

ISD-873

Open Power Unit

7.3-Litre

V-8 Power Stroke™



Options

Remote Throttle Control
Base ISD-873 Engine Available

Transmissions

Accompanying transmissions are available for the ISD-873 through Ford Power Products.

Emissions Information

EPA Emissions Certified

Warranty

Contact Ford Power Products for warranty details.



The Source for Power...
Worldwide™

Specifications

Engine Type	V-8
Bore and Stroke	4.11 in x 4.18 in (104.4 mm x 106.2 mm)
Displacement	7.3 Litre (445 CID)
Compression Ratio	17.5:1
Oil Capacity	18 Qts (17.03 litres)
Net Weight	930 Lbs (422 Kgs.)
Base Engine Dimensions	H 36.7" x L 36.3" x W 33.2" (932.2 mm x 922.0 mm x 843.3 mm)

Diesel

Fuel System	HEUI (Hydraulic Electronic Controlled Unit Injection)
Continuous Gross Power	210 HP to 250 HP @ 2300 RPM (157 kW to 186 kW @ 2300 RPM)
Continuous Gross Torque	420 Ft. Lbs. to 650 Ft. Lbs. @ 2300 RPM (569 Nm to 881 Nm @ 2300 RPM)

Standard Features/Benefits

Leading choice in North America for diesel powered super duty pick-up trucks

Gear-Driven Engine Timing Components for trouble-free operation, greater reliability and durability

Hydraulic Tappets with Roller Followers eliminate the need for valve lash adjustment

Plateau-Honed Cylinder Bores contribute to long bore life, superior oil control and uniform piston ring lubrication

Forged Micro-Alloy Steel Crankshaft Fillets and Journals are induction-hardened for strength and durability

Large Bearing Surfaces ensure long engine life

Advanced Manufacturing Processes ensure precision and uniformity

Forged Steel Connecting Rods with Large Bearing Surfaces provide exceptional strength and long engine life

Piston Cooling Jets provide optimum temperature control and lubrication, resulting in long engine life

Keystone Plasma-Faced Top Ring minimizes oil consumption and emissions while increasing power cylinder life

Standard Electronic Glow Plugs provide unaided cold starts down to -20 degrees F / -28 degrees C

Optimized Turbocharger provides powerful, economical and quieter operation

Air-to-Air Intercooling on All Ratings provides maximum efficiency, fast response and consistent performance at virtually any altitude

