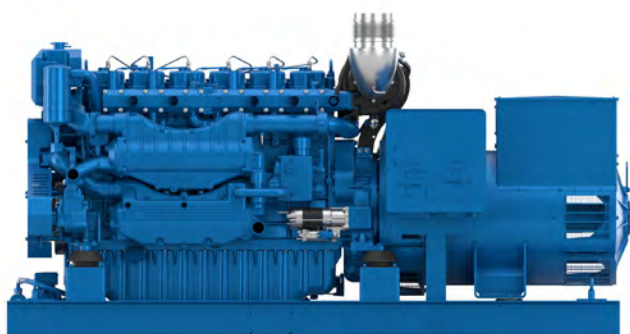




6M33.2

Marine Generator Set



Number of cylinders	6
Bore & Stroke (mm)	150 x 185
Displacement (L)	19.6
Cylinders	L6
Engine rotation	Counter clockwise
Idle speed	700
Fly wheel	14"
Fly wheel housing	SAE 1

Rating table

Ratings					Fuel Consumption						Emissions
					@ 100%		@ 75%		@ 50%		IMO
Rating	Hz	kVA	kWe	RPM	g/kWh	l/h	g/kWh	l/h	g/kWh	l/h	
PRP	50	590	472	1500	198	117	198	88	203	60	II
PRP	60	655	524	1500	215	141	210	103	214	70	II

Prime running power (PRP)

Variable load with mean power calculated on 250 running hours

No restriction on use if mean power $\geq 75\%$ of nominal power

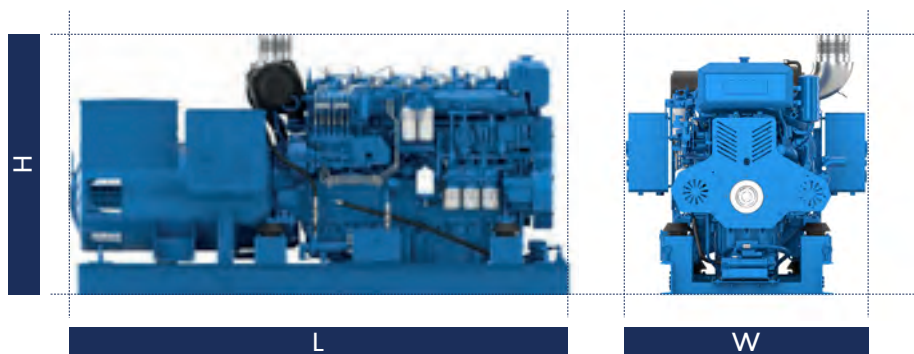
Total operating time at 100% nominal power shall not exceed 500 hours per year

10% overload available 1 hour each 12 hours

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



L (mm)	W (mm)	H (mm)	Weight (Kg)
3056 - 3076	1279 - 1405	1629	3920 - 4104

Standard equipment

Cooling System

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

Lubrication System

Full flow screwable oil filters duplex type
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 while engine running

Intake Air and Exhaust System

Fresh water cooled turbo blower
Fresh water cooled exhaust gas manifold

Electrical System

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

Optional Equipment

Keel Cooling configuration
Front PTO
Electric drain pump

Generator

50/60Hz Frequency, 4 Pole
Insulation / Heating Class H/H
Electronic voltage regulation

Brushless excitation
IP23 Protection, Marine impregnation
Single 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	± 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