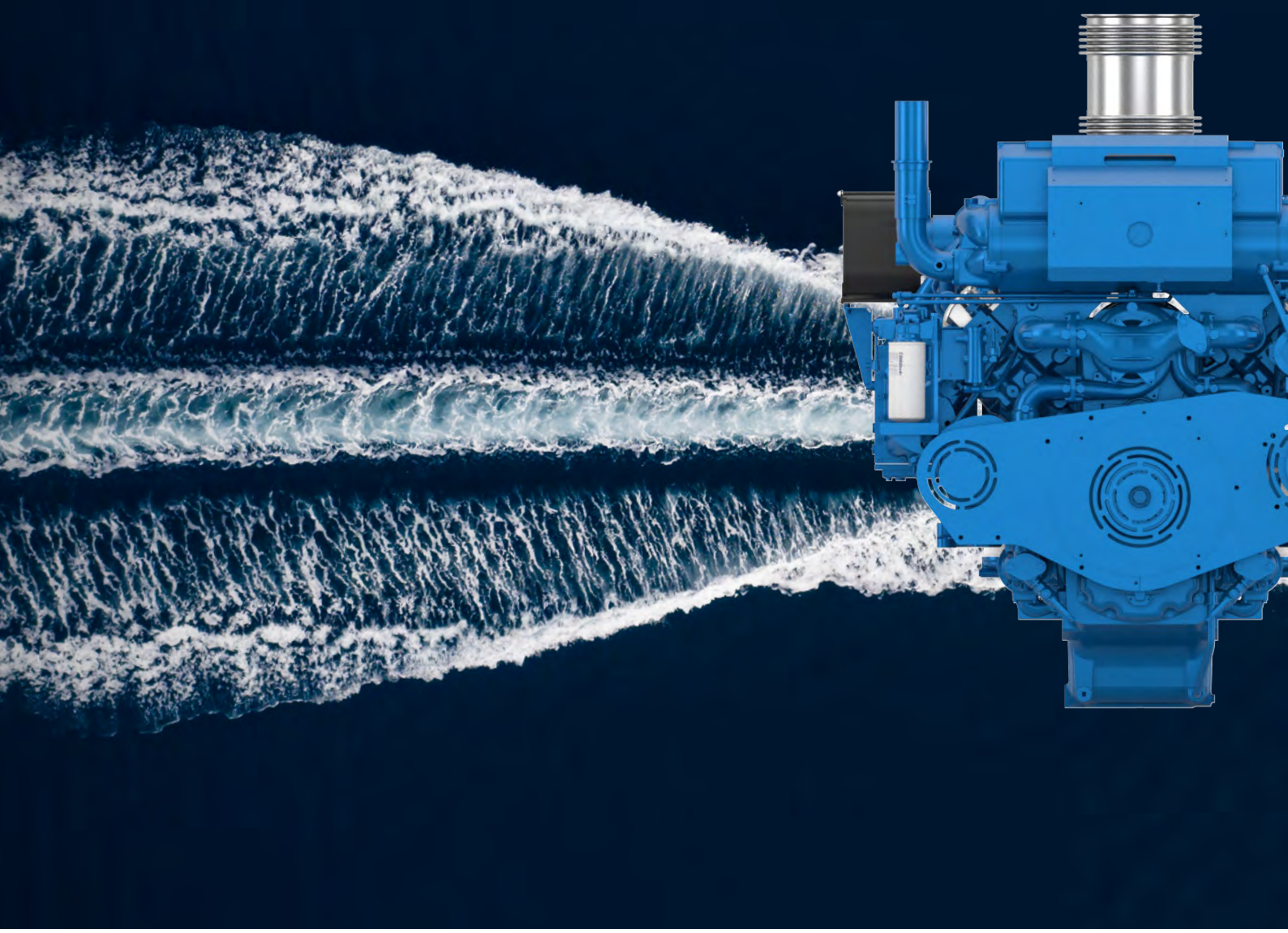
MOTEURS Baudouin

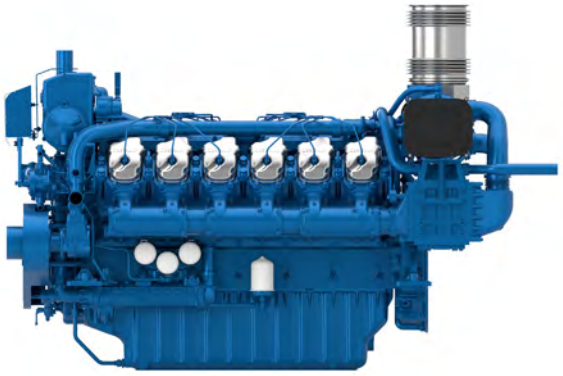


12M26.2

Marine Propulsion engine

12M26.2

Mechanical injection diesel engine



Number of cylinders	12
Bore and stroke (mm)	150 X 150
Total displacement (L)	31.8
Cylinders	V12
Engine rotation	Counter clockwise
Idle speed	650
Flywheel	18"
Flywheel housing	SAE 0

Rated power

Duty	kWm	HP	RPM	Fuel consumption			IMO
				Optimum value	Rated power		
				g/kWh	g/kWh	l/h	
P1	662	900	1800	200	211	166	II
P1	736	1001	1800	207	209	183	II
P2	808	1099	1900	196	210	202	II
P2	883	1201	1950	212	215	226	II

	P1	P2	P3
Application	Unrestricted Continuous	Heavy	Intermittent
Engine load variations	Very Little To None	Continuous	Important
Average Engine load factor	80-100%	30-80%	50%
Annual working time	More Than 5000 H	3000 -5000 H	1000 - 3000 H
Time at full load	Unlimited	8h Each 12h	2h Each 12h

P1 Continuous Duty

- Deep sea trawlers
- Shrimps trawlers
- Sea going tug boats
- River tug boats
- Push boats
- Freighters
- Dredges
- LCT
