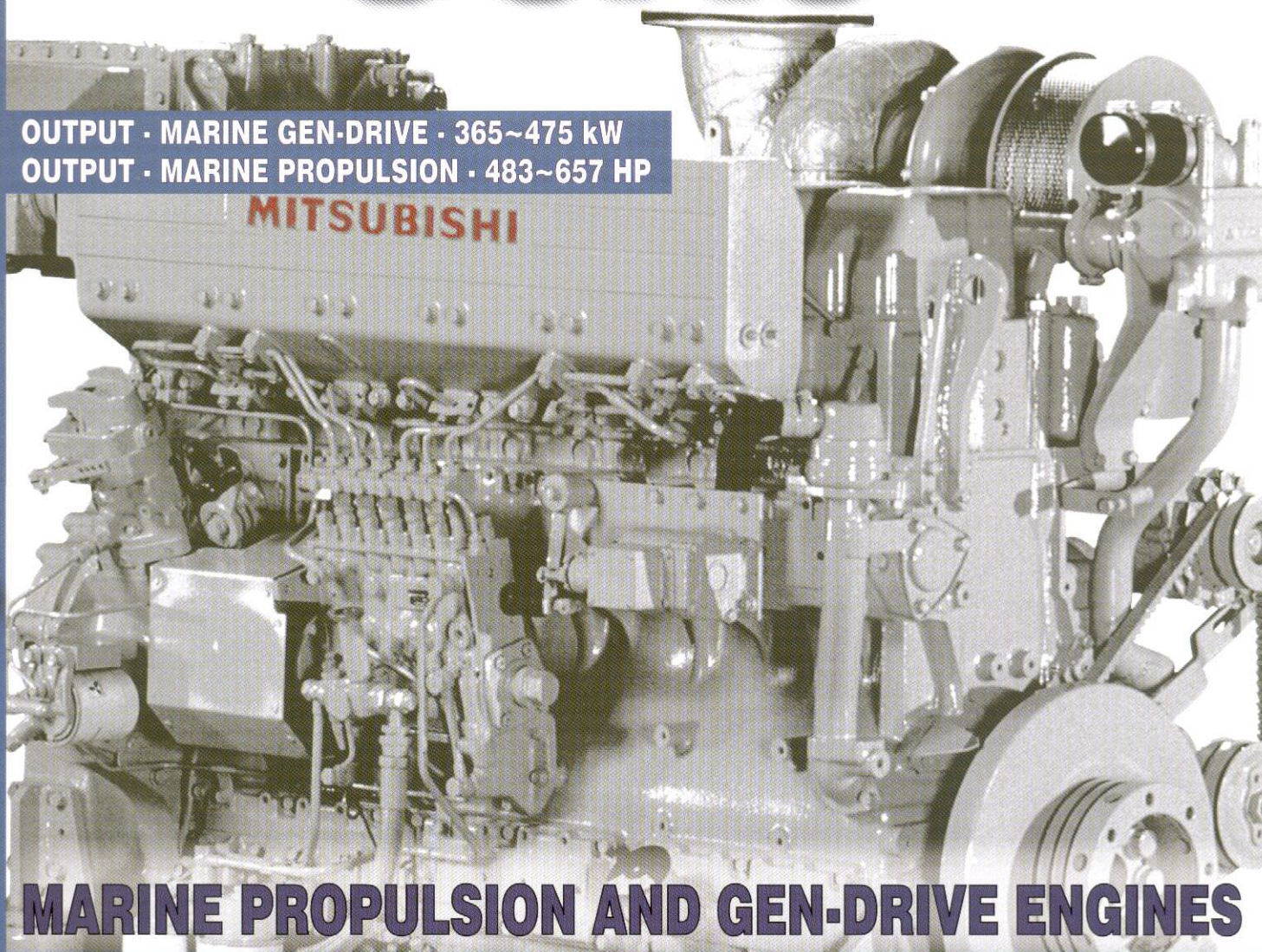


S6A3

OUTPUT · MARINE GEN-DRIVE · 365~475 kW
OUTPUT · MARINE PROPULSION · 483~657 HP



MARINE PROPULSION AND GEN-DRIVE ENGINES

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 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 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 compliment of engines meeting both 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 ENGINE NORTH AMERICA, INC.
1250 GREENBRIAR DRIVE, SUITE E, ADDISON, IL 60101
P: 630.268.0750 F: 630.268.9293 www.mitsubishi-engine.com

