

# ISD-873

## Base Industrial Engine

### 7.3-Litre V-8 Power Stroke™



#### Options

**Dual V-belt Crankshaft Pulley** for up to a 50 HP Load  
**Open Power Unit 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 (444 CID)
Compression Ratio .....	17.5:1
Oil Capacity .....	20 Qts (19.0 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 .....	175 HP to 250 HP @ 2300 RPM (130 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, and 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

#### Base Industrial Engine Configuration

##### Available Continuous Horsepower Ratings

- 175
- 210
- 230
- 250

##### Flywheel Housings

- SAE #2
- 2.88" (73.1 mm) pilot hole in adapter

##### Serpentine Belt Drive System

65 Amp Alternator

12 V Starter

International (Siemens) Engine Controller

Oil Filter

Lube Oil Pre-heater

Oil Cooler

Fuel Filter

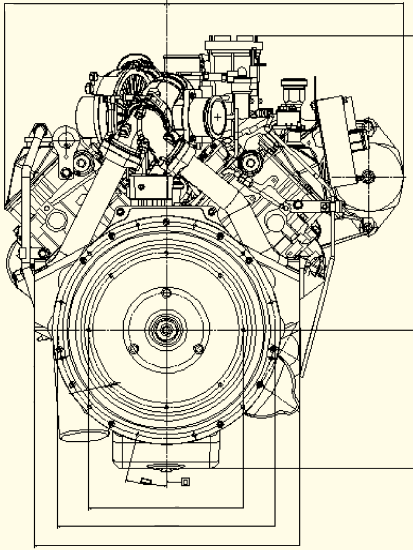
Fuel/Water Separator

Fuel Transfer Pump

Fuel Heater

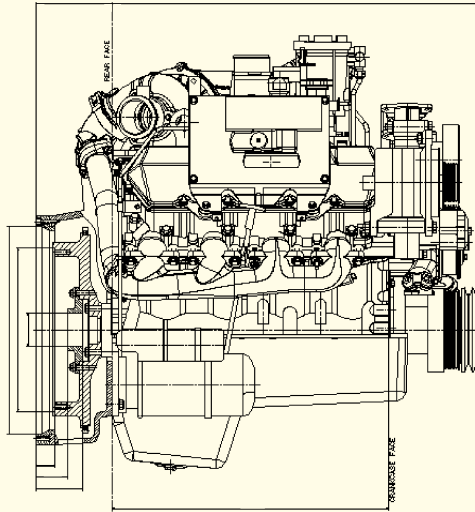
Engine Wiring Harness with Sensors

857



Front End View

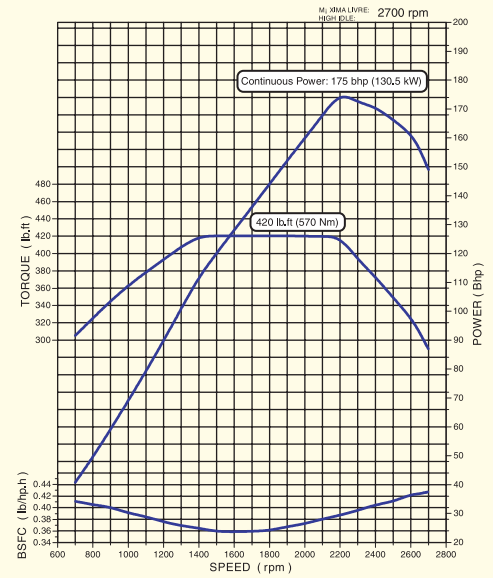
958.9



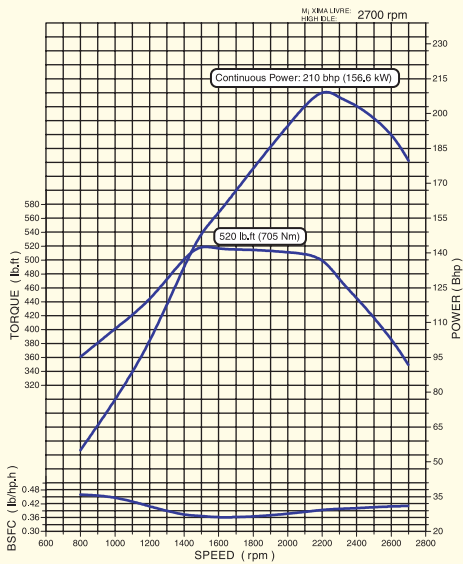
Left Side View

Measurements mm

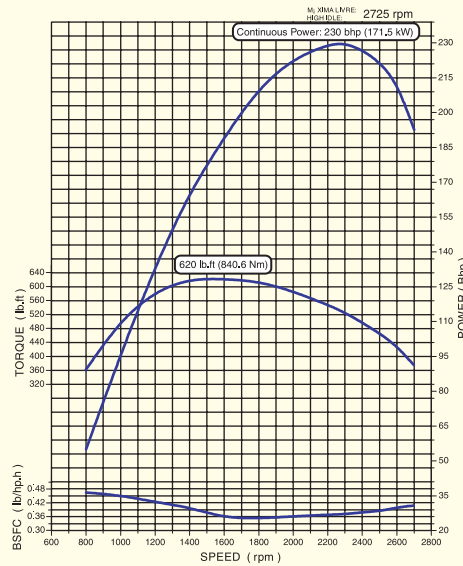
175 HP



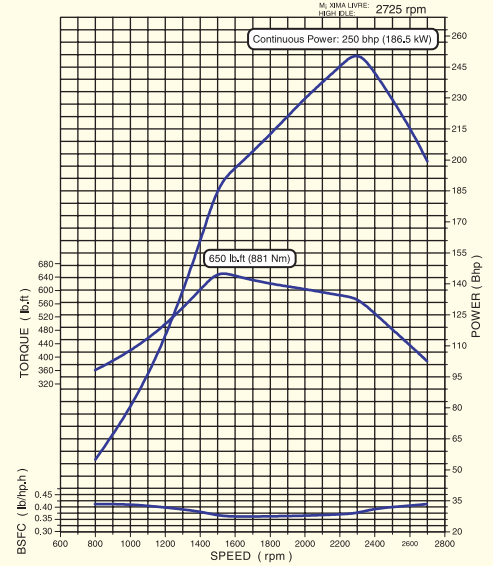
210 HP



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

**Ford Power Products**  
 15700 Lundy Parkway Drive  
 Suite 200  
 Dearborn, Michigan 48126  
 Phone: 1-800-833-4773  
 Fax: 1-313-619-2600

**Ford Power Products GmbH**  
 Stolberger Str. 313  
 D-50933 Köln, Germany  
 Phone: 49-221-94700 562  
 Fax: 49-221-94700-560

Corporate Web Site: [www.fordpowerproducts.com](http://www.fordpowerproducts.com)

**Ford Power Products Ltd.**  
 20/586 Arisdale Avenue  
 South Ockendon  
 Essex, RM 15 5TJ England  
 Phone: 44-1708-672 677  
 Fax: 44-1708-672-349