

MITSUBISHI DIESEL ENGINE S6R, S6R2



The newest and most unique

Greater Power in Less Space

The 20 series cylinder inline diesel engine based on output of 300HP at 1800rpm, is designed for the most demanding 17-cylinder, 30-hp engine. These compact power units require less than 100-in. of a generator and alternator and are built with superior lightweight and easy handling features to ensure quick installation.

Extra High Fuel Efficiency

Experiences gained during more than a decade of 20, 24 and 26 diesel engine production led to the introduction of a new cylinder system engine design. The new fuel injection pump, flow of compression air, an specially designed fuel performance technologies and fuel injection (oil) and (oil) has been achieved in the 20 series an outboard engine with a fuel consumption rate of 100g/kwh or 100g/kwh at prime power output per 1,000kwh by 2000-2000 series line.

Unique Design

Based by continuous engine development experience, technologically advanced through computer aided design, the 20 series engine series models include a variety of optional features.

- 1) Newly designed fuel pump and injectors offer through engine durability with the same high reliability as the 20, 24 and 26 series.
- 2) Most accessories are concentrated on one side of the engine to reduce body maintenance.
- 3) Lower engine cooling has been achieved by internal circulation of seawater, thereby eliminating the possibility of pipe leakage.
- 4) Package tank cover, like features easy lift change.

Wide Selection of Accessories for Diversified Engine Applications

- 1) Cooling systems for air, water, oil, water, air, water, and water.
- 2) Different options include safety and other safety features, cooling and more.



the model of diesel engines



Standard Specifications

OPTION CODE	500			5000		
	WT	FTL	FTL	WT	FTL	FTL
Motor type	1 motor unit, motor cooled, fully-charged brush-type					
Combustion system	Direct injection					
Valvetrains	Standard 70 psi					
Crank oil cooling system	PTC (Pentacore) cooled water in oil cooler					
	PTC (Pentacore) fan cooled in oil cooler					
Cooling arrangement	Water circulation					
Water flow in winter	Water + Glycol			Water + Glycol		
Fuel adjustment	14.5 bar			10.5 bar		
Compressor ratio	11.1					
Injection	14.5 bar (14.5 bar) (14.5 bar) (14.5 bar) (14.5 bar)					
Starting system	Electric motor (24V/1.5 kW) 1 psi					
Blower	1200 - 100					
Control	Hydraulic tank					
Hydraulic	14.5 bar					
Hydraulic housing	14.5 bar					
Fuel oil	Standard or special grade					
Fuel specification	Standard 10 psi					
Fuel specification	14.5 bar					
Fuel oil flow	Fuel control tank					
Injection system	Fuel injection by air pump					
Injection	Injection pump 14.5 bar					
Fuel oil flow	Fuel control tank					
Dimensions	Length (mm)	100	100	100	100	100
	Width (mm)	100	100	100	100	100
	Height (mm)	100	100	100	100	100
Wt. range	kg	100	100	100	100	100

Standard Accessories

- Valvetrains
- Electric motor
- Charging alternator
- Control
- Fuel oil
- Fuel oil flow
- Oil pump
- Hydraulic
- Hydraulic housing
- Injection
- Injection pump
- Injection cooled 14.5 bar
- Injection
- Injection 14.5 bar
- Injection tank
- Standard 14.5 bar

Optional Accessories

- Air blower
- Electric motor
- Fuel and oil flow
- Hydraulic
- Hydraulic housing
- Injection 14.5 bar
- Injection pump
- Injection
- Injection
- Injection pump
- Injection 14.5 bar
- Injection 14.5 bar
- Air motor 14.5 bar
- Air compressor
- Air tank

Outputs

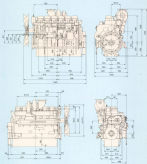
Applications	Rating	Engine model		D400T				D400TA				D400-PS		
		Capacity gpm	Speed rpm	without fan		with fan		without fan		with fan		without fan		
				30°	45°	30°	45°	30°	45°	30°	45°	30°	45°	
Generator	Power	50	1000	500	500	500	400	400	500	500	475	500	500	500
		75	1000	500	500	500	400	475	500	500	475	500	500	500
		100	1000	510	500	500	475	500	500	500	475	500	500	500
	Pumps	50	1000	500	500	500	400	400	500	500	475	500	500	500
		75	1000	500	500	500	475	500	500	500	475	500	500	500
		100	1000	500	500	500	500	500	500	500	500	500	500	500
Power unit	Continuous	1000	400	500	500	500	400	400	500	500	475	500	500	500
		1000	500	500	500	500	500	500	500	500	500	500	500	500
		1000	500	500	500	500	500	400	500	500	500	500	500	
Fire pump	Boost	1000	400	500	500	500	400	400	500	500	475	500	500	500
		1000	500	500	500	500	500	500	500	500	500	500	500	500
		1000	510	500	500	500	500	500	500	500	500	500	500	500

Applications	Rating	Engine model		D400T				D400-PS				D400-PS	
		Capacity gpm	Speed rpm	with fan		with fan		with fan		with fan		with fan	
				30°	45°	30°	45°	30°	45°	30°	45°	30°	45°
Generator	Power	50	1000	400	500	500	500	500	500	475	500	500	500
		75	1000	510	500	500	500	500	500	500	500	500	500
		100	1000	510	500	500	475	500	500	500	500	500	500
	Pumps	50	1000	400	500	500	500	500	500	500	475	500	500
		75	1000	500	500	500	500	500	500	500	500	500	500
		100	1000	500	500	500	500	500	500	500	500	500	500
Power unit	Continuous	1000	400	500	500	500	500	500	500	500	500	500	500
		1000	500	500	500	500	500	500	500	500	500	500	500
		1000	500	500	500	500	500	400	500	500	500	500	500
Fire pump	Boost	1000	400	500	500	500	500	500	500	500	500	500	500
		1000	500	500	500	500	500	500	500	500	500	500	500
		1000	510	500	500	500	500	500	500	500	500	500	500

Rating Applications

- **Generator power rating** represents full performance with full 3-phase voltage. Our standard load is an evenly distributed load that simulates real-world steady-state conditions. Steady-state loading does not include the extra inrush current that occurs when starting an electric motor. For more information, visit www.generac.com.
- **Power unit rating** is based on a continuous duty cycle. For more information, visit www.generac.com.
- **Fire pump rating** is based on a continuous duty cycle. For more information, visit www.generac.com.

- **Electric power rating**
This rating is applicable for supplying electric power to critical loads. It is based on the generator's continuous rating. The rating is based on the generator's continuous rating. The rating is based on the generator's continuous rating.
- **Fire pump rating**
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