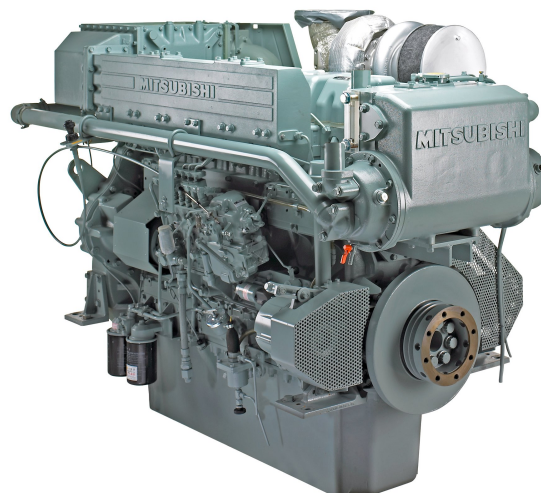


MITSUBISHI MARINE ENGINE

S6B3-T2MPTK2L (Package)

448 kW | Marine Propulsion

IMO-T2

Reliable mechanical engine


ENGINE DATA			
Engine model	S6B3-T2MPTK2L (Package)	Method of operation	6-cylinder, 4-stroke, water-cooled diesel engine, with direct-injection, turbocharger, air-cooler, built-up heat exchanger and sea water pump
Cylinder configuration	6 in-line		
Bore x stroke (mm)	135 x 170		
Total displacement (l)	14.6		
Compression ratio	14.2:1	Cooling method	separate high and low temperature cooling circuit; charge air cooler directly cooled by sea water (intercooler)
Flywheel and housing	SAE 14 / SAE 10		
Dry weight (kg)	1400		
Aspiration	Turbocharged and after-cooled		

RATING ^{1,2}	
Duty Class	MD
Output (kW)	448
Output (bhp)	600
Engine speed (rpm)	2001
Average fuel consumption (l/h)³	77.9
Running Hours	3000 - 5000
Propulsion System	FPP
Emissions	IMO-T2

¹ For rating definitions, please see our website.

² Atmospheric condition: barometric pressure: 100 kPa, ambient temperature: 298 K, relative humidity: 30%.

³ Fuel consumption is based on ISO3046/1 with +5% tolerance at rated power, weighing 836 g/liter and a LHV of 42,780 kJ/kg, excluding pump. Average fuel consumption recommended by ISO8178 (E3 standard test cycle for propulsion application FPP).

STANDARD EQUIPMENT

GOVERNOR

- Mechanical governor, RSUV type

FUEL SYSTEM

- Flexible fuel supply - and return hoses
- Fuel feed pump
- Fuel fine filters, change-over type
- Fuel injection pump
- Dual walled high-pressure fuel lines
- Fuel injectors
- Fuel oil / water separator (filter)

LUBRICATING OIL SYSTEM

- Wet type oil pan with inspection covers
- Oil pressure pump, gear driven
- Lubricating oil filters, change-over type
- By-pass filter
- Oil cooler with thermostat
- Lubricating oil drain pump (wing pump)
- Piston cooling through oil injectors
- Oil drain connection

STARTING AND ELECTRICAL SYSTEM

- Electric starter (Earth floated 24V)
- Alternator, 30 Amps.
- Stop solenoid (ETS)
- Battery switch

COOLING SYSTEM

- Flexible pipe sets for seawater
- Heat exchanger / header tank, mounted on engine, including piping and level switch and seawater pump (TK)
- Sea water filter

AIR INLET SYSTEM

- Mitsubishi turbocharger
- Air inlet silencer with pre-cleaner
- Inlet air aftercooler or intercooler
- Inlet manifolds or ducts

EXHAUST SYSTEM

- Flexible expansion joint

OTHER

- Mounting brackets for rigid mounting
- Flywheel and housing, SAE standard
- Torsional vibration damper

OPTIONAL EQUIPMENT

CERTIFICATION / CLASSIFICATION

- Available in cooperation with major classification societies.

MONITORING SYSTEM

- Monitoring system (incl. sensors on engine, wiring to junction box, 1 x engine room panel, 1 wheel house panel)

More information

Contact your local dealer for more information regarding Mitsubishi Marine Engines and optional equipment or, visit www.mtee.eu