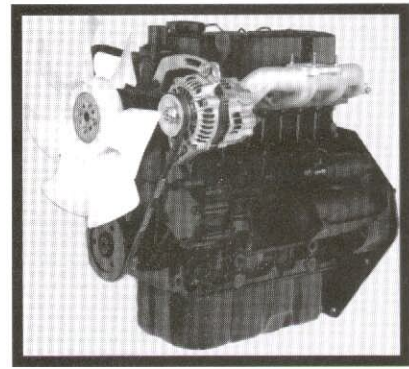


# MITSUBISHI

## ENGINE NORTH AMERICA

# S4L - SERIES

## 16 to 37 HP



	Model		S4L	S4L2
<b>Specifications</b>	<b>Type</b>		4-cycle, water-cooled, diesel Natural-aspirated	
	<b>Cylinder arrangement - Bore x Stroke mm</b>		78 X 78.5	78 X 92
	<b>Engine Configuration</b>		Inline 4 Cyl.	
	<b>Total Displacement</b>		1.5	1.758
	<b>Combustion System</b>		Swirl Chamber	
	<b>Dry Weight kg / lbs.</b>		155 / 344	
	<b>Starting System</b>		Electric starting with cell starter	
	<b>Fuel Oil</b>		Diesel fuel oil (ASTM No. 2-D)	
<b>Power Unit</b>	<b>Continuous Power Rating Output kWm (HP)</b>	1500 rpm	11.9 (16.0)	14.3 (19.2)
		1800 rpm	14.7 (19.7)	17.5 (23.5)
		2000 rpm	16.4 (22.0)	19.2 (25.7)
		2200 rpm	18.2 (24.4)	21.0 (28.2)
		2500 rpm	20.3 (27.2)	23.4 (31.4)
		3000 rpm	23.7 (31.8)	26.2 (35.1)
	<b>One-hour Power Rating Output kWm (HP)</b>	1500 rpm	12.5 (16.8)	15.1 (20.2)
		1800 rpm	15.4 (20.7)	18.4 (24.7)
		2000 rpm	17.3 (23.2)	20.2 (27.1)
		2200 rpm	19.1 (25.6)	22.1 (29.6)
		2500 rpm	21.3 (28.6)	24.6 (33.0)
		3000 rpm	☆ 25.0 (33.5)	☆ 27.6 (37.0)
<b>Generators</b>	<b>Prime Power Rating Output kWm (HP)</b>	50Hz 1500 rpm	11.4 (15.3)	13.6 (18.2)
		3000 rpm	22.1 (29.6)	24.1 (32.3)
		60Hz 1800 rpm	14.0 (18.8)	16.6 (22.3)
	<b>Stand-By Rating Output kWm (HP)</b>	50Hz 1500 rpm	12.5 (16.8)	15.0 (20.1)
		3000 rpm	25.0 (33.5)	27.6 (37.0)
		60Hz 1800 rpm	☆ 15.4 (20.7) ★	☆ 18.4 (24.7)

☆ EPA CERTIFICATION

★ CARB CERTIFICATION

### CONSTRUCTION

- Ribbed thin-wall cast iron crankcase for added strength and durability.
- Internal crankcase breather for reduced emissions.
- Extra large bearing surfaces for low bearing loads and long life.

### LUBRICATION

- Designed to run at 15 degrees of inclination and includes a full flow spin-on cartridge filter.
- Forced circulation by a trochoid gear pump.
- Oil Capacity: 1.43 gal (5.4 lit.)

### FUEL & COMBUSTION SYSTEMS

- Bosh style fuel injection pump.
- Indirect injection combustion system for low noise and emissions.
- Cylinder head is a cross-flow, pre-chamber design to increase efficiency of combustion.

### MOUNTING

- Standard crankcase side mounting pads for flexible mounting arrangements.
- Rear engine support available from side mounting pads on SAE 5 housing.

### COOLING

- Forced circulation by a centrifugal pump.
- Cooling packages available for ambient temperatures up to 122°F (50°C).
- Cooling Fan (Std. Eq.): Variable Speed (VS) - Suction Generator Drive (GD) - Pusher

### ELECTRIC SYSTEM

- Starter: 12V, 2.0kW
- Alternator: 12V, 50 amp with integral regulator
- Glow Plugs: 12V
- High water temperature and low oil pressure switches.
- Stop Solenoid: 12V integrated ETR stop solenoid eliminates external linkage.

