



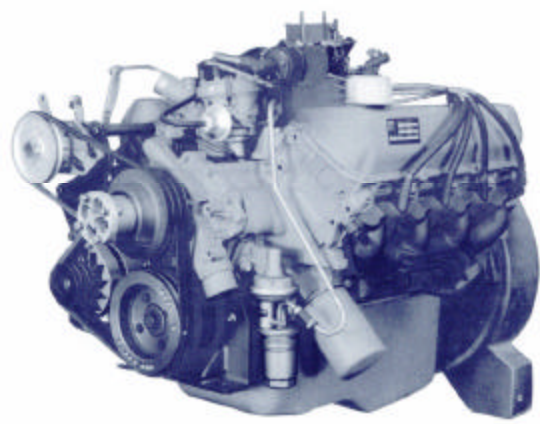
The Source for Power...  
Worldwide™

# LSG-875

## Gasoline-Natural Gas-LPG

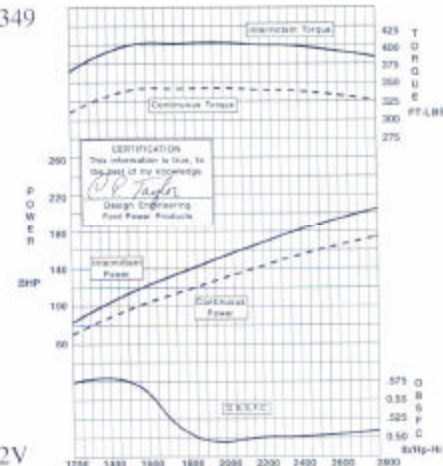
### 8 Cylinder 7.5 Litre (460 CID)

### INDUSTRIAL ENGINE



### ENGINE POWER CURVES

per SAE 1349



### SPECIFICATIONS

Displacement	7.5 Liter (460 CID)
Bore	110.7 mm (4.36 in.)
Stroke	97.8 mm (3.85 in.)
Compression Ratio	8.6:1
Oil Capacity	8.5 Liters (9 quarts) incl. filter
Net Weight, Dry	323.4 kg (713 Lbs.)

**Gasoline:**

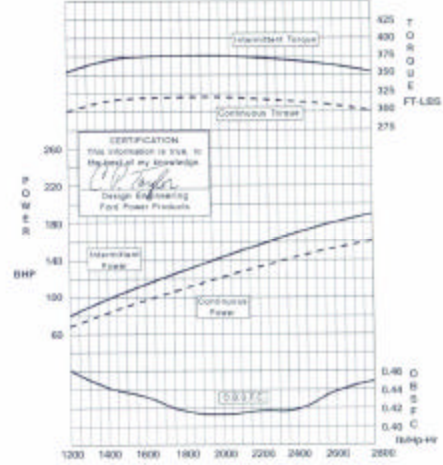
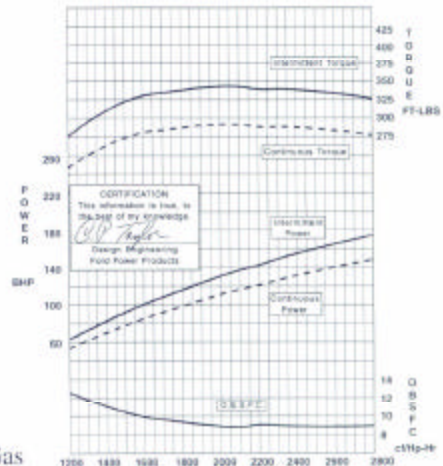
Fuel Specification	83M/91R octane
Intermittent Gross Power	152.12 kW (204HP) @ 2800 rpm
Continuous Gross Power	129.01 kW (173HP) @ 2800 rpm
Intermittent Gross Torque	547.82 N•m (404 Ft. Lbs.) @ 1600 rpm
Continuous Gross Torque	465.11 N•m (343 Ft. Lbs.) @ 1600 rpm

**Natural Gas:**

Fuel Specification	1020 BTU/CF
Intermittent Gross Power	129.75 kW (174HP) @ 2800 rpm
Continuous Gross Power	110.36 kW (148HP) @ 2800 rpm
Intermittent Gross Torque	465.11 N•m (343 Ft. Lbs.) @ 2100 rpm
Continuous Gross Torque	395.95 N•m (292 Ft. Lbs.) @ 2100 rpm

