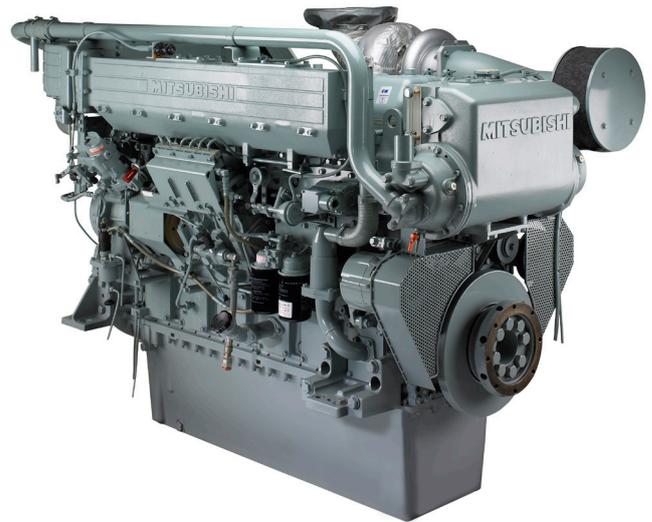


## S6A3-T2MPTK3LM (PACKAGE)

502 - 558 kW | PROPULSION  
 IMO TIER II

# MITSUBISHI MARINE ENGINE

### RELIABLE MECHANICAL ENGINE



#### ENGINE DATA

Engine model	S6A3-T2MPTK3LM (package)
Cylinder configuration	6 in-line
Total displacement	18.56
Bore x stroke (mm)	150 x 175
Flywheel and housing	SAE 14 / SAE 10
Compression ratio	14.5:1
Dry weight (kg)	2100

#### 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	HD	MD
Output (kW)	502	558
Output (bhp)	673	748
Engine speed (rpm)	1900	1900
Emissions	IMO Tier II	

<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)

- Hydraulic governor, woodward type PSG

#### 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

- 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, 30 Amps.
- 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

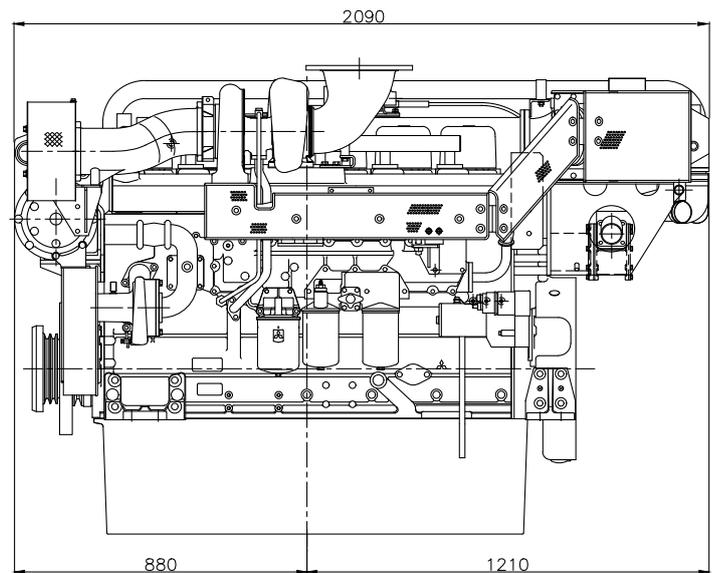
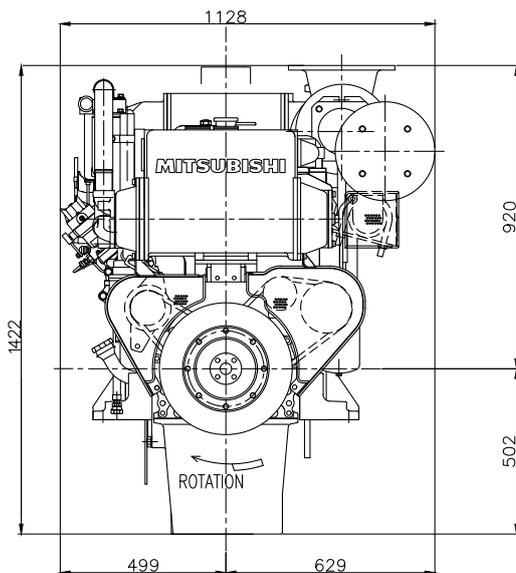
- Monitoring system (incl. sensors on engine, wiring to junction box, 1 x engine room panel, 1 wheel house panel)

### 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)