



S6A3-MPTAW

S6A3 Series for Marine

Applications

- Inland cargo vessels
- Fishing boats
- Workboats

Features

- Compact in size
- Optimum fuel consumption

Specifications

- Equipped with high-performance proprietary Mitsubishi turbochargers

Rating S6A3 Series

| | kW | bhp | rpm | Rating | Emission |
|---------------------|-----|-----|------|------------------------------|-------------|
| Propulsion | 221 | 296 | 1530 | Unrestricted Continuous Duty | IMO Tier II |
| | 360 | 483 | 1840 | Unrestricted Continuous Duty | IMO Tier II |
| | 385 | 517 | 1800 | Medium Duty | IMO Tier II |
| Auxiliary generator | 450 | 536 | 1500 | 50 | IMO Tier II |
| | 490 | 617 | 1800 | 60 | IMO Tier II |

High performing and reliable marine engine

Mitsubishi Heavy Industries (MHI) boasts a long tradition in manufacturing engines, tracing back to the production of Japan's first unit for commercial use in 1917 and spanning both diesel and gasoline types in two- and four-stroke configurations. To date, MHI has supplied more than 180000 marine diesel engines for both main propulsion and auxiliary applications in ships and boats. The company's impressive record of engine deliveries is proof of MHI's close and unbroken relationship with marine industries.

The S6A3-MPTAW engine is designed and built in Japan and delivers performance and reliability. 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. Its maintenance is easy as 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. It is a great size engine for your inland cargo vessel, and working- and fishing boat.

S6A3-MPTAW

| | |
|-----------------------------|---|
| Displacement (l) | 18.56 |
| Bore x stroke (mm) | 150 × 175 |
| Flywheel and housing | SAE 14 / SAE 10 |
| Compression ratio | 14.5:1 |
| Dry weight (kg) | 1900 |
| Dimensions - L x W x H (mm) | 1636 x 1036 x 1421 |
| Method of operation | 6-cylinder, 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) |



Mitsubishi Turbocharger



Cylinder head

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