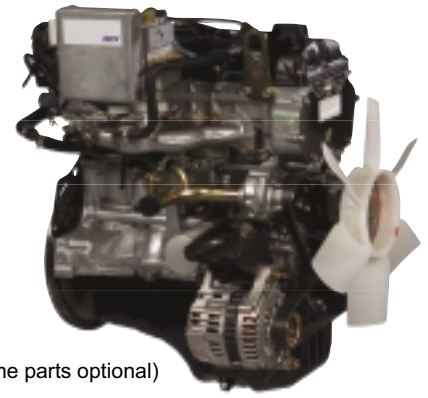


MULTIFUEL ENGINE

1.3 Liter

For Industrial Application

CG13



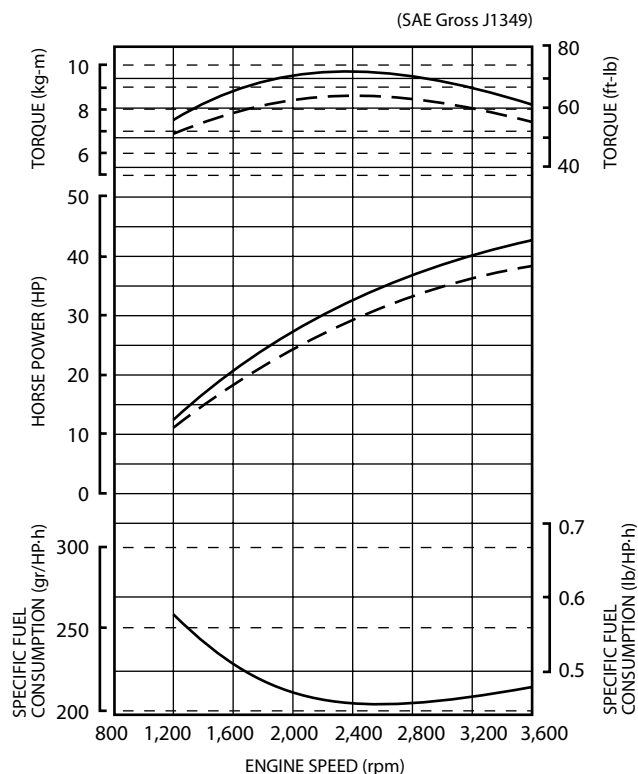
(Some parts optional)

SPECIFICATION DATA

Intermittent output (SAE Gross J1349)	42 Hp/3,600 rpm
Continuous output (SAE Gross J1349)	38 Hp/3,600 rpm
Peak torque (SAE Gross J1349)	9.7 kg-m (70 ft-lb)/2,400 rpm
Minimum fuel consumption	203 g/Hp-hr (0.448 lb/Hp-hr)/2,400 rpm
Fuel and type	Gasoline, 4-cycle, D.O.H.C.
Cylinder arrangement	4 in-line
Combustion chamber	Pentroof shape
Bore x stroke	71.0 mm x 80.5 mm
Total piston displacement	1,274 cc
Compression ratio	9.5 : 1
Length x width x height (standard model)	622.7 x 516.6 x 600.4 mm
Dry weight (standard model)*	80 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.

ZENITH
POWER PRODUCTS LLC

14570 INDUSTRIAL PARK ROAD
BRISTOL, VA 24202

STANDARD EQUIPMENT

EQUIPMENT	FEATURES
Exhaust manifold	Side outlet
Cylinder head gasket	Carbon graphite
EFI	Electronic Fuel Injection
Fuel pump	Electric type
Flywheel	Flat face
Rear plate	Automotive type
Fan pulley (W/P pulley)	Water pump to crank pulley ratio; 1 : 1.19
Water pump	Centrifugal type, pump to engine speed; 1.19 : 1
Oil pan	Pressed steel plate, capacity high 3.5 liter
Oil filter	Replacement paper element type
Crankshaft pulley	Single groove
Thermostat	Wax pellet type, 82° C
Distributor	IC ignition type (Breakerless type)
Ignition coil	For IC ignition
Spark plug	Grade BKR5E-11 (NGK)
Alternator	12V-65A (IC regulator built-in type)

*Cooling fan, Air cleaner and Starter motor optional.

OPTIONS

EQUIPMENT	FEATURES
Electronic fuel injection	Includes electronic governor
Governor	Electronic governor *Governed speed can be changed upon customer request
Flywheel & housing	SAE flywheel for 7.5. o/c clutch & SAE #5 housing
Cooling fan	Pusher : 320 mm dia. x6, 340 mm dia. x6 : 360 mm dia. x6 Suction : 360 mm dia. x7
Fan spacer	45mm
Air cleaner	Air horn for remote air cleaner
Starter motor	12V-0.75kw conventional type

** Please consult with Zenith Power Products Engine Distributors, when you need other items*

Design and specifications are subject to change without notice.

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