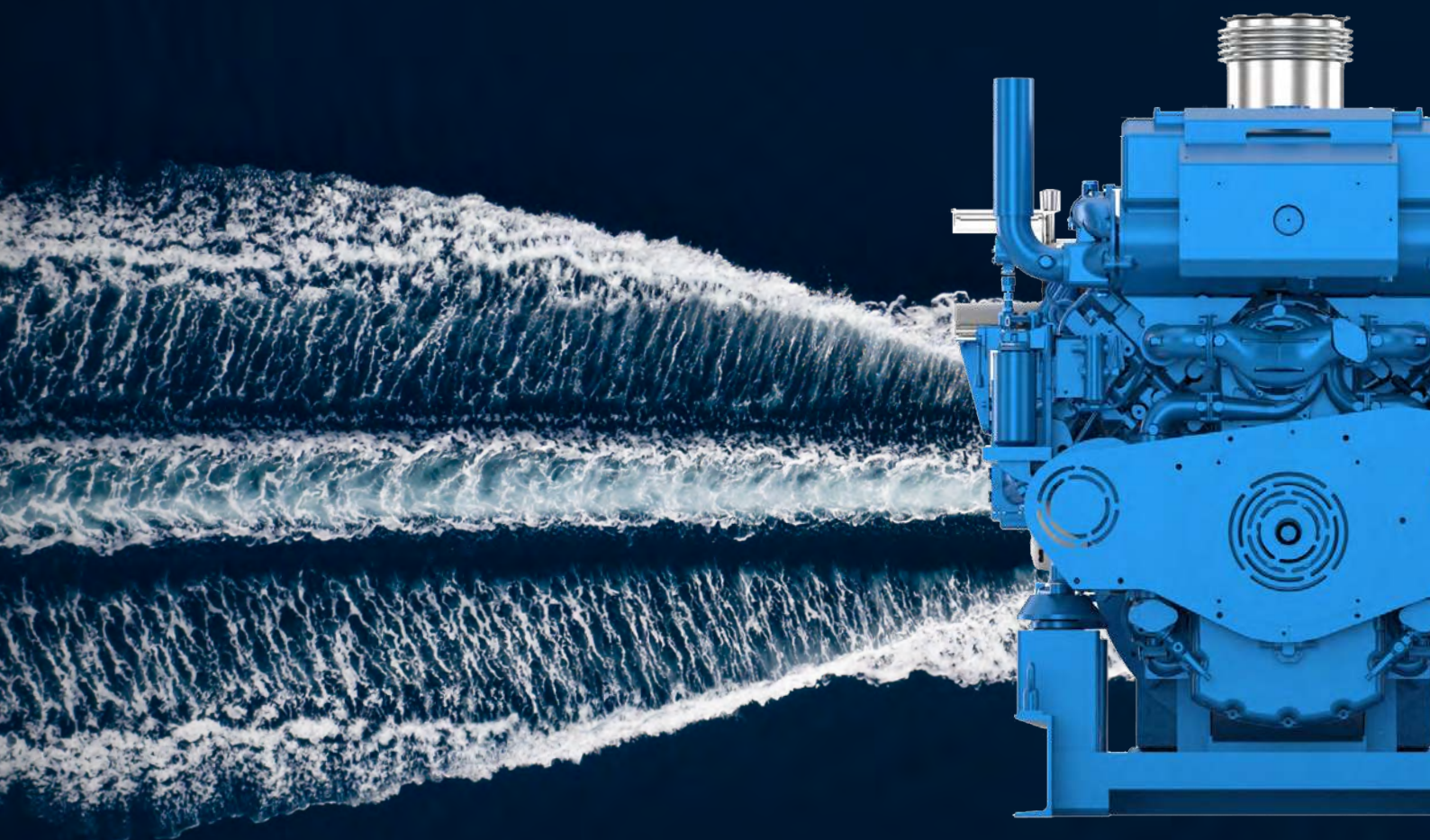
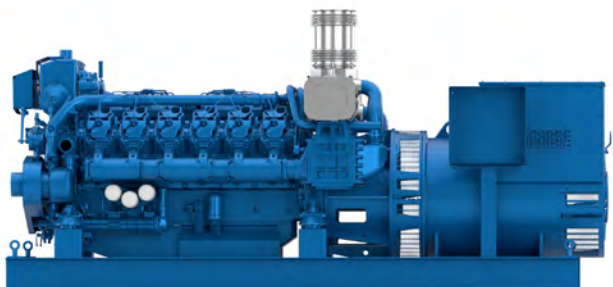




12M26.2

Marine Generator Set



Number of cylinders	V12
Bore and stroke (mm)	150 X 150
Displacement (L)	31.8
Engine rotation	Counterclockwise
Idle speed (rpm)	650
Flywheel	18"
Flywheel housing	SAE 0

Rating table

Ratings					Voltage	Fuel Consumption						Emissions
Rating	Hz	kVA	kWe	rpm		@ 100%		@ 75%		@ 50%		IMO
					V	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	
PRP	50	665	532	1500	380 ~ 415	206	138	231	116	242	81	II
PRP	50	800	640	1500	380 ~ 415	210	169	212	128	223	90	II
PRP	50	915	732	1500	380 ~ 415	199	182	204	140	214	98	II
PRP	50	975	780	1500	380 ~ 415	207	202	207	152	215	105	II
PRP	50	1050	840	1500	380 ~ 415	201	210	201	158	208	109	II

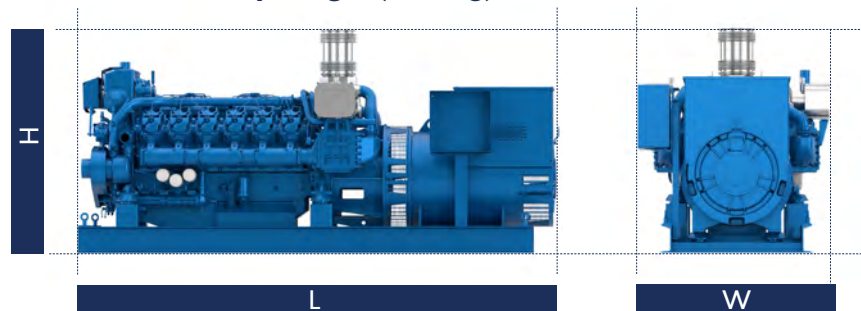
Generator Sets Engines

Power Class		Definition
PRP	Prime Running Power	Unrestricted running time Time at full load $\leq$ 500 hours per year Load variation $\leq$ 75% of the rated power Overload available 10%: 1 hour in a 12-hours period
ESP	Emergency Standby Power	Running time (max): 200 hours per year Load variation $\leq$ 110% of the prime power Average load factor should not exceed 70% of the engine's ESP power 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)



L (mm)	W (mm)	H (mm)	Weight* (Kg)
3717-3961	1578-1581	1839-1889	5398-6400

*Weight with 5% tolerance

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

Double-wall fuel injection pipe with leakage detection system
Duplex fuel filters, replaceable while engine is running
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
Front PTO
Additional pulley

Cabin heating connections
Air starter

Generator

50/60 Hz frequency, 4 poles
Insulation / heating class H/H
Electronic voltage regulation

Brushless excitation
IP23 Protection, marine impregnation
Double bearing

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	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