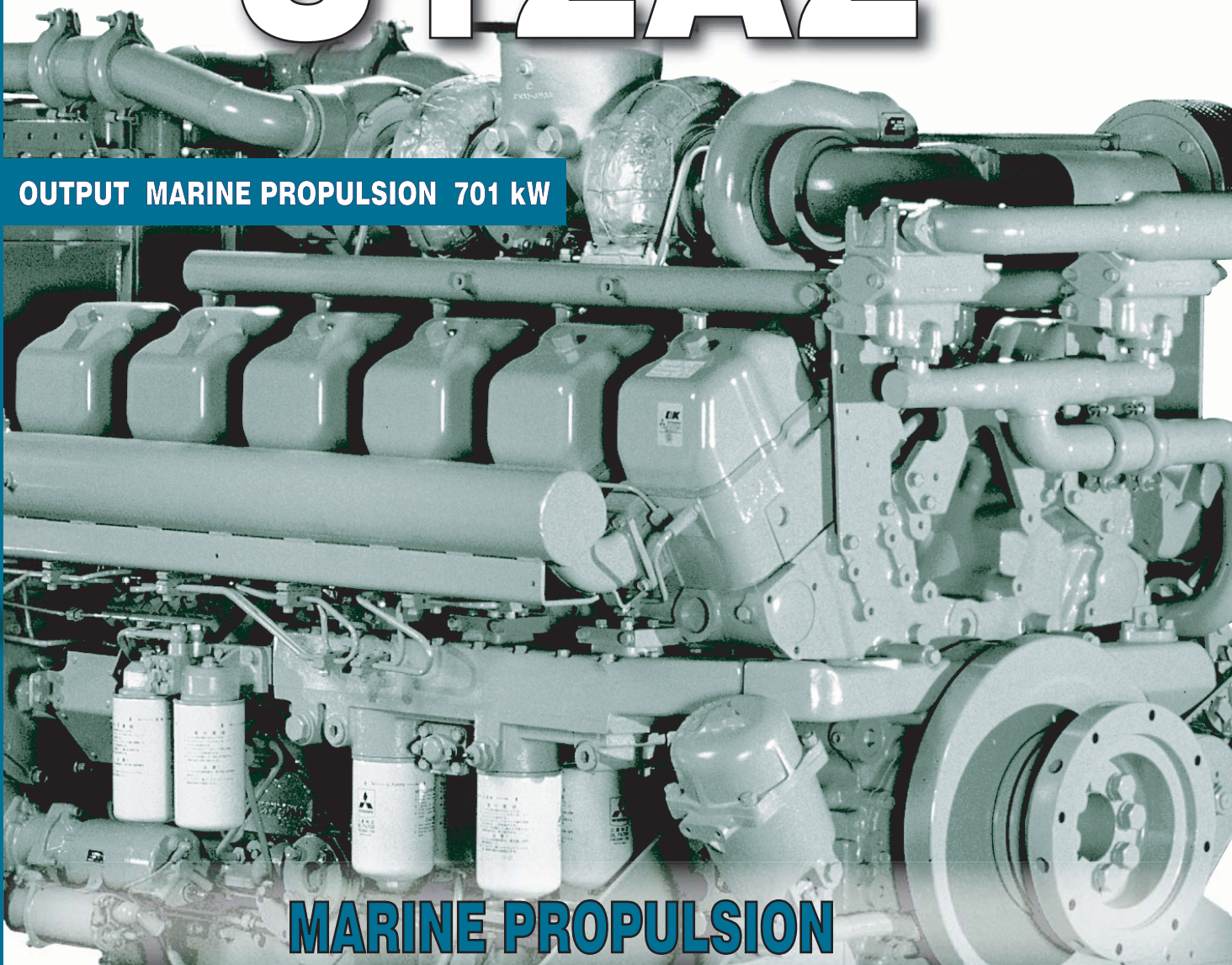


S12A2

OUTPUT MARINE PROPULSION 701 kW



MARINE PROPULSION

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 S12A2 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 S12A2 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.

