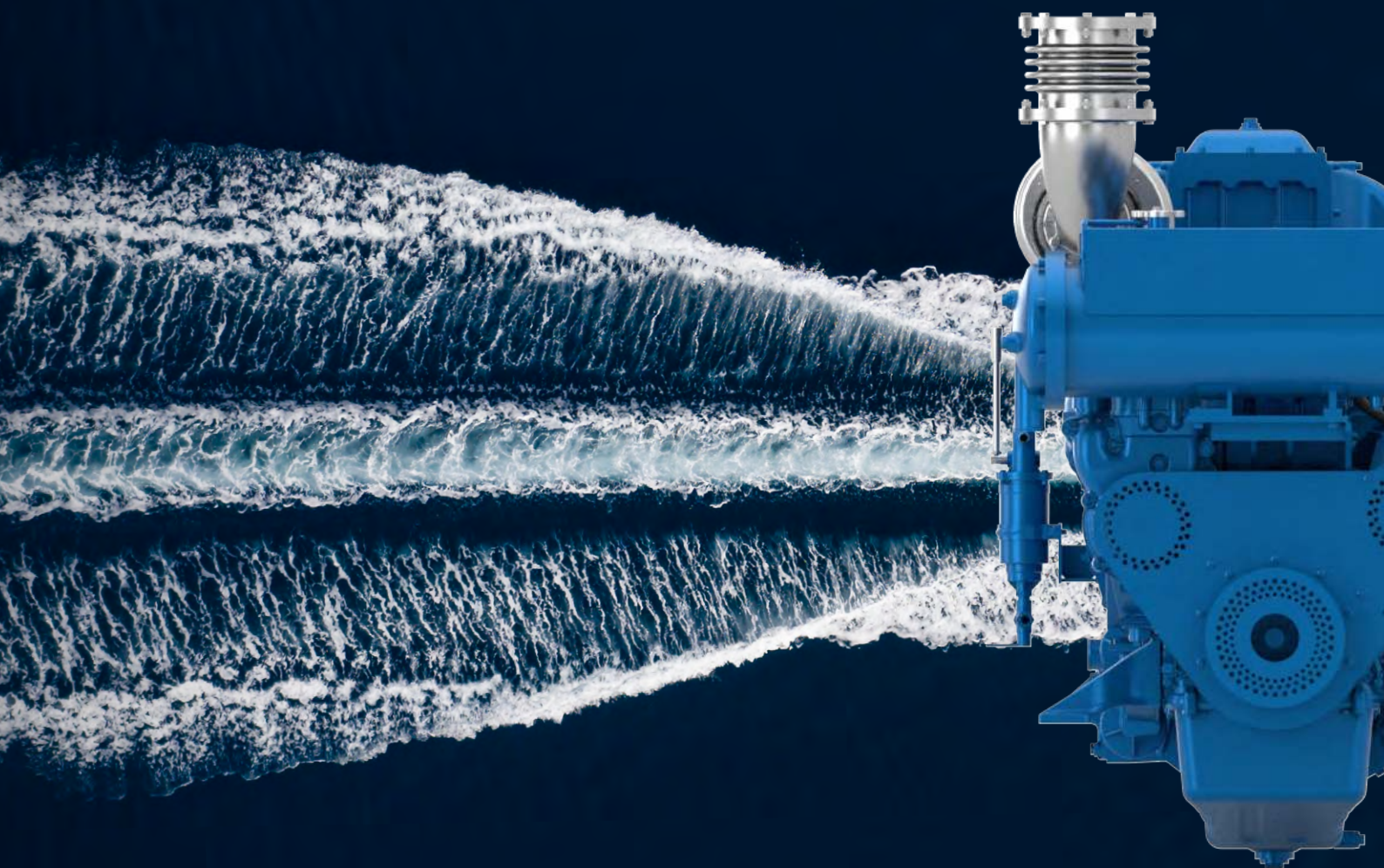




6M16S

Auxiliary Diesel Engine



Number of cylinders	L6
Bore and stroke (mm)	126 x 130
Displacement (L)	9.7
Engine rotation	Counterclockwise
Idle speed (rpm)	650
Flywheel	14"
Flywheel housing	SAE 1

6M16S				Fuel Consumption		Emissions
Ratings	kW	rpm	HP	g/kWh	l/h	IMO
PRP	204	1500	277	190	46	II
PRP	240	1800	326	198	57	II

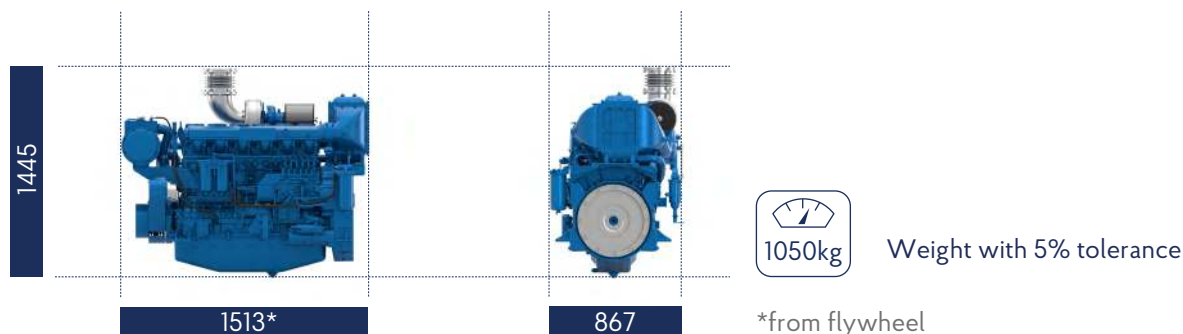
Generator Sets Engines

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
ESP	Emergency Standby Power	Running time 200hrs/year max Load variation 110% of Prime power Average Load factor should not exceed 70% of the engine's ESP 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)



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
Gear-driven self-priming raw water pump with rubber 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

Mechanical fuel injection system
Double-wall fuel injection pipe with leakage detection system
Duplex fuel filters, replaceable while engine is running
Simplex fuel prefilter with water separator
Mechanical fuel priming pump

Intake Air and Exhaust System

Dry exhaust manifold
High efficiency dry-type turbocharger with heat insulation
Low water temperature cooled intake air cooler

Electrical System

24V DC system, Insulated
Electrical Starter
Battery Charger 55A

Optional Equipment

Keel Cooling configuration
Front PTO
Wet exhaust
Elastic pads

Power definition

(Standard ISO 3046/1 - 1995(F))

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