

NISSAN

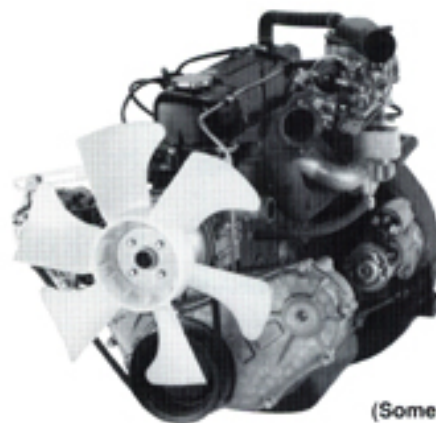
MULTIFUEL ENGINE



H15

1.5 Liter

For Industrial Application



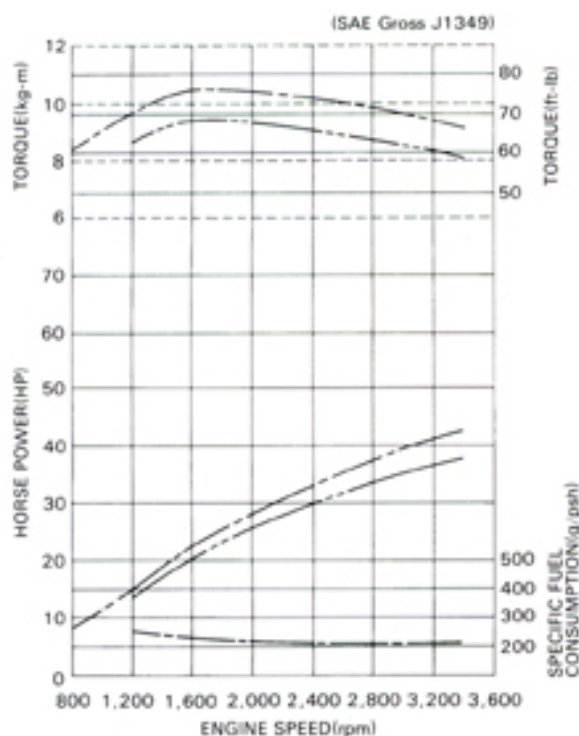
(Some parts optional)

SPECIFICATION DATA

Intermittent output (SAE Gross J1349)	43 Hp/3,400 rpm
Continuous output (SAE Gross J1349)	39 Hp/3,400 rpm
Peak torque (SAE Gross J1349)	76 ft-lb/1,600 rpm
Minimum fuel consumption	210g/Hp-hr/3,200 rpm
Fuel and type	Gasoline, (LPG & Natural gas) 4-cycle, O.H.V.
Cylinder arrangement	4 in-line
Combustion chamber	Wedge shape
Bore x stroke	75.5mmx83.0mm
Total piston displacement	1,486 cc
Compression ratio	9.0 : 1
Length x width x height (standard model)	772.1x563x673 mm
Dry weight (standard model)*	155 kg

*Excl. ship loose parts.

PERFORMANCE CURVE



Curve 1; Intermittent Gross Output

This is the highest output obtainable at SAE standard ambient conditions from a basic engine equipped only with the built-in accessories essential to its operation. These levels may be only maintained for operating period of short duration.

Applications: Scissorlifts, Aerial platforms, Scrubber/sweepers, Utility vehicles, Construction equipment

Curve 2; Continuous Gross Output

This is the output which can be obtained at SAE standard ambient conditions from a basic engine, operating in a continuous duty mode.

Applications: Generators, Welders, Water Pumps, Air compressors, etc.

STANDARD EQUIPMENT

EQUIPMENT	FEATURES
Exhaust manifold	Center downward outlet type
Cylinder head gasket	Non asbestos
Fuel pump	Mechanical type
Flywheel	Flat Face
F/W Housing	Forklift type
Cooling fan	Pusher; 380mm dia x 6F
Fan pulley (W/P pulley)	Water pump to crank pulley ratio; 1:1.01
Water pump	Centrifugal type, driven by V belt
Oil pan	Pressed steel plate, capacity high 3.5 liter
Oil filter	Replacement paper element type
Thermostat	Wax pellet type, 76.5°C
Distributor	Ignition coil built in full transistor type
Spark plug	Grade (NGK) BPR4ES
Alternator	12V-35A (IC regulator built-in type)
Starter motor	12V-0.8kw, Conventional type

OPTIONS

EQUIPMENT	FEATURES
Electronic fuel injection	Includes electronic governor
Carburetor	Down-draft type, one barrel, Automatic choke
Governor	Pneumatic governor, Electronic governor *Governed speed can be changed upon customer request
Fan Pulley	Fan to crank pulley ratio; 1:0.92, 1.01, 1.10, 1.25
Exhaust manifold	Front side upward outlet, Flange type 2 bolts
Fan spacer	10, 15, 20, 27, 31, 35, 45mm
Air Horn	For remote air cleaner (Dry)
Alternator	12V-50A (IC regulator built-in type)
Flywheel	SAE For 8" o/c clutch
F/W Housing	SAE #4 Housing

*Please consult with Nissan Engine Distributors, when you need other items.

Design and specifications are subject to change without notice.

For further information, please contact

