

S6R2-T2MPTAW3
460 - 691 kW | PROPULSION
IMO TIER II

MITSUBISHI MARINE ENGINE

RELIABLE MECHANICAL ENGINE



ENGINE DATA

Engine model	S6R2-T2MPTAW3
Cylinder configuration	6 in-line
Total displacement	29.96
Bore x stroke (mm)	170 x 220
Flywheel and housing	SAE 18 / SAE 0
Compression ratio	14.0:1
Dry weight (kg)	2960

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^{1,2}

Rating	HD	HD	HD	HD	HD
Output (kW)	460	480	555	645	691
Output (bhp)	617	644	744	865	927
Engine speed (rpm)	1350	1350	1350	1400	1406
Emissions	IMO Tier II				

¹ For rating definitions, please see our website.

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

STANDARD AND OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

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

Exhaust system

- Stainless steel insulation (SOLAS)

Other

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

Fuel system

- Drip tray fuel filters

Lubricating oil system

- Lubricating oil drain pump
- Pre-lubrication oil system
- Drip tray fuel filters

Monitoring system

- Complete digital monitoring system
- Sensor package; sensors mounted on engine with terminal box

Cooling system

- Cooling system with fresh water pump, V-belt including piping and thermostat (LT)
- Cooling water heater with circulation pump

Exhaust system

- Flexible expansion joint

OPTIONAL EQUIPMENT

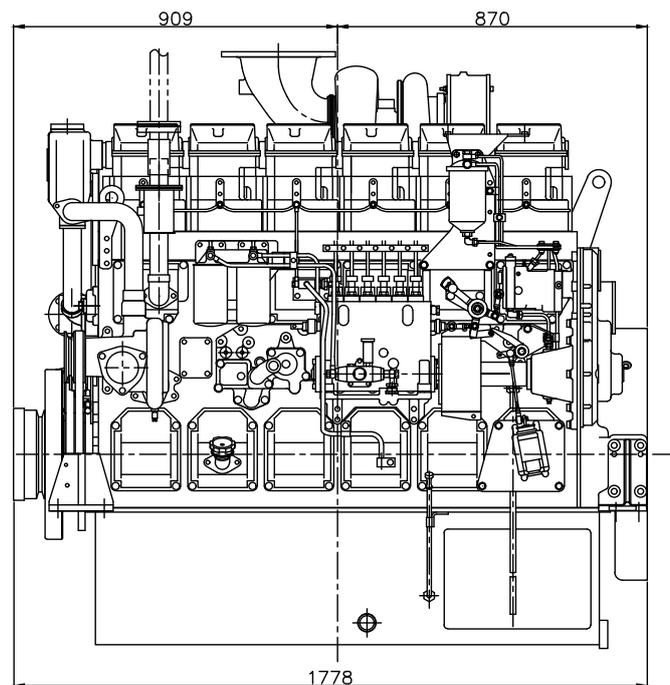
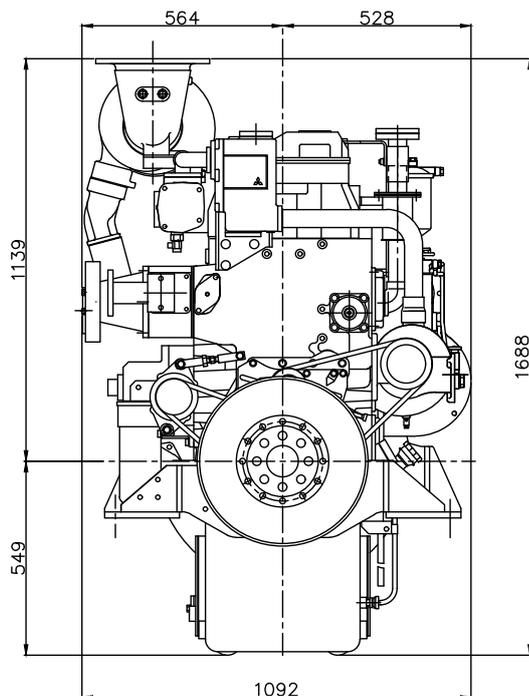
Classification

We are cooperating with many of the major classification societies.

Governor (mandatory)

- Hydraulic governor
- Electronic governor (not available for single engine propulsion)

DIMENSIONS



More information

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

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