

PRINCIPAL ENGINE SPECIFICATIONS

Engine Specifications

Engine Model		L48V		L70V		L100V	
Type		4-stroke, Vertical Cylinder, Air-Cooled Diesel Engine					
No. of Cylinders		1					
Bore x Stroke		2.76 x 2.24 in (70 x 57 mm)		3.07 x 2.64 in (78 x 67 mm)		3.39 x 2.95 in (86 x 75 mm)	
Displacement		13.4 cu. in (0.219 L)		19.5 cu. in (0.320 L)		26.5 cu. in (0.435 L)	
Continuous Rated Output	rpm (min ⁻¹)	3600	3450	3600	3600	3200	2500
	hp SAE	4.0	3.8	5.8	8.3	7.8	6.7
	kW	3.0	2.8	4.3	6.2	5.8	5.0
	PS	4.1	3.8	5.9	8.4	7.9	6.8
Max. Rated Output (Net)	rpm (min ⁻¹)	3600	3450	3600	3600	3200	2500
	hp SAE	4.4	4.2	6.4	9.1	8.7	7.4
	kW	3.3	3.1	4.8	6.8	6.5	5.5
	PS	4.5	4.2	6.5	9.3	8.8	7.5
High Idling	rpm (min ⁻¹)	3800±30	3450±30	3800±30	3800±30	3450±30	2700±30
Engine Weight (Dry)	with Electric Start	70.5 lb (32.0 kg)		90.4 lb (41.0)		118 lb (53.5 kg)	
	without Electric Start	59.5 lb (27.0 kg)		79.4 lb (36.0)		107 lb (48.5 kg)	
Cooling System		Forced Air by Flywheel Fan					
Lubricating System		Forced Lubrication with Trochoid Pump					
Starting System		Electric Start / Recoil Start					
Dimensions (L x W x H)		13.1 x 15.1 x 16.4 in (332 x 384 x 417 mm)		14.9 x 16.6 x 17.8 in (378 x 422 x 453 mm)		16.2 x 18.5 x 19.4 in (412 x 471 x 494 mm)	
Engine Oil Pan Capacity	Dipstick Upper Limit	0.85 qt (0.8 L)		1.11 qt (1.05 L)		1.7 qt (1.6 L)	
	Dipstick Lower Limit	0.58 qt (0.55 L)		0.69 qt (0.65 L)		1.06 qt (1.0 L)	
Fuel Tank Capacity (Recommended)		2.0 qt (1.9 L)		2.85 qt (2.7 L)		5.0 qt (4.7 L)	