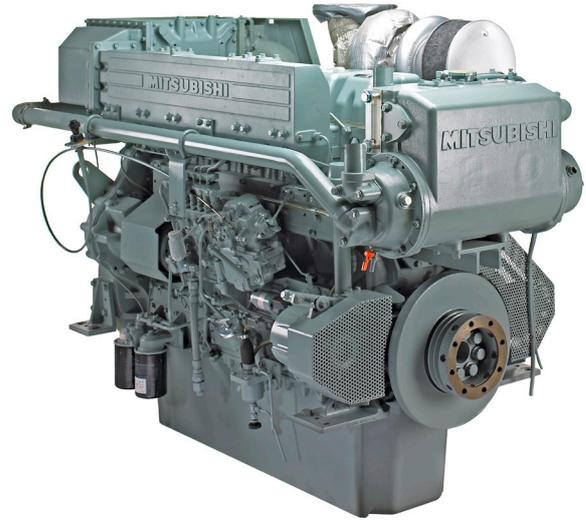


**S6B3-MPTK (PACKAGE)**  
 345 - 380 kW | PROPULSION  
 NOT REGULATED

# MITSUBISHI MARINE ENGINE

RELIABLE MECHANICAL ENGINE



## ENGINE DATA

Engine model	S6B3-MPTK (package)
Cylinder configuration	6 in-line
Total displacement	14.6
Bore x stroke (mm)	135 x 170
Flywheel and housing	SAE 14 / SAE 10
Compression ratio	14.2:1
Dry weight (kg)	1650

Method of operation

4-stroke, water-cooled diesel engine, with direct-injection, turbocharger, air-cooler, built-up heat exchanger and sea water pump

Cooling method

separate high and low temperature cooling circuit; charge air cooler directly cooled by sea water (intercooler)

## RATING<sup>1,2</sup>

Rating	UCD	UCD	UCD	HD
Output (kW)	242	308	345	380
Output (bhp)	325	413	463	510
Engine speed (rpm)	1800	1940	1940	2000
Emissions	not regulated			

<sup>1</sup> For rating definitions, please see our website.

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

## STANDARD AND OPTIONAL EQUIPMENT

### STANDARD EQUIPMENT

#### Governor (mandatory)

- 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 including alarm switch fuel leakage
- Fuel injectors
- Fuel oil / water separator (filter)

#### Lubricating oil system

- Oil drain connection
- 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
- Piston cooling through oil injectors
- Lubricating oil drain pump (wing pump)

#### Starting and electrical system

- Electric starter (Earth floated 24V)
- Alternator
- Stop solenoid (ETS)
- Battery switch

#### Cooling system

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

#### Monitoring system

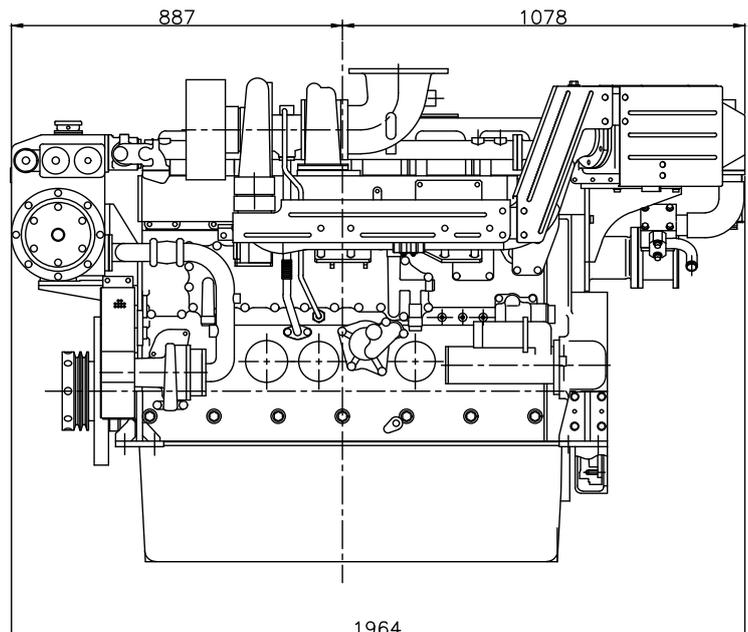
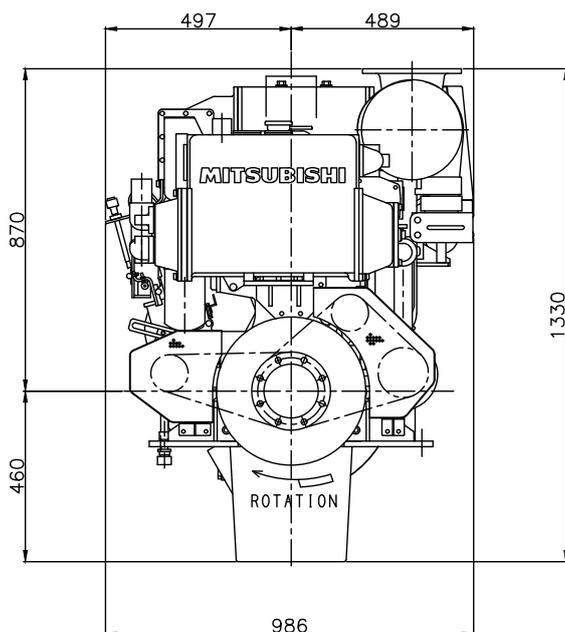
- Monitoring system (incl. sensors on engine, wiring to junction box, 1 x engine room panel, 1 wheel house panel).

### OPTIONAL EQUIPMENT

#### Classification

We are cooperating with many of the major classification societies.

## DIMENSIONS



#### More information

Contact your local dealer for more information regarding Mitsubishi Marine Engines and optional equipment or, visit [www.mtee.eu](http://www.mtee.eu)

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