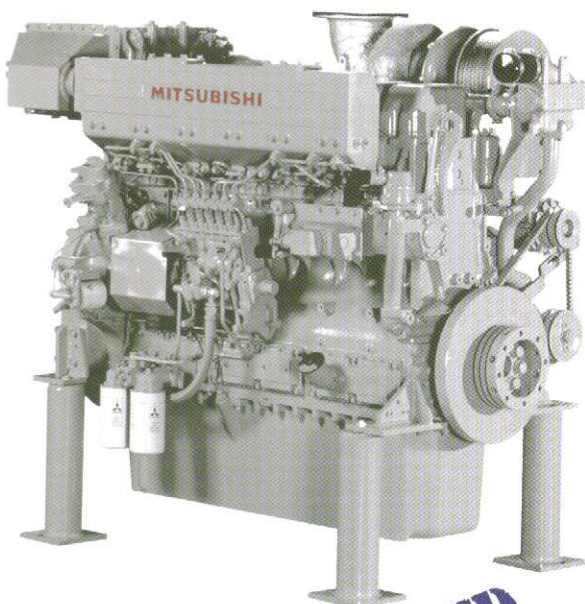


mitsubishi MARINE

S6A3

-Y1MPTA

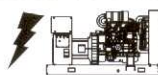
-Y1MPTK



EPA CERTIFIED

Type	4-cycle, watercooled, turbocharged diesel engine MPTA with aftercooler, cooled by engine jacket water MPTK with intercooler, cooled by (sea) water of max 32°C	
Combustion System	Direct Injection	
Cylinder Arrangement	In-Line, 6-Cylinder	
Bore x Stroke - inches (mm)	5.91 (150) x 6.89 (175)	
Total Displacement - in ³ (ltr)	1,133 (18.56)	
Compression Ratio	14.5 : 1	
Rotation	SAE Standard (Counter-Clockwise Viewed from Flywheel End)	
Starting System	Electric Motor, 24 Volt - 6.0kW	
Flywheel	SAE 14	
Flywheel Housing	SAE #1	
Fuel Oil	ASTM D975, No. 1-D, No. 2-D	
Dry Weight - lbs (kg)	4079 (1850)	4190 (1900)

Output Marine Gen-Drive



HP (kWm) @ RPM

489 (365) @ 1200
536 (400) @ 1500
617 (460) @ 1800

HP (kWm) @ RPM

536 (400) @ 1200
577 (430) @ 1500
637 (475) @ 1800

Output Marine Propulsion



HP (kWm) @ RPM

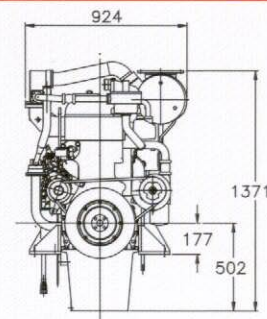
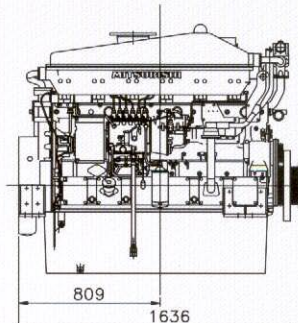
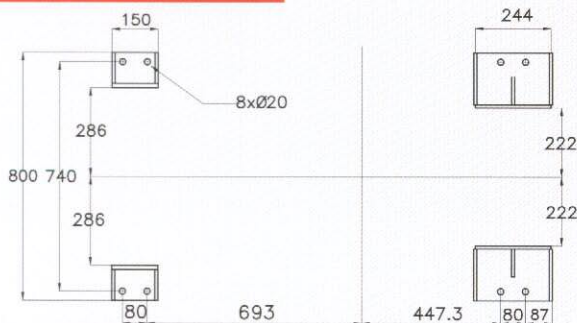
483 (360) @ 1840
529 (395) @ 1900
583 (435) @ 1960

HP (kWm) @ RPM

543 (405) @ 1840
597 (445) @ 1900
657 (490) @ 1960

Outside Dimensions

Dimensions in millimeters (1 inch = 25.4mm)



Standard Engine Equipment

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 by-pass

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, exhaust

manifold (water-cooled), individual cylinder heads for easy service and maintenance, 4-valve cylinder head design for high efficiency and low emissions

General

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

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