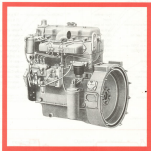




DIESEL ENGINE

SW266

30-60 metric HP



The diesel engine SW266 is a variety of the SW400. The SW266 are manufactured by the Wymoria Division (Wymoria) "Wymoria" in Australia under a General Motors Ltd license. The SW266 provides operation under every climatic condition and long overhauling periods (TBO) are due to special high-grade materials and precision obtained in

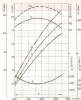
production of all component parts. Low operating cost and easy maintenance are further advantages of the SW266.

The engine find numerous applications. Two main varieties i.e. marine engine and industrial engine are obtained due to some adjustment, change of engine component and location of cooled accessories.

Technical Data

Engine	- four stroke, steel	Specific oil consumption	- 1.8 g/kWh 21.4 g/kWh
Number and arrangement of cylinders	- four in line, vertical	Injection	- direct
Rated power (kW, hp, CV) 15000	- 98 kW 133 hp 133 CV	Exciting	- water cooling
Max. torque at 1500 rpm, kW, hp, CV) 15000	- 350 Nm 258.4 lb-ft	Starting system	- electric
Rated speed	- 2400 rpm	Rated load-off	- 100% power from the flywheel side through a friction type clutch or industrial clutch
Cylinder bore	- 107 mm	Flywheel housing	- acc. to SAE 1 or SAE 2
Piston stroke	- 127 mm	Flywheel	- standard size or acc. to the Customer's request
Engine capacity	- 4.20 m ³	Dry engine mass	- 200 and 400 kg depending on the engine version
Compression ratio	- 16		
Min. specific fuel consumption	- 243 g/kWh - 1.8 g/kWh		





- 1 - Maximum torque (PS) at 1500 RPM
- 2 - Maximum power (PS) at 2000 RPM
- 3 - Maximum speed (km/h) at 2400 RPM



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Fig. 1 - Performance operating limits (kg).

NOTE:

For operating limits see either for the engine under description. Always, when operating in areas with altered operation use other fuel to engine use.

Standard equipment

- Intake manifold
- Exhaust manifold
- Injection pump
- Fuel filter
- Oil filter
- Water pump
- Thermostat
- Alternator 24 V or 12 V, 550 W
- Starter 24 V or 12 V
- Voltage regulator
- Plywood

Optional equipment

- Supply fan
- Water valve
- Air cleaner, wet or dry
- Hydraulic booster pump, output 12 cubic pressure 160 bar
- Single-arm, dry, traction type clutch, 14"
- Water and oil temperature sensors/alarms and indicator
- Oil pressure sensor/alarms and indicator (optional)
- Engine speed indicator with warning horn/alarms
- Engine mounting feet
- Set of spare parts
- Set of tools

Applications

The 60000 engine can be applied to power boats, delivery trucks as well as mobile building machinery, agriculture machines, generating sets, compressors and pumping units.



Manufacturer

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