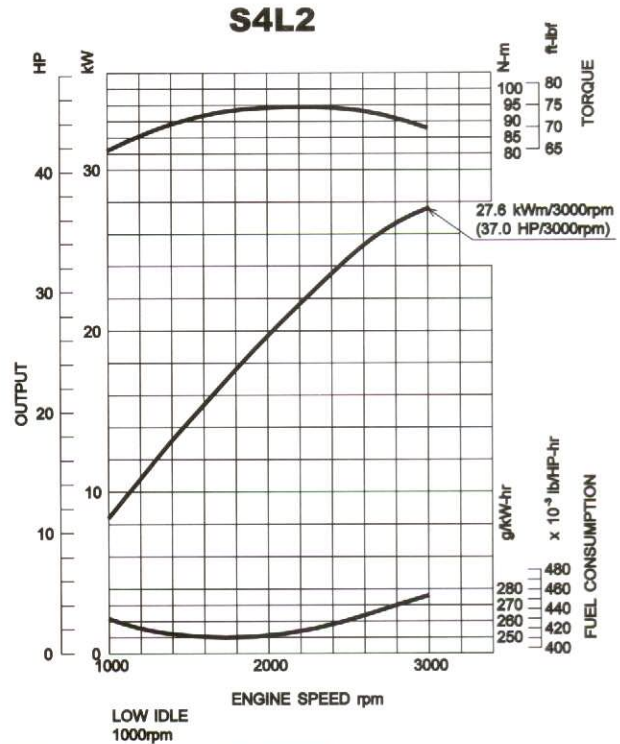
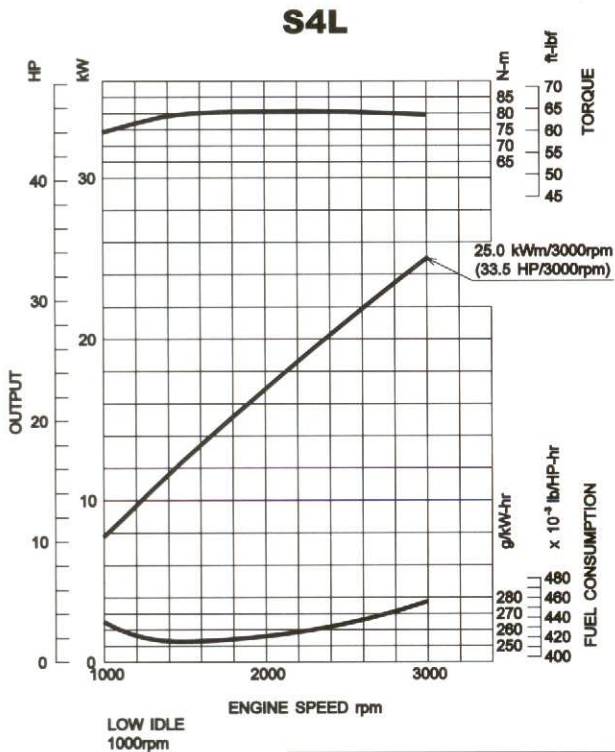
### GOVERNING

- Mechanical governing is provided for either variable or constant speeds.

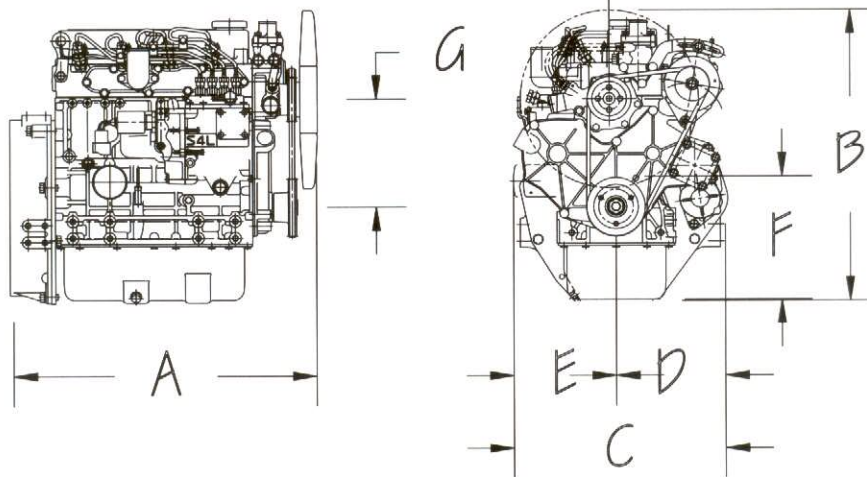
### DRIVES

- SAE 5 flywheel housing and 7.5 inch flywheel (GD & VS models).
- Limited power hydraulic drives are available for mounting at the gear end.
- Rotation direction: counter-clockwise facing the flywheel end.

# S4L-SERIES TECHNICAL DATA



Rating: SAE J1349 with cooling fan. Note that output ratings apply only to fully run-in engines.



	A	B	C	D	E	F	G
S4L/2	24.41	23.33	17.03	8.86	8.17	7.66	8.58

General dimensions are in inches.

Your Distributor Is:



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