

# WSG-1068

6.8-Litre  
10-Cylinder



Powerful  
Performance  
from one  
source.



# WSG-1068

## 6.8-Litre 10-Cylinder



### Options

#### Lifting Eyes

#### Flywheels

- 11.5" (292.1 mm) over-center
- 12.0" (304.8 mm) flat-faced

#### Flywheel Housings

- SAE #3 with feet, without side mounting pads
- SAE #3 with side mounting pads without feet
- SAE #3 with feet and side mounting pads

#### Clutch

- 12.0" (304.8 mm) spring loaded

#### Rubber Isolated Engine Support Brackets

- left-hand and right-hand

#### Ignition Control Module Harness

#### Generator

- 12V 110 AMP

#### Stainless Steel Exhaust Manifolds

#### Starter

#### FEAD with Single Serpentine Belt

### Warranty

Contact Ford Power Products  
for warranty details.

### Specifications

Engine Type.....	V-10
Bore and Stroke.....	3.55 in x 4.17 in (90.2 mm x 105.8 mm)
Displacement.....	6.8 Litre (415 CID)
Compression Ratio.....	9:1
Oil Capacity.....	6 qts including filter (4.26 litres)
Net Weight.....	640 Lbs. (290 Kgs.)
Base Engine Dimensions.....	H 30.4" x L 28.5" x W 31.7" (772.6 mm x 723.5 mm x 805.1 mm)

### Natural Gas (Corrected per SAE J1995)

Fuel Specification.....	1050 BTU/FT3
Intermittent Gross Power.....	225 HP @ 3600 RPM (168 kW @ 3600 RPM)
Continuous Gross Power.....	160 HP @ 3000 RPM (119 kW @ 3000 RPM)
Intermittent Gross Torque.....	336 Ft. Lbs. @ 3400 RPM (456 Nm @ 3400 RPM)
Continuous Gross Torque.....	283 Ft. Lbs. @ 2000 RPM (384 Nm @ 2000 RPM)

\*Data acquired using FPP specified open loop fuel system

### Liquefied Petroleum Gas (Corrected per SAE J1995)

Specification.....	HD-5
Intermittent Gross Power.....	223 HP @ 3600 RPM (166 kW @ 3600 RPM)
Continuous Gross Power.....	165 HP @ 3000 RPM (123 kW @ 3000 RPM)
Intermittent Gross Torque.....	343 Ft. Lbs. @ 3150 RPM (465 Nm @ 3150 RPM)
Continuous Gross Torque.....	289 Ft. Lbs. @ 3000 RPM (391 Nm @ 3000 RPM)

\*Data acquired using FPP specified open loop fuel system

### Standard Features / Benefits

**Composite Valve Train Covers** for reduced noise and resistance to corrosion

**Hydraulic Lash Adjusters with Roller Finger Cam Followers** for minimal friction and improved performance

**Tubular Cams with Powder Metal Lobes** for strength and durability

**Single Overhead Cams with Silent Timing Chain Drive System** for reduced noise and friction, and increased durability

**Aluminum Cylinder Heads with Long Reach Mounting Bolts into Main Bearing Bulkhead** to maintain resistance to heat distortion

**Optimized Combustion Process** for reduced emissions and improved efficiency

**Stainless Steel Cylinder Head Gaskets** for resistance to corrosion and increased cylinder block to cylinder head sealing

**Deep Skirted Cast Iron Block** for strength and durability

**Doweled, Cross-Bolted Four-Bolt Main Bearing Caps** for increased strength

**Forged Steel Crankshaft** for increased strength and durability

**Split Pin Crankshaft Journals** for smooth engine operation

**Powder Metal Connecting Rods** for high strength

**Hypereutectic Pistons with Teflon Coated Skirts and Low Tension Rings** for reduced friction and horsepower requirements