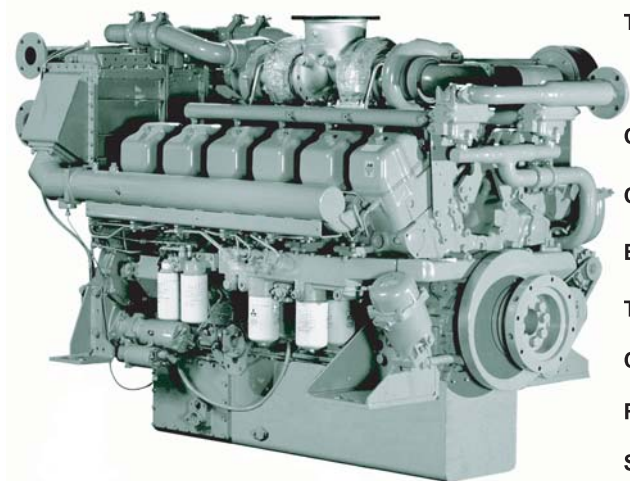
MITSUBISHI ENGINE NORTH AMERICA, INC.
1250 GREENBRIAR DRIVE, SUITE E, ADDISON, IL 60101
P: 630.268.0750 F: 630.268.9293 www.mitsubishi-engine.com



MITSUBISHI MARINE

S12A2

-Y2MPTK



EPA CERTIFIED

Type

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

Combustion System

Direct Injection

Configuration

60° V, 12-Cylinder

Bore x Stroke - inches (mm)

5.91 (150) x 6.30 (160)

Total Displacement - in³ (ltr)

2,071 (33.93)

Compression Ratio

15.3 : 1

Rotation

SAE Standard (Counter-Clockwise Viewed from Flywheel End)

Starting System

Electric Motor, 24 Volt - 7.5kW (x2)

Flywheel

SAE 18

Flywheel Housing

SAE #0

Fuel Oil

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

Dry Weight - lbs (kg)

7453 (3380)

Output Marine Propulsion



Heavy Duty

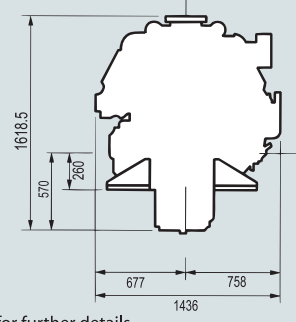
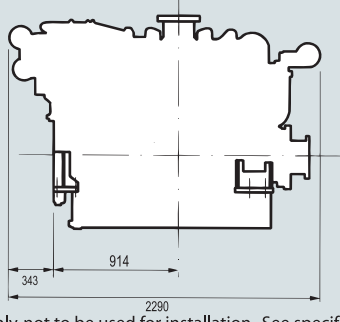
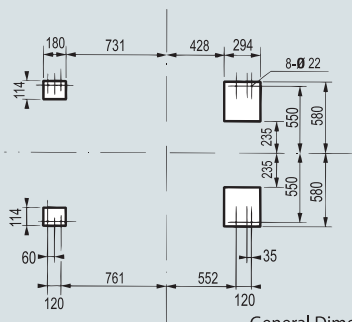
HP (kWm) @ RPM

940 (701) @ 1940

Photos may show optional equipment

Outside Dimensions

Dimensions in millimeters (1 inch = 25.4mm)



General Dimensions for reference only, not to be used for installation. See specific model drawings for further details.

Standard Engine Equipment

Fuel System

Flexible fuel supply and return hoses, fuel feed pumps, fuel filters, fuel injection pumps, 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 though oil injectors

Cooling System

Fresh water pump, thermostats with by-pass.

24 Volt Electric System Earth Floated

Starter motors (2 x 7.5kW), battery charging alternator (35 amp), energize-to stop (ETS) stop solenoid

Air Intake and Exhaust System

Mitsubishi turbochargers with vertical exhaust outlet, air inlet silencers with pre-cleaner, inlet air aftercoolers or intercoolers, inlet manifolds, dry exhaust manifold.

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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Specifications are subject to change without prior notice

MLEMB 0910