- Ferries

P2 Heavy Duty

- Deep sea trawlers
- Shrimps trawlers
- Sea going tug boats
- River tug boats
- Push boats
- Freighters
- Dredges
- LCT
- Ferries

P3 Intermittent Duty

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

P4 Light Duty

- Private pleasure boats
- Multi-hull pleasure boats
- Survey or rescue fast vessels
- Military fast vessels.

P5 High performance Duty

- Private pleasure boats
- Multi-hull pleasure boats

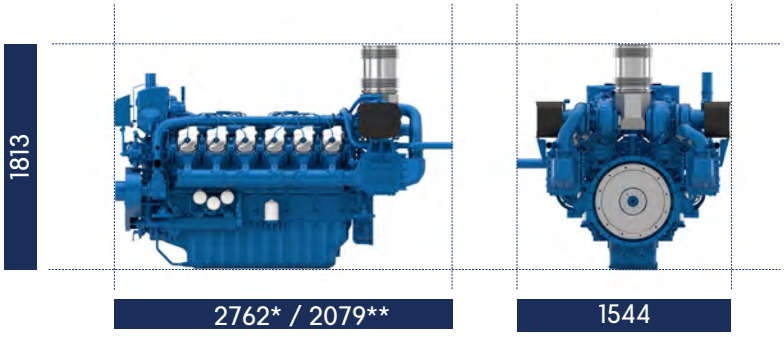
Baudouin's Engine DNA: Genuine Marine Power, Efficiency & Reliability

Our genuine marine engine design is specifically engineered for marine applications, ensuring durability, performance, and seamless integration in the most demanding environments. Designed for easy maintenance, our engines feature individual cylinder heads, allowing for quick servicing and minimal downtime to ensure uninterrupted operations. Built with key components made from highly durable materials, our engines guarantee long-term reliability and endurance in every condition.

