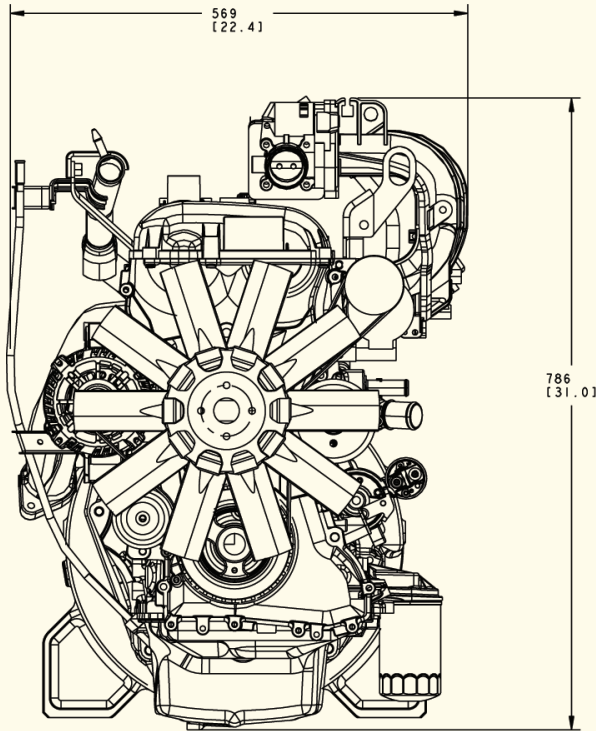
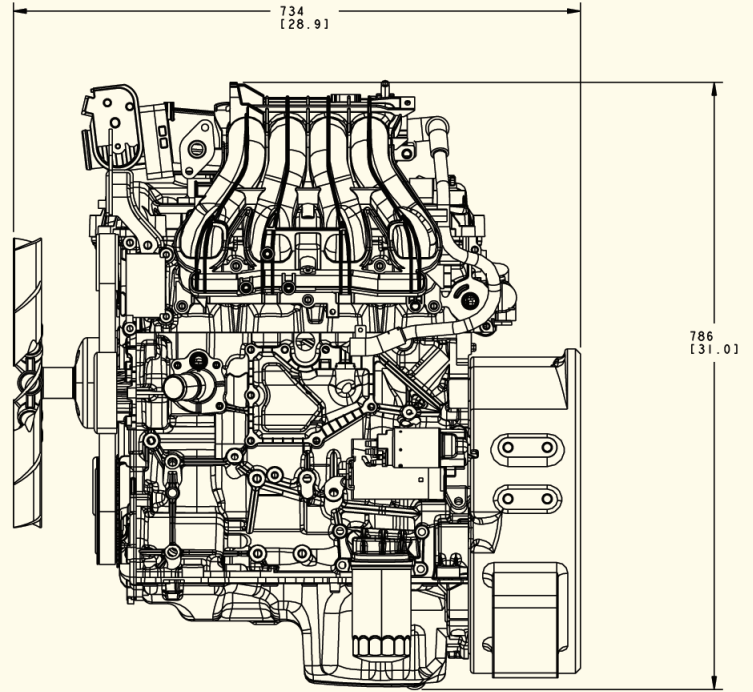


Installation Drawings

Front End View

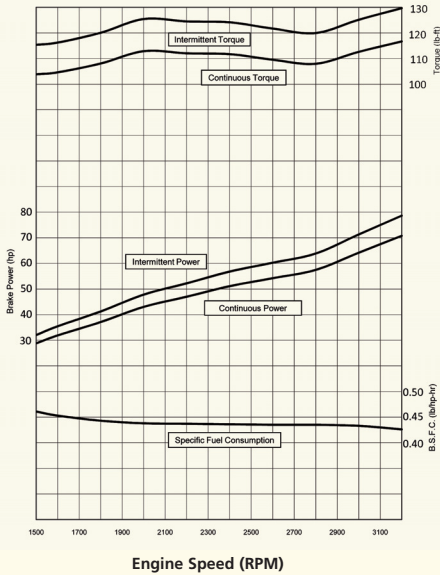


Left Side View

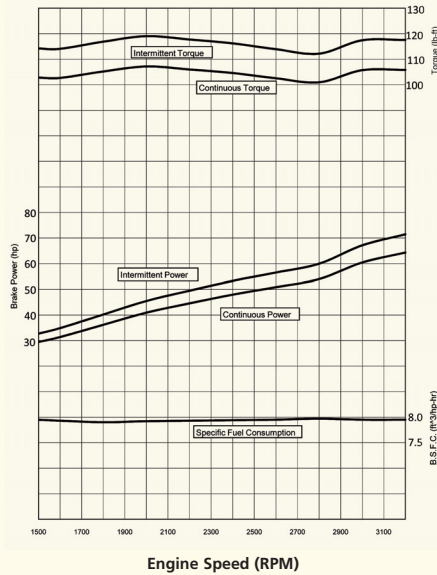


Power Curves (corrected per SAE J1995)

