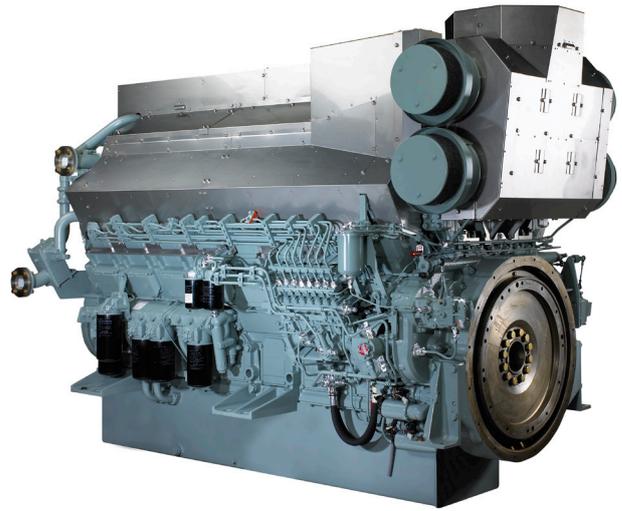


S16R2-T2MPTAW
 1450 - 1885 kW | PROPULSION
 IMO TIER II

MITSUBISHI MARINE ENGINE

RELIABLE MECHANICAL ENGINE



ENGINE DATA

Engine model	S16R2-T2MPTAW
Cylinder configuration	16/60°V
Total displacement	79.9
Bore x stroke (mm)	170 x 220
Flywheel and housing	SAE 21 / SAE 00
Compression ratio	14.0:1
Dry weight (kg)	7750

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	UCD	HD	MD
Output (kW)	1450	1600	1885
Output (bhp)	1944	2146	2528
Engine speed (rpm)	1350	1400	1500
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

Governor (mandatory)

- Hydraulic governor

Fuel system

- Flexible fuel supply - and return hoses
- Fuel feed pumps
- Fuel fine filters, change-over type
- Fuel injection pumps
- 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)
- Cooling water pipe on thermostat housing (HT)
- Big capacity front PTO

Air inlet system

- Mitsubishi turbochargers
- Air inlet silencers with pre-cleaner
- Inlet air aftercoolers or intercoolers
- Inlet manifolds or ducts

Exhaust system

- Stainless steel insulation (SOLAS)

Other

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

Lubricating oil system

- Pre-lubrication oil system
- Drip tray oil filters

Monitoring system

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

Cooling system

- Cooling water heater with circulation pump

Exhaust system

- Flexible expansion joint

OPTIONAL EQUIPMENT

Classification

We are cooperating with many of the major classification societies.

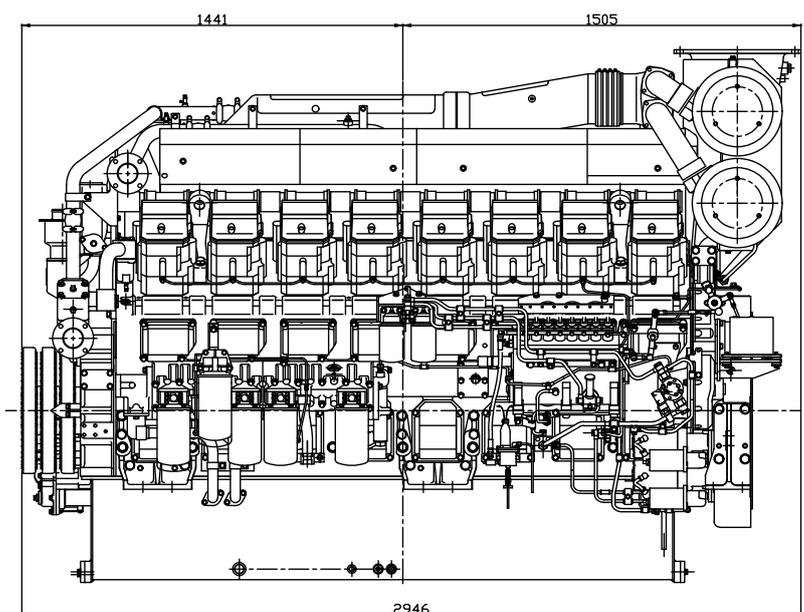
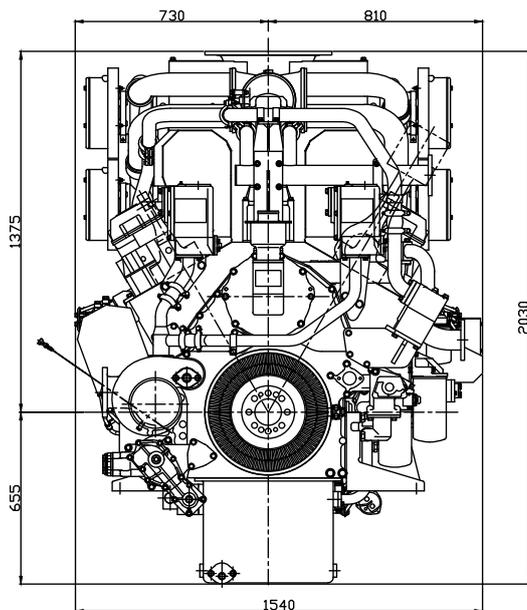
Governor (mandatory)

- Electronic governor (not available for single engine propulsion)

Fuel system

- Drip tray fuel filters

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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