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
• 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>Feature/Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Type</td>
<td>V-10</td>
</tr>
<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>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>Details</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>

Liquefied Petroleum Gas (Corrected per SAE J1995)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</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>

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, 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 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
Installation Drawings

Power Curves (corrected per SAE J1995)

Natural Gas:

Liquefied Petroleum Gas:

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