

# DUAL FUEL/GASOLINE & NATURAL GAS

2.5 Liter

For Industrial Application

# ZPP 425



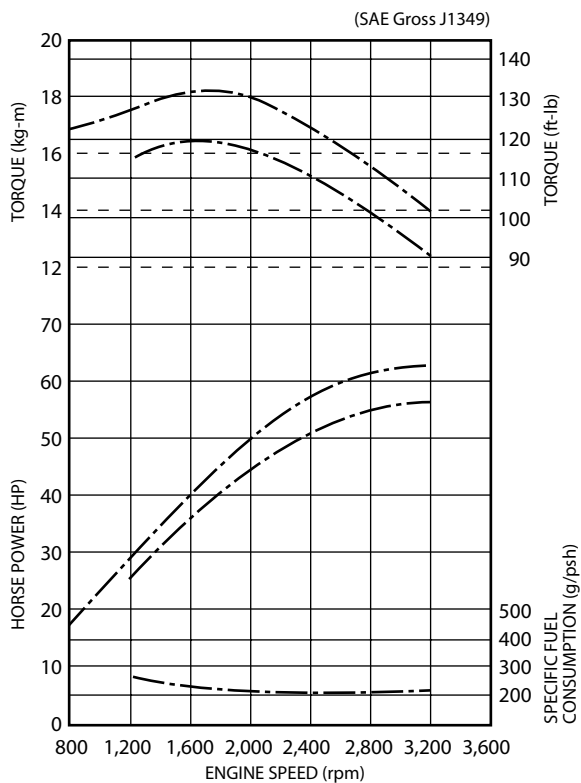
(Some parts optional)

## SPECIFICATION DATA

Intermittent output (SAE Gross J1349)	62 Hp/3,200 rpm
Continuous output (SAE Gross J1349)	56 Hp/3,200 rpm
Peak torque (SAE Gross J1349)	132 ft-lb/1,600 rpm
Minimum fuel consumption	210 g/Hp-hr/2,600 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	92.0 mm x 93.0 mm
Total piston displacement	2,472 cc
Compression ratio	8.7 : 1
Length x width x height (standard model)	772.1 x 563 x 673 mm
Dry weight (standard model)*	157 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

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## STANDARD EQUIPMENT

EQUIPMENT	FEATURES
Exhaust manifold	Center download outlet type
Cylinder head gasket	Non asbestos
Fuel pump	Mechanical type
Flywheel	Flat Face
F/W Housing	Forklift type
Cooling fan	Pusher; 380 mm 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-50A (IC regulator built-in type)
Starter motor	12V-1.2kw, Reduction type

## OPTIONS

EQUIPMENT	FEATURES
Electronic fuel injection	Includes electronic governor
Exhaust manifold	Upswept
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, 45 mm
Air horn	For remote air cleaner (Dry)
Alternator	12V-35A (IC regulator built-in type)
Flywheel	SAE For 8. o/c clutch
F/W Housing	SAE #4 Housing

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

Design and specifications are subject to change without notice.

### For further information, please contact:

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