

# WSG-1068 6.8-Litre V-10

PRELIMINARY

## NATURAL GAS (NG) and LIQUIFIED PETROLEUM GAS (LPG)

### Initial Production Release – Generators and Pump Applications

#### SPECIFICATIONS

Engine Type ..... V-10  
Bore and Stroke ..... 90.2 x 105.8 (mm)  
Displacement ..... 6.8 Litre (415 cu. in.)  
Compression Ratio ..... 9:1  
Oil Capacity ..... 6 Quarts  
Net Weight ..... 640 Lbs.

#### NATURAL GAS (CORRECTED PER SAE J1995)

Fuel Specification ..... 1050 BTU/FT<sup>3</sup>  
Intermittent Gross Power ... 238 HP (177 kW) @ 3600 rpm  
Continuous Gross Power ... 202 HP (151 kW) @ 3600 rpm  
Intermittent Gross Torque .. 353 Ft. Lbs. (478 Nm) @ 3400 rpm  
Continuous Gross Torque .. 300 Ft. Lbs. (407 Nm) @ 3400 pm

#### LP GAS (CORRECTED PER SAE J1995)

Fuel Specification ..... LPG HD-5  
Intermittent Gross Power ... 258 HP (192 kW) @ 3600 rpm  
Continuous Gross Power ... 221 HP (165 kW) @ 3600 rpm  
Intermittent Gross Torque .. 386 Ft. Lbs. (523 Nm) @ 2650 rpm  
Continuous Gross Torque .. 325 Ft. Lbs. (441 Nm) @ 2650 rpm

#### STANDARD FEATURES/BENEFITS

- SOHC with Silent Chain Drive
- Roller Valvetrain
- Coil on Plug Ignition
- Even Firing Order with Internal Balance Shaft
- Optimized Combustion Process
- Tuned Split-Plenum Intake
- High Flow Water Pump
- Steel Cylinder Head Gaskets
- Aluminum Heads with Long Reach Mounting Bolts
- Best-In-Class Carrier-type Gaskets
- Platinum Tipped Spark Plugs
- Select Fit Main Bearings
- Deep Skirt Block with Doweled, Cross Bolted Main Bearing Caps
- Forged Steel Crankshaft
- Split Pin Crankshaft Journals



- Cracked Powered Metal Connecting Rods
- Hypereutectic Pistons with Coated Skirts and Low Tension Rings
- Composite Cam Cover
- Composite Tubular Cams with Powered Metal Lobes

#### ENGINE OPTIONS

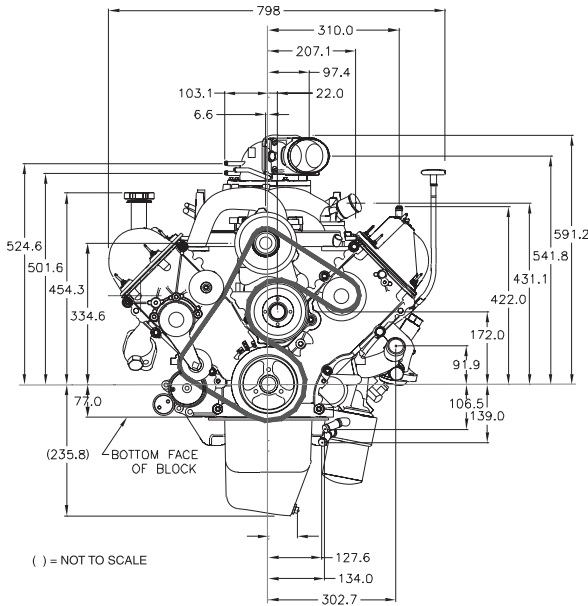
- Lifting Eyes
- SAE #3 Flywheel Housing with Feet
- Flywheel - 11.5" Over Center Clutch
- Flat Face Flywheel - 13" Spring Loaded Clutch
- Clutch - 13" Spring Loaded
- Engine Support Brackets LH & RH - Truck-type
- Ignition Control Module and Harness
- Alternator 12V - 110A
- Stainless Steel Exhaust Manifolds
- Air Cleaner System
- Starter
- FEAD with Single Serpentine Belt



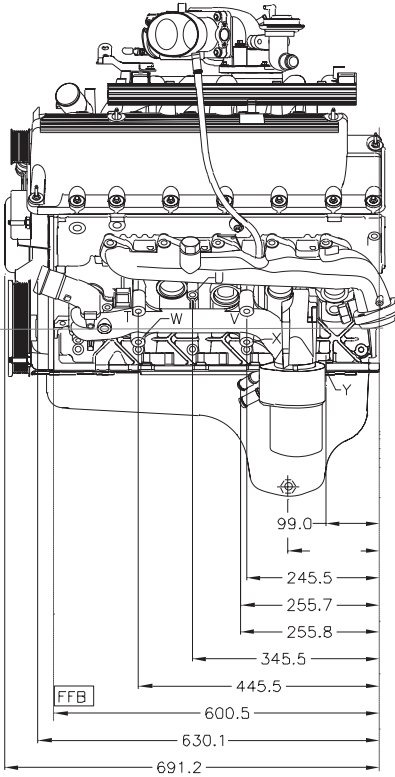
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## INSTALLATION DRAWINGS



**FRONT END VIEW**

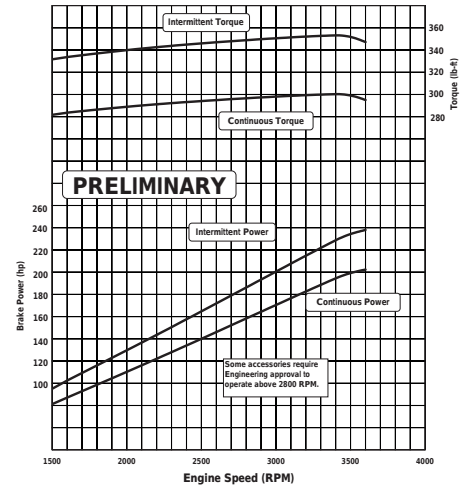


**LEFT SIDE VIEW**

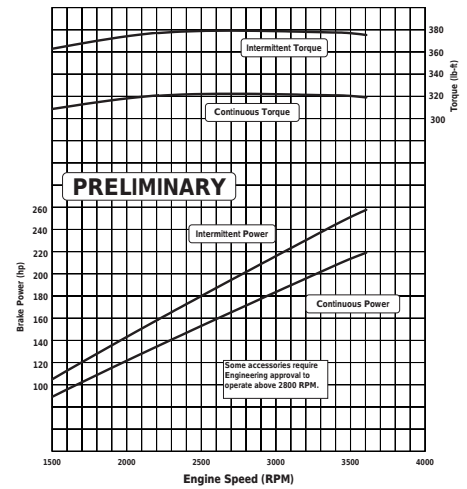
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## POWER CURVES (CORRECTED PER SAE J1995)

### Natural Gas:



### Liquified Petroleum Gas:



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



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