

ROTATING RIGHT

GM 4.3L VORTEC ENGINE



POWERTRAIN Industrial Engines



GM Powertrain takes its expertise in designing outstanding Vortec truck and SUV engines and leverages it to make sophisticated yet extremely durable industrial engines.