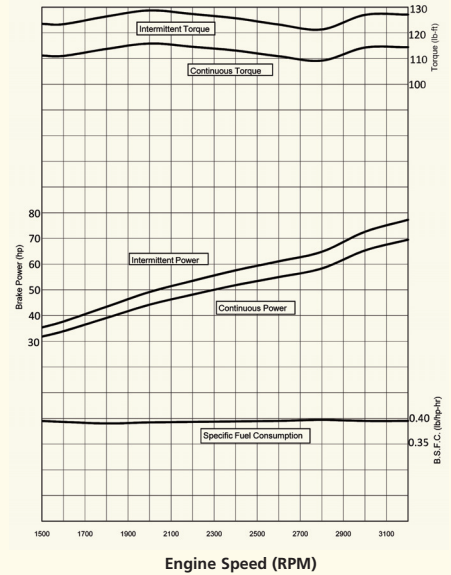
Gasoline



Natural Gas



Liquefied Petroleum Gas



Powertrain Assemblies
& Components
Provided By Ford
Component Sales

For additional information Contact:

**ENGINE
DISTRIBUTORS
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856/228-7298 • Fax:856/228-5531
www.edi-dist.com

DSG-423^{EFI}

2.3-Litre 4-Cylinder



Options

Engine Cooling Fans

- 15" (381mm) diameter suction
- 15" (381mm) diameter pusher

Flywheels

- 10" (254mm) SAE over-center clutch
- flat face flywheel

Flywheel Housings

- SAE #4

Exhaust Manifold

- rear dump down

Power Steering Pump

Wiring Harnesses

Discrete Speed Switch

Variable Speed Hand Throttle

Variable Speed Foot Pedal

Engine Mounts

- Automotive with insulators
- Open power unit

Electronic Instrument Panel, Gauges

Three Way Catalyst / Muffler

Transmissions

5R55E electronic shift

Emissions Information

California Air Resources Board (CARB)
Environmental Protection Agency (EPA)
Emission Certified Packages Available.

Warranty

Contact Engine Distributors, Inc
for warranty details.



Powertrain Assemblies
& Components
Provided By Ford
Component Sales

Specifications

Engine Type	I-4
Bore and Stroke	3.44" x 3.7" (87mm x 94mm)
Displacement	2.3 Litre (140 CID)
Compression Ratio	9.7:1
Oil Capacity.....	4 qts. including filter
Net Weight	290 Lbs. with accessories (132 Kgs.)
Dimensions	L 23" x W 22.4" x H 31" (584 mm x 569 mm x 787 mm)

Gasoline (corrected per SAE J1995)

Unleaded 87 or 89 octane		
Intermittent Power	78 [HP] @ 3200rpm	(58 [kW] @ 3200rpm)
Continuous Power	71 [HP] @ 3200rpm	(53 [kW] @ 3200rpm)
Intermittent Torque	129 [ft-lbs] @3200rpm	(175 [N-m] @ 3200rpm)
Continuous Torque	116 [ft-lbs] @3200rpm	(157 [N-m] @ 3200rpm)

Natural Gas (corrected per SAE J1995)

Fuel Specification	1050 BTU/FT3	
Intermittent Power	71 [HP] @ 3200rpm	(53 [kW] @ 3200rpm)
Continuous power	64 [HP] @ 3200rpm	(48 [kW] @ 3200rpm)
Intermittent Torque	117 [ft-lbs] @3200rpm	(158 [N-m] @ 3200rpm)
Continuous Torque	105 [ft-lbs] @3200rpm	(142 [N-m] @ 3200rpm)

Liquefied Petroleum Gas (corrected per SAE J1995)

Fuel Specification	HD-5	
Intermittent Power	77 [HP] @ 3200rpm	(57 [kW] @ 3200rpm)
Continuous Power	69 [HP] @ 3200rpm	(51 [kW] @ 3200rpm)
Intermittent Torque	127 [ft-lbs] @3200rpm	(172 [N-m] @ 3200rpm)
Continuous Torque	114 [ft-lbs] @3200rpm	(154 [N-m] @ 3200rpm)

Standard Features / Benefits

Set-for-life valvetrain

Deep skirted, ribbed cylinder block casting for rigidity

Aluminum AA319 cylinder block cast with the Cosworth process,
including cast-in-place iron cylinder liners.

Chain driven dual camshafts with automatic tensioning system

Structural front cover and oil pan

Alternate fuel ready valvetrain components

Individual coil on plug electronic ignition

Cast aluminum camshaft cover to ensure warp-free sealing

Sintered metal connecting rods

Nodular iron crankshaft, featuring five main bearings,
eight counterweights

Broadband knock sensor, calibrated for individual cylinder use

Gasoline Sequential Port Fuel Injection

Closed loop fuel control for all fuels

Electronic engine management system with built-in engine
protection against detonation, high coolant temperature, low oil
pressure, over speed shutdown and starter lockout

Next generation governing – discrete speeds, variable speeds,
drive by wire – using the highest quality components.