WSG-1068
6.8-Litre
10-Cylinder

Powerful Performance from one source.

Ford
Power Products
**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

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

### Natural Gas (Corrected per SAE J1995)

<table>
<thead>
<tr>
<th>Specification</th>
<th>1050 BTU/FT³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermittent Gross Power</td>
<td>225 HP @ 3600 RPM (168 kW @ 3600 RPM)</td>
</tr>
<tr>
<td>Continuous Gross Power</td>
<td>160 HP @ 3000 RPM (119 kW @ 3000 RPM)</td>
</tr>
<tr>
<td>Intermittent Gross Torque</td>
<td>336 Ft. Lbs @ 3400 RPM (456 Nm @ 3400 RPM)</td>
</tr>
<tr>
<td>Continuous Gross Torque</td>
<td>283 Ft. Lbs @ 2000 RPM (384 Nm @ 2000 RPM)</td>
</tr>
</tbody>
</table>

*Data acquired using FPP specified open loop fuel system*

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

<table>
<thead>
<tr>
<th>Specification</th>
<th>HD-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermittent Gross Power</td>
<td>223 HP @ 3600 RPM (166 kW @ 3600 RPM)</td>
</tr>
<tr>
<td>Continuous Gross Power</td>
<td>165 HP @ 3000 RPM (123 kW @ 3000 RPM)</td>
</tr>
<tr>
<td>Intermittent Gross Torque</td>
<td>343 Ft. Lbs @ 3150 RPM (465 Nm @ 3150 RPM)</td>
</tr>
<tr>
<td>Continuous Gross Torque</td>
<td>289 Ft. Lbs @ 3000 RPM (391 Nm @ 3000 RPM)</td>
</tr>
</tbody>
</table>

*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

Specifications are subject to change without notice.