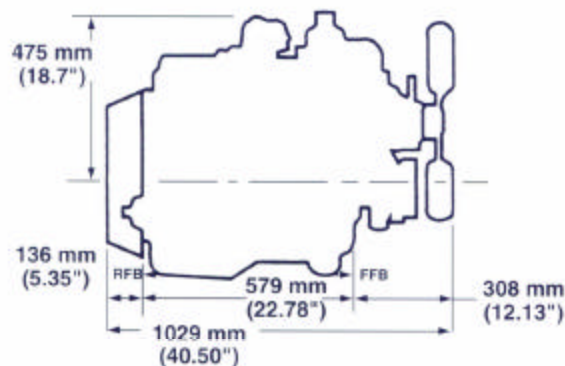
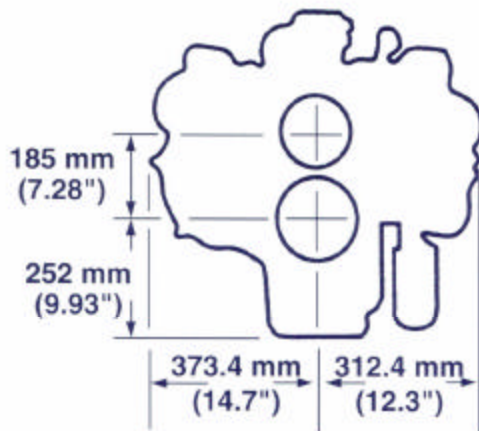
**LP Gas:**

Fuel Specification	HD5
Intermittent Gross Power	140.94 kW (189HP) @ 2800 rpm
Continuous Gross Power	120.06 kW (161HP) @ 2800 rpm
Intermittent Gross Torque	509.86 N•m (376 Ft. Lbs.) @ 2000 rpm
Continuous Gross Torque	433.92 N•m (320 Ft. Lbs.) @ 2000 rpm



For Continuous Operation above 2800 rpm contact PPO Engineering

## INSTALLATION DRAWINGS



## STANDARD FEATURES

**BREAKERLESS IGNITION**—is virtually maintenance free. The elimination of breaker points significantly reduces required maintenance time and cost over the life of the engine.

**COMPACT DESIGN**—enables an increased payload in a minimum amount of space. The compact design provides for an easier installation, and easier access to components.

**LOW COST PER HORSEPOWER**—The LSG-875 offers plenty of power at low cost. This engine offers one of the best values in cost per horsepower and cubic inch displacement of any gasoline, LPG or natural gas industrial engine on the market today.

**DRY FUEL CAPACITY**—The LSG-875 industrial engine is equipped with premium materials designed for LPG and natural gas operation—special hardened exhaust seat inserts and stellite faced exhaust valves are designed for extra long life.

In addition to special valve train features, the piston rings are also designed for LPG and natural gas operation. This all adds up to increased value and performance when running on LPG, natural gas or gasoline.

New Hypereutectic Pistons and Ring Pack with a 8:6:1 compression ratio.

## OPTIONS

### FLYWHEELS

- 11.5" Over Center Clutch Type
- 13" Spring Loaded Clutch Type

### CLUTCHES

- 11.5" Single Plate Over Center (integral with P.T.O.)
- 13" Single Plate Spring Loaded
- 13" Dual Plate Spring Loaded

### HOUSINGS

- SAE #2
- SAE #3
- Clutch Housing

### PTO

- 11.5" Single Plate Over Center Clutch type

### FANS

- 21"6 Blade Suction
- 21"6 Blade Pusher

### AIR CLEANERS

- Dry Hat Type
- Dry Remote Mount

### ALTERNATOR

- 51 Amp Motorola with Integral Regulator

### GOVERNOR

- Mechanical with Over Speed Switch

### EXHAUST SYSTEM

- Vertical Exhaust Pipes with Rain Caps

Specifications subject to change without notice.  
Some Ford Engines are produced for Ford by other companies



Power Products Division  
Geometric Results Incorporated  
28333 Telegraph Road  
Southfield, Michigan 48034  
Phone: 1-800-722-5787

The Source for Power...  
Worldwide™

For further information see your Ford Power Products Distributor.

PPO 192-422 (5-95)