**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 S6A3 marine engine, maintenance is very easy. Each cylinder has its own cylinder head and the engine has large inspection covers on the crankcase. No auxiliary component requires separate lubrication, whether it’s the fuel injection pump, governor, water pump or the turbocharger.

**Approved by All Major Classification Societies**
At our ISO certified manufacturing facilities, every Mitsubishi S6A3 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.
Type

4-cycle, watercooled, turbocharged diesel engine
MPTK with intercooler, cooled by fresh water of max 38°C

Combustion System
configuration
Bore x Stroke - inches (mm)
Total Displacement - in³ (litr)
Compression Ratio
Rotation
Starting System
Flywheel
Flywheel Housing
Fuel Oil
Dry Weight - lbs (kg)

Direct injection
In-Line, 6-Cylinder
5.91 (150) x  6.89 (175)
1,133 (18.56)
14.5 : 1
SAE Standard (Counter-Clockwise Viewed from Flywheel End)
Electric Motor, 24 Volt - 6.0kW
SAE 14
SAE #1
ASTM D975, No. 1-D, No. 2-D
4190 (1900)

Output Marine Propulsion

Heavy Duty

Medium Duty

Light Duty

HP (kWm) @ RPM
483 (360) @ 1840
529 (395) @ 1900
583 (435) @ 1960

Outside Dimensions

Dimensions in millimeters (1 inch = 25.4mm)

Fuel System
Flexible fuel supply and return hoses, fuel feed pump, fuel filters, fuel injection pump, double-wall fuel injection lines, fuel injectors, overflow valve

Lubricating Oil System
Wet type oil pan with inspection covers, oil pressure pump (gear driven), full-flow lubricating oil filters, by-pass filter, oil cooler with thermostat, piston cooling through oil injectors

Cooling System
Fresh water pump, thermostats with bypass (Fresh water must be specified prior to ordering)

24 Volt Electric System Earth Floated
Starter motor, battery charging alternator (35 amp), energize-to-stop (ETS) stop solenoid

Air Intake and Exhaust System
Mitsubishi turbocharger with vertical exhaust outlet, air inlet silencer with pre-cleaner, inlet air aftercooler or intercooler, inlet manifold, fresh water cooled exhaust manifold.

General
Mechanical governor, mounting brackets, SAE standard flywheel and housing, torsional vibration damper, parts catalog and owners manual

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