**Even Firing Order with Internal Balance Shaft** for vibration-free operation

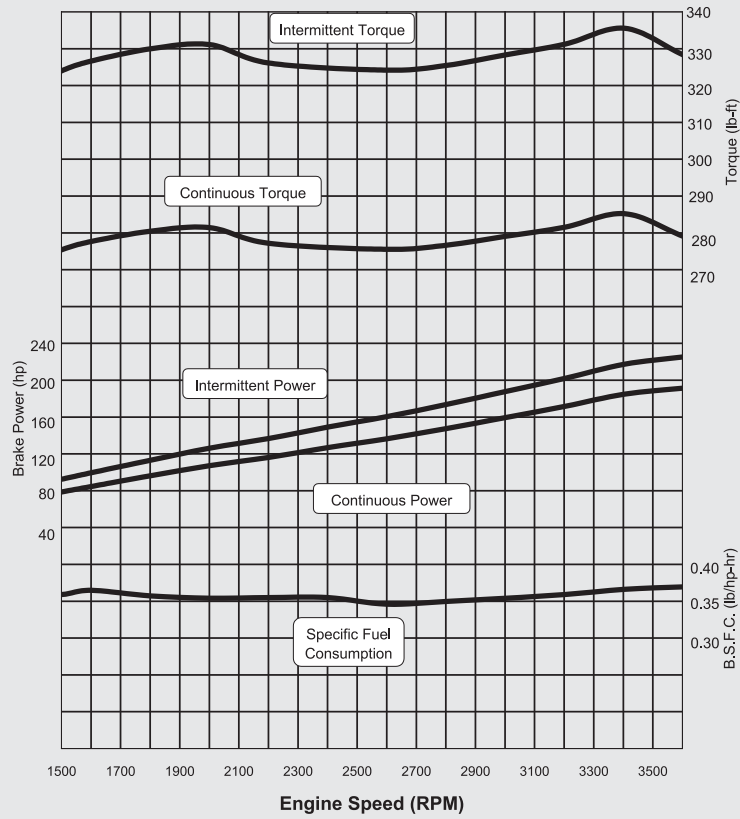
**Tuned Split-Plenum Intake** delivers significantly more torque and/or power throughout the engine speed range

**High Flow Water Pump** for maintaining optimum coolant flow

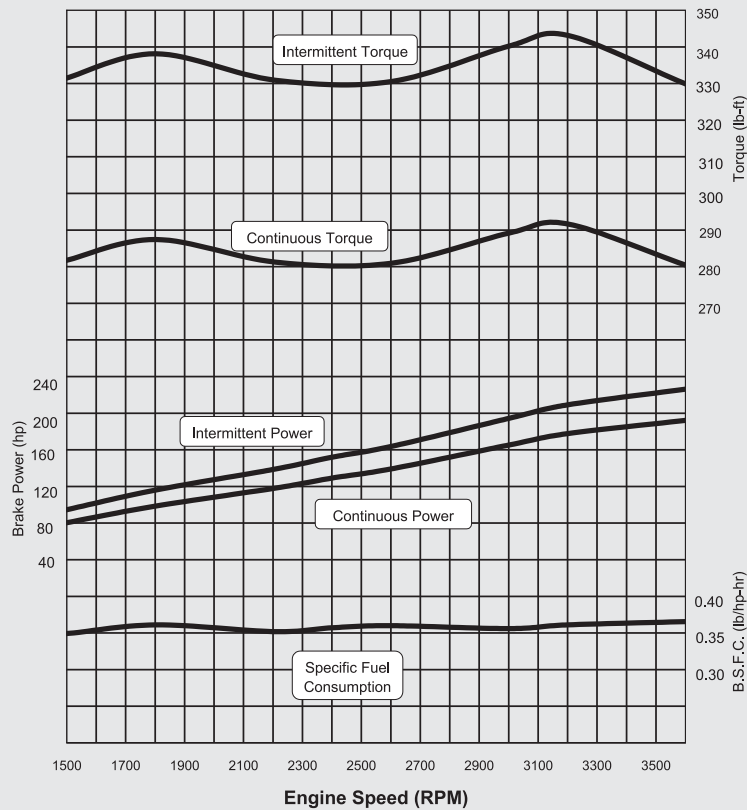
**Coil on Plug Ignition System** for reliable and effective spark delivery

# Power Curves (corrected per SAE J1995)

## Natural Gas

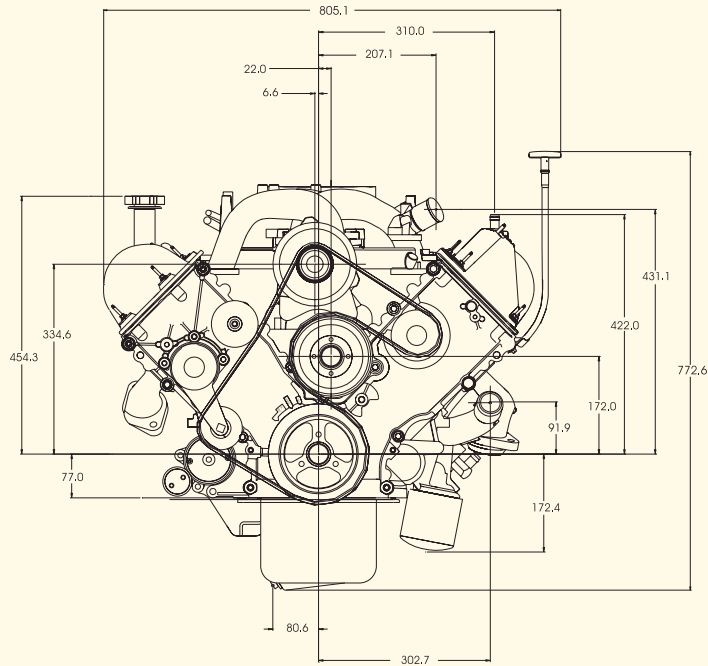


## Liquified Petroleum Gas



# Installation Drawings

Front End View



Left Side View