12M26.2

Mechanical injection diesel engine

Dimensions and dry weight (mm/kg)



*total
**from flywheel

Standard equipment

Cooling System

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

Lubrication System

Full flow screwable oil filter
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: 24V DC insulated
Electrical starter
Double flow raw water cooled intake air cooler
175A battery charger

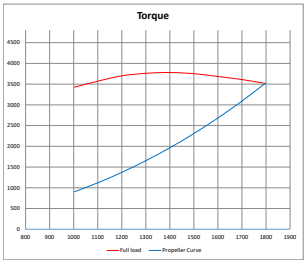
Optional Equipment

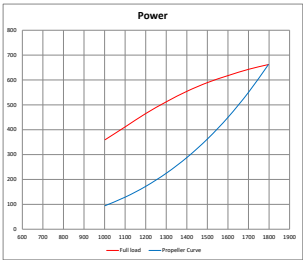
Keel Cooling configuration
Front PTO
Additionnal pulley
Flywheel 14"
Electric drain pump
Elastic pads
Air starter

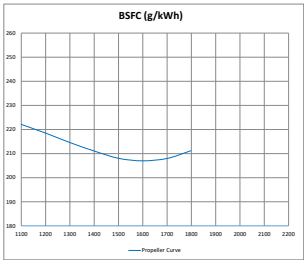
Contact us for further information regarding our options.

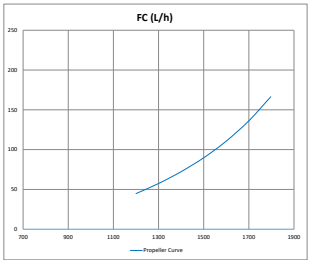
Performance

P1 - 662kW - 1800rpm

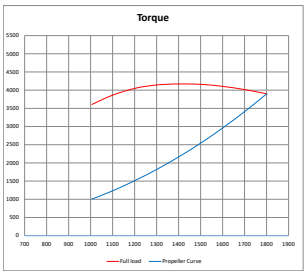


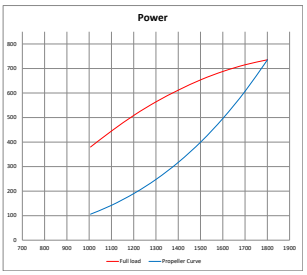


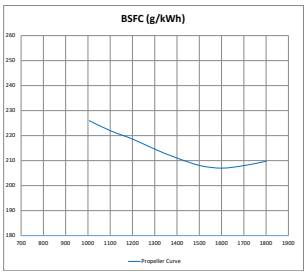


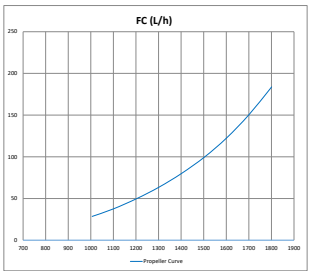


P1 - 736kW - 1800rpm

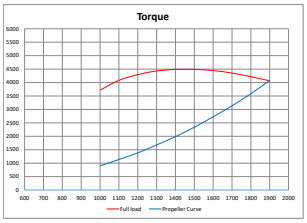


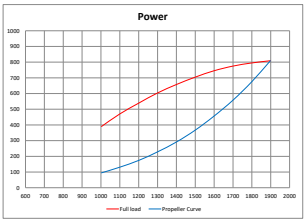


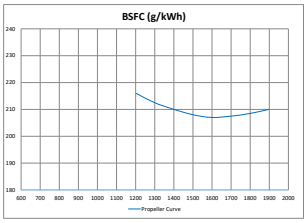


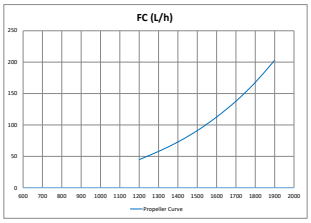


P2 - 808kW - 1900rpm

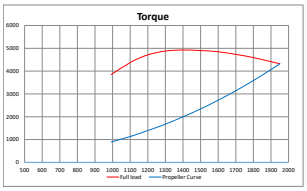


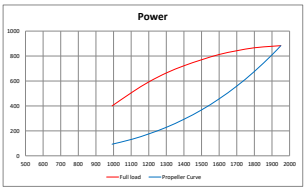


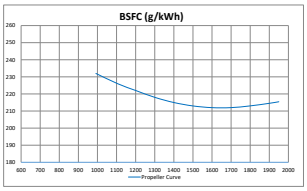


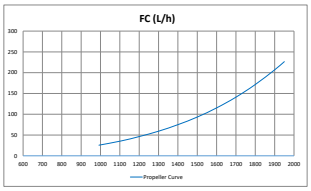


P2 - 883kW - 1950rpm









Power definition

(Standard ISO 3046-1:2002)

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%
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