MOTEURS Baudouin

# 6W126

## Marine Generator Set

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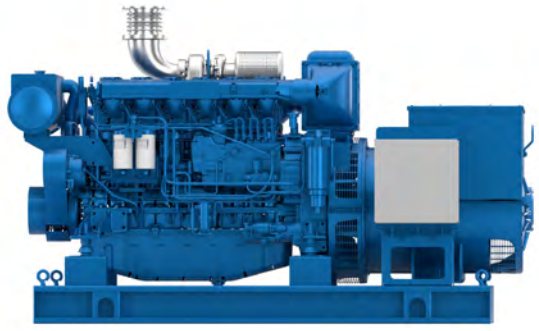

| | |
|---|---|
| Number of cylinders | 6 |
| Bore and stroke (mm) | 126 X 155 |
| Total displacement (L) | 11.6 |
| Cylinders | L6 |
| Engine rotation | Counter clockwise |
| Idle speed | 650 |
| Flywheel | SAE 1 |
| Flywheel housing | 14" |

## 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 | 230 | 184 | 1500 | 191 | 45 | 189 | 33 | 198 | 23 | II |
| PRP | 50 | 260 | 208 | 1500 | 193 | 51 | 198 | 39 | 211 | 28 | II |
| PRP | 50 | 300 | 240 | 1500 | 192 | 58 | 196 | 45 | 208 | 32 | II |
| PRP | 50 | 330 | 264 | 1500 | 195 | 65 | 198 | 50 | 205 | 34 | II |
| PRP | 60 | 275 | 220 | 1800 | 175 | 49 | 172 | 36 | 189 | 27 | II |
| PRP | 60 | 324 | 259 | 1800 | 192 | 63 | 197 | 49 | 212 | 35 | II |
| PRP | 60 | 350 | 280 | 1800 | 203 | 72 | 203 | 54 | 210 | 37 | II |

## Generator Sets Engines

| Power Class | | Definition |
|---|---|---|
| PRP | Prime Power | Unrestricted running time<br>Time at full load ≤ 500hrs/year<br>Load variation ≤ 75% of rated power<br>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.

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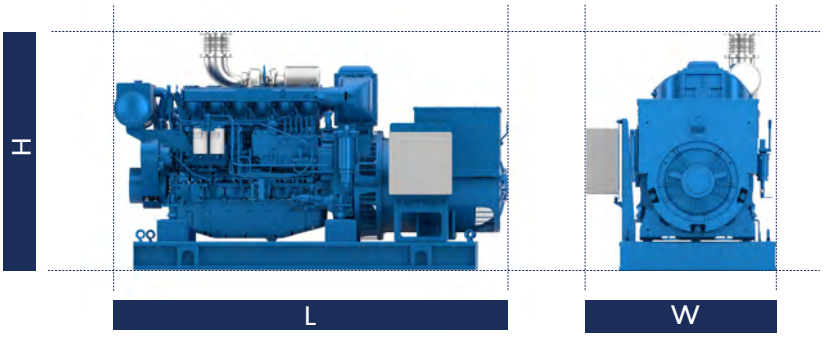
## Dimensions and dry weight (mm/kg)




| L (mm) | W (mm) | H (mm) | Weight (Kg) |
|---|---|---|---|
| 2447 - 2587 | 1219 - 1479 | 1498 | 2030 - 2236 |

## Standard equipment

**Cooling System**

Fresh / raw water heat exchanger with integrated thermostatic valves and expansion tank
Cast iron centrifugal fresh water pump, belt driven
Self-priming raw water pump, mechanically driven

**Lubrication System**

Full flow screwable oil filter
Fresh water cooled lube oil cooler

**Fuel System**

Duplex fuel filters replaceable engine running
Water separator
Double wall injection bundle

**Intake Air and Exhaust System**

Exhaust gas manifold cooled by the engine fresh water
Turbo blower with insulated turbine housing
Low water temperature cooled intake air cooler

**Electrical System**

Voltage 24Vdc
Electrical starter on flywheel crown
55A battery charger

**Optional Equipment**

Keel Cooling configuration
Front PTO
Wet exhaust

**Generator**

50/60 Hz frequency, 4 poles
Insulation / heating class H/H
Electronic voltage regualtion
Brushless excitation
IP23 Protection, marine impreganation
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 |



Contact us for further information regarding our options.