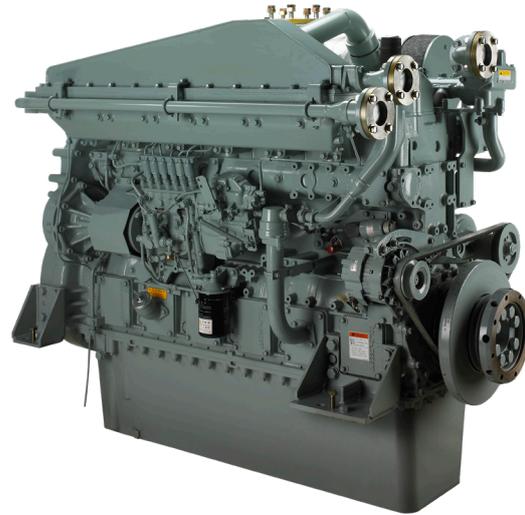


**S6A3-MPTAW**  
221 - 385 kW | PROPULSION  
IMO TIER II

# MITSUBISHI MARINE ENGINE

RELIABLE MECHANICAL ENGINE



## ENGINE DATA

Engine model	S6A3-MPTAW
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)	1900

## Method of operation

4-stroke, water-cooled diesel engine, with direct-injection, turbocharger and air-cooler

## Cooling method

separate high and low temperature cooling circuit; charge air cooler by closed freshwater system controlled by thermostat (intercooler)

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

Rating	UCD	HD	MD
Output (kW)	221	360	385
Output (bhp)	296	483	516
Engine speed (rpm)	1530	1840	1800
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)

- 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

#### 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

#### Starting and electrical system

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

#### Cooling system

- Freshwater pump including piping and thermostat (HT)
- Front pulley PTO standard

#### Air inlet system

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

#### Other

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

### OPTIONAL EQUIPMENT

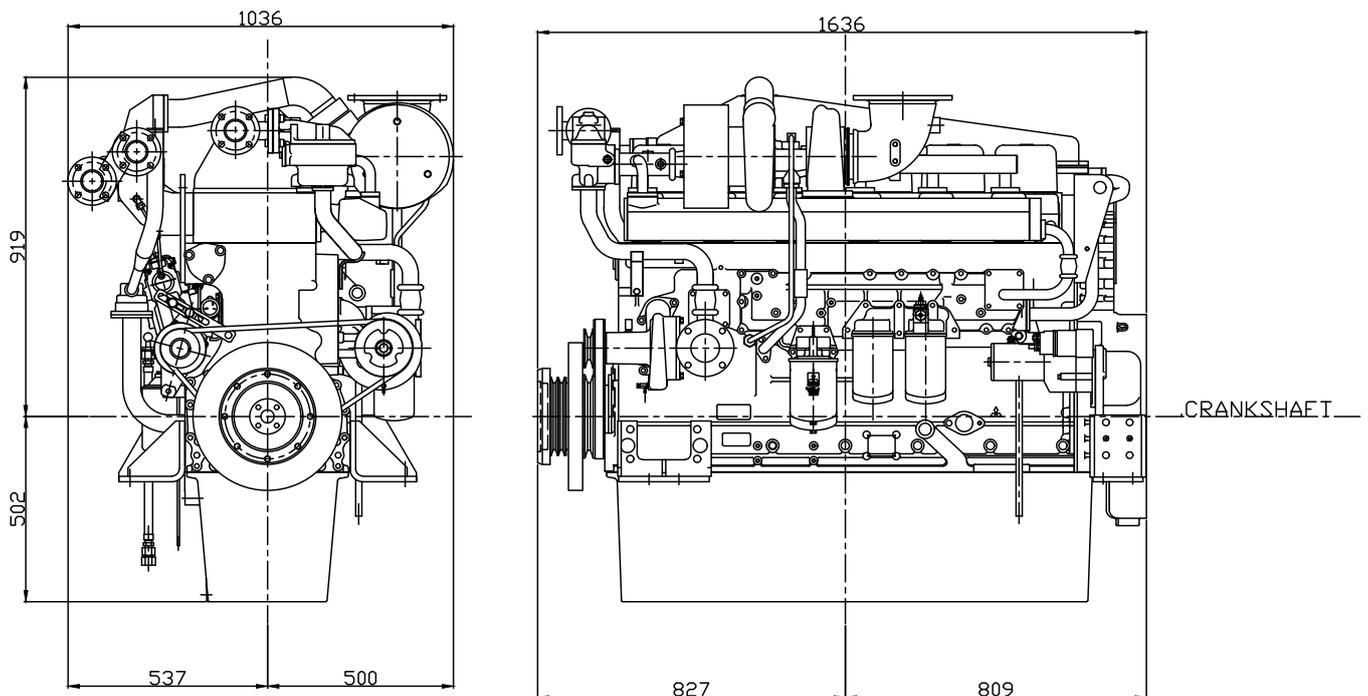
#### Classification

We are cooperating with many of the major classification societies.

#### Exhaust system

- Stainless steel insulation (SOLAS)
- Flexible expansion joint

## 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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