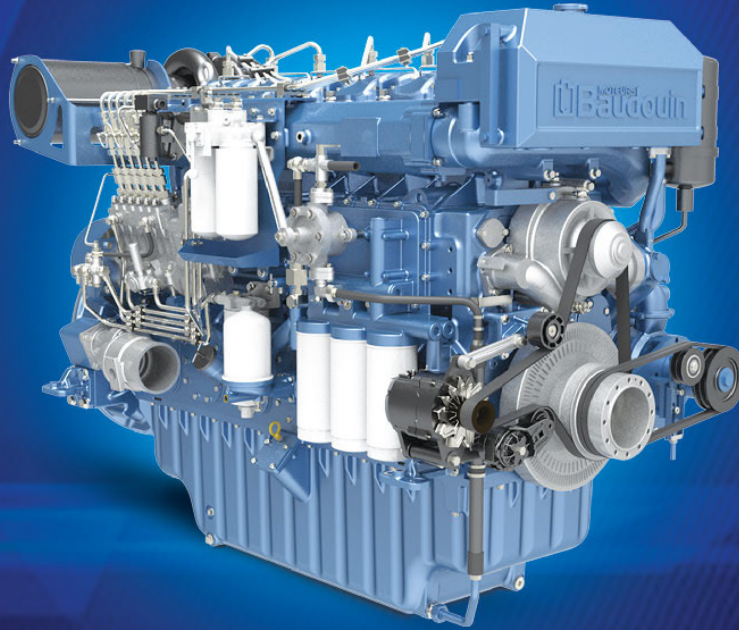


6M33 MARINE ENGINE SERIES



For over 100 years, Société des Moteurs Baudouin has been manufacturing the highest quality engines for marine, power generation and a host of other applications. The continuous need to provide reliable and durable engines for land-based power generation, and the high-seas have led to BAUDOUIN being the preferred partner by customers, successfully serving this market since 1918. Our esteemed clientele includes the navy and coastguard worldwide for powering vessels, as well as for marine generating set applications.

The BAUDOUIN range of marine engines extend from 550 HP to 1650 HP and are manufactured, assembled, distributed and serviced by SHIG INDIA based at Pune, Maharashtra.

Engine features :

- Cast iron cylinder block with rugged body construction designed to minimize vibrations
- Hardened steel forged crankshaft with induction hardening
- Cast Iron dry liners, lube oil cooled aluminium alloy pistons with high performance piston rings
- Separate cast iron cylinder heads for ease of maintenance
- Full flow duplex type oil filters along with lube oil cooling system to maintain optimum temperature
- Simple P type in-line injection pump.
- Duplex fuel filter with water separator to protect your engine
- Air intake, exhaust manifold and turbocharger provided with shield to isolate heat
- Highly integrated heat exchanger & intercooler with compact design

Engine basic data	Marine Engine- 6M33 Series	
Engine Model	6M33C650-18E201	6M33C750-18E201
Rated power (hp)	650	750
Rated power (kw)	478	550
Rated speed (rpm)	1800	1800
Max. Torque Nm @ RPM	3011 @ 1400	3720 @ 1400
Rotating direction (Facing flywheel end)	Anticlockwise	
Bore X Stroke (mm)	150 x 185	
Displacement (L)	19.6	
No. of Cylinders	6 - Inline	
Aspiration	Turbocharged Intercooled	
Power output size	SAE1/14	
Compression ratio	15:01	
Emission standard	IMO Tier II	
Certification	IRS/CCS	
Performance data		
Fuel consumption (g/kW.h)	<198	
Lubrication system		
Oil sump capacity (L)	60.5	
Oil consumption ratio	0.4%	
Fuel System		
Injection pump type/Standard configuration	Mechanical pump	
Electrical system		
Starting system voltage	24V DC	
Cooling system		
Total Coolant capacity (L)	81	
Recommended coolant specification	Premix with 33% Glycol	
Dimensions and Weight		
Net weight (kg)/Dry weight	2390	
Length (mm)	1870	
Width (mm)	1000	
Height (mm)	1400	

Power definition

Standard ISO 3046/1 -1995(F)

Reference conditions

Ambient temperature	25 °C
Barometric pressure	100 kPa
Relative humidity	30%
Raw water temperature	25 °C

Fuel

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	± 5 %

Lube oil

Recommended grad	CH4+15W40
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Specifications are subject to change due to continuous improvement and are for reference only. All models are with 10% overload extra on rated power. For other power ratings, kindly contact us as per details given below.

About SHIG India:

SHIG India, a subsidiary of the USD 36 Billion SHIG group offers diesel and gas engines from 18 HP to 1500 HP for various applications including marine, G-drive, Industrial, truck and bus segments. The footprint of the SHIG group extends to worldwide operations located in China, USA, France, Italy, Germany, Singapore and India, with offices in 35 countries and over 250 authorized service stations worldwide.

SHIG INDIA
Engineering your power

Marketed and serviced by

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