Open Power Unit Configuration

Available Continuous Horsepower Ratings

- 210
- 230
- 250

Flywheel Housings

- SAE #2
- 2.88" (73.1 mm) throw-out bearing and adapter

Serpentine Belt Drive System

65 Amp Alternator

12 V Starter

Dual V-belt Crankshaft Pulley for up to a 50 HP Load

International (Siemens) Engine Controller

Oil Filter

Lube Oil Pre-heater

Oil Cooler

Fuel Filter

Fuel/Water Separator

Fuel Transfer Pump

Fuel Heater

Engine Wiring Harness with Sensors

Engine Cooling Package

- radiator
- charge air cooler
- fan (suction or pusher)
- fan guard

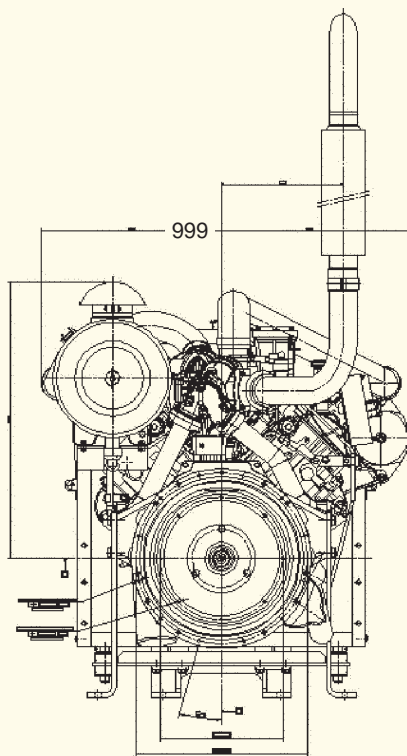
Engine Stands

Air Filter

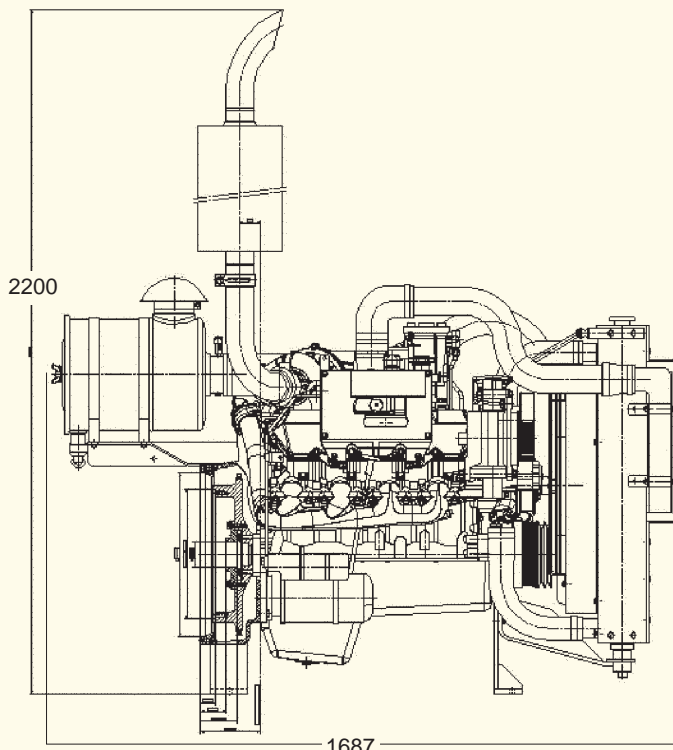
Muffler

Control Panel

- key switch
- amp gauge
- oil pressure gauge
- water temp gauge
- potentiometer throttle control
- tachometer



Front End View

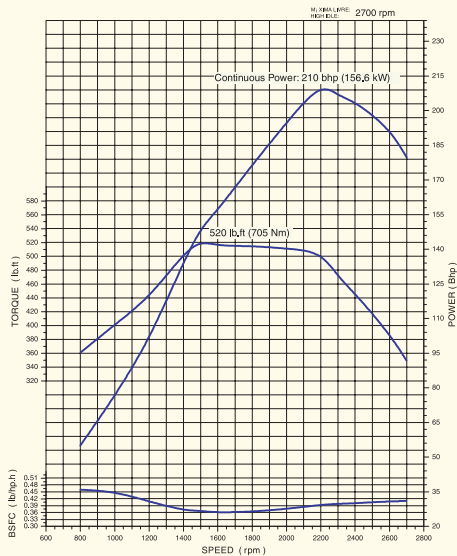


Left Side view

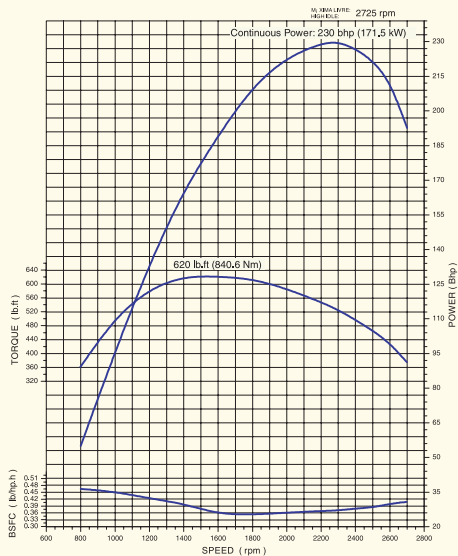
Measurements	mm
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Power Curves (corrected per SAE J1995)

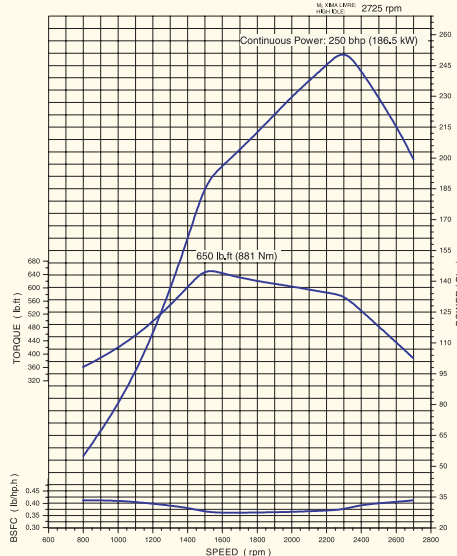
210 HP



230 HP



250 HP



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



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Contact Ford Power Products or your local FPP distributor for additional information

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