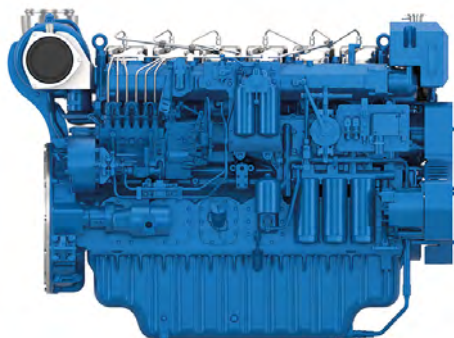


# 6M33.2

Auxiliary Diesel Engine



Number of cylinders	6
Bore and stroke (mm)	150 X 185
Total displacement (L)	19.6
Cylinder	L6
Engine rotation	Counter clockwise
Idle speed	700
Flywheel	14"
Flywheel housing	SAE 1

6M33.2				Fuel Consumption		Emissions
Ratings	kWm	HP	RPM	g/kWh	l/h	IMO
PRP	500	680	1500	198	118	II
PRP	552	751	1800	215	141	II

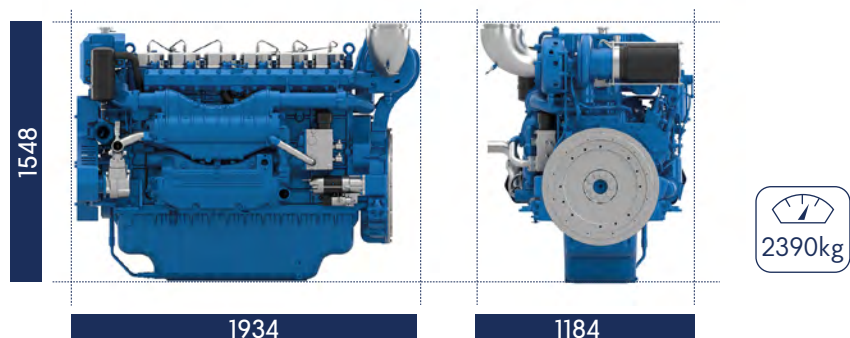
### Generator Sets Engines

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 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  
Elastic pads

## 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