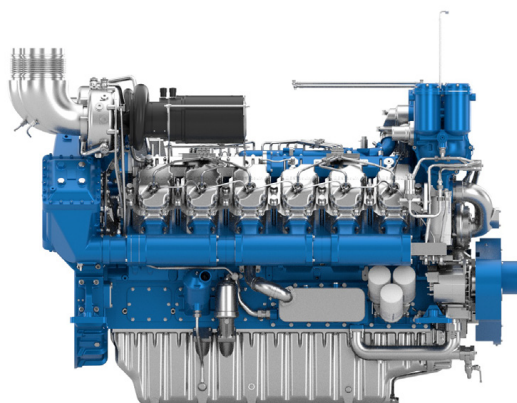


12M33.2

Auxiliary Diesel Engine



Number of cylinders	12
Bore and stroke (mm)	150 X 185
Total displacement (L)	39.2
Cylinders	V12
Engine rotation	Counter clockwise
Idle speed	650
Flywheel	18"
Flywheel housing	SAE 0

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

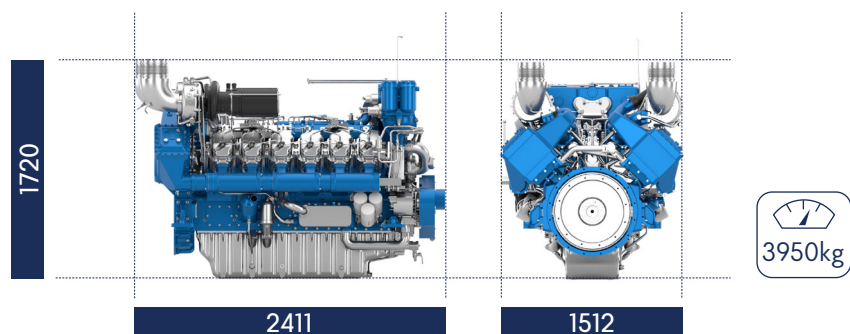
Generator Sets Engines

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

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

Fresh / raw water heat exchanger and expansion tank
Cast iron centrifugal fresh water pump, belt driven
Bronze self-priming raw water pump, belt driven
High efficiency tubular heat exchanger

Lubrication System

Full flow screwable oil filter
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
External fuel pre-filter with water separator

Intake Air and Exhaust System

Fresh water cooled turbo blower
Fresh water cooled exhaust gas manifold

Electrical System

Voltage: 24V DC
Electrical starter on flywheel crown
Engine room and bridge panels
175A battery charger

Optional Equipment

Keel Cooling configuration
Elastic pads
Front PTO
Electric oil prelubricating pump

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%
	(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