Economic Operation
All Mitsubishi engines are designed and built to deliver performance, dependability and fuel efficiency. From the combustion chamber design to the fuel injection technology, to the turbocharger and the advanced cooling system...everything has been perfectly balanced to provide highly reliable operation and optimum fuel consumption across the entire power curve.

Easy Maintenance
With Mitsubishi’s S6R marine engine, maintenance is very easy. Each cylinder has its own cylinder head and the engine has large inspection covers on the crankcase and oil pan. No auxiliary component requires separate lubrication, whether it’s the fuel injection pump, the governor, the water pump or the turbocharger.

Approved by All Major Classification Societies
At our ISO certified manufacturing facilities, every Mitsubishi S6R diesel engine is built to meet the highest quality standards, as recognized by Lloyd’s Register of Shipping and other major international marine classification societies.

Environmental Compatibility
Mitsubishi offers a full line-up of engines that comply with IMO and EPA emissions standards.

Local Support Around The Globe
A team of support specialists is available worldwide to ensure that service and maintenance are performed without delay.
Mitsubishi Marine

S6R -Y2MPTK

Standard Engine Equipment

Specifications are subject to change without prior notice.

4-cycle, watercooled, turbocharged diesel engine
Y2MPTK with intercooler, cooled by (fresh) water of max 32°C

Type

Combustion System

Configuration

Bore x Stroke - inches (mm)

Total Displacement - in³ (ltr)

Compression Ratio

Rotation

Starting System

Flywheel

Flywheel Housing

Fuel Oil

Dry Weight - lbs (kg)

Direct Injection

In-Line, 6-Cylinder

6.69 (170) x 7.09 (180)

1,496 (24.51)

14 : 1

SAE Standard (Counter-Clockwise Viewed from Flywheel End)

Electric Motor, 24 Volt - 7.5kW

SAE 18

SAE #0

ASTM D975, No. 1-D, No. 2-D

6240 (2830)

Output Marine Propulsion

Heavy Duty

Medium Duty

630 (470) @ 1600

697 (520) @ 1650

Fuel System

Flexible fuel supply and return hoses, fuel feed pumps, fuel filters, fuel injection pumps, fuel injectors, overflow valve

Lubricating Oil System

Wet type oil pan with inspection covers, oil pressure pump, full-flow lubricating oil filters, by-pass filter, oil cooler with thermostat, piston cooling though oil injectors

Cooling System

Fresh water pump, thermostats with by-pass.

24 Volt Electric System Earth Floated

Starter motor battery charging alternator (35 amp), energize to stop (ETS) stop solenoid

General

Hydraulic Woodward PSG governor with oil supply system, mounting brackets, flywheel and housing SAE standard, torsional vibration damper, parts catalog and owners manual

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