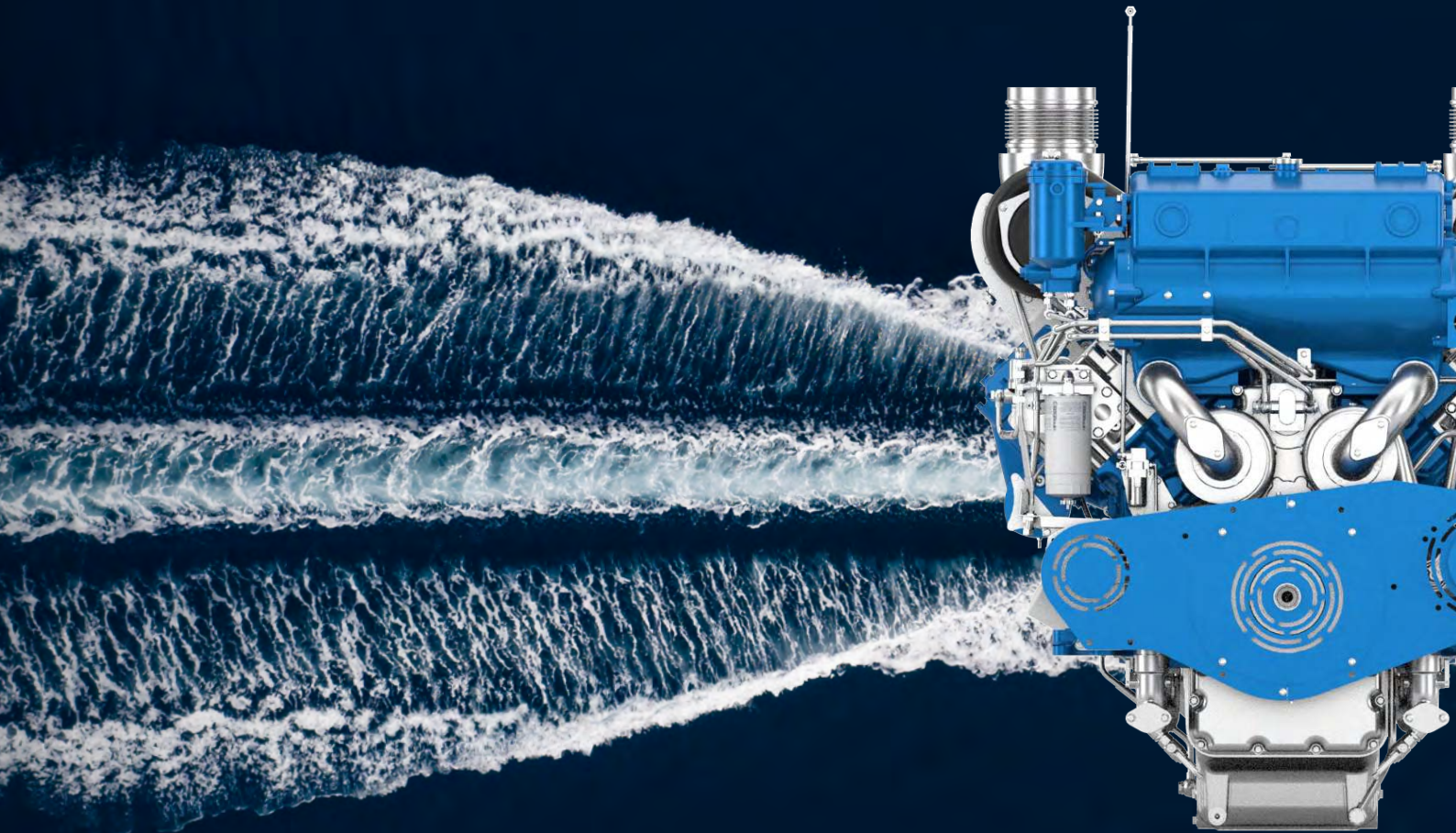
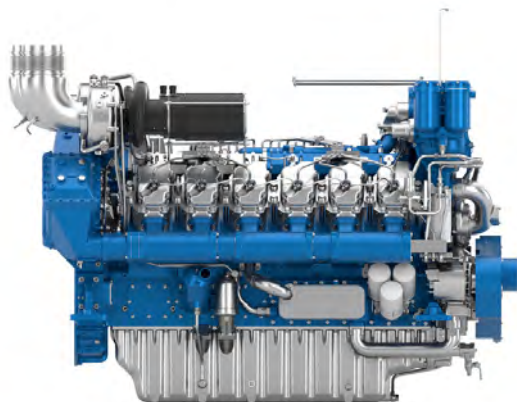




12M33.2

Auxiliary Diesel Engine



Number of cylinders	V12
Bore and stroke (mm)	150 X 185
Displacement (L)	39.2
Engine rotation	Counterclockwise
Idle speed (rpm)	650
Flywheel	18"
Flywheel housing	SAE 0

12M33.2				Fuel Consumption		Emissions
Ratings	kW	rpm	HP	g/kWh	l/h	IMO
PRP	1000	1500	1360	206	245	II
PRP	1104	1800	1501	209	275	II

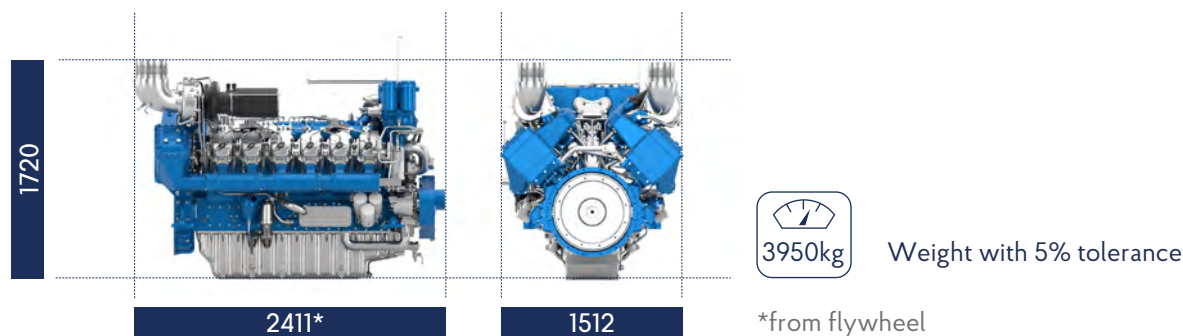
Generator Sets Engines

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
ESP	Emergency Standby Power	Running time 200hrs/year max Load variation 110% of Prime power Average Load factor should not exceed 70% of the engine's ESP rating

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.

Dimensions and dry weight (mm/kg)



Standard equipment

Cooling System

Two-stage cooling circuit with integrated HT thermostatic valve
High efficiency heat exchanger (Tube Type) with integrated fresh water expansion tank
Belt-driven self-priming raw water pump with bronze impeller
Belt-driven centrifugal freshwater pump

Lubrication System

Duplex full-flow spin-on lube oil filters
Freshwater-cooled lube oil cooler
Mechanical oil drain pump

Fuel System

Mechanical fuel injection system
Double-wall fuel injection pipe with leakage detection system
Duplex fuel filters, replaceable while engine is running
Simplex fuel prefilter with water separator
Mechanical fuel priming pump

Intake Air and Exhaust System

Fresh water cooled exhaust gas manifold
High efficiency single stage freshwater-cooled turbocharger
Raw water cooled charge air cooler

Electrical System

24V DC system, Insulated
Electrical starter
Battery Charger 175A

Optional Equipment

Keel Cooling configuration
Elastic pads
Front PTO
Electric oil prelubricating pump

Power definition

(Standard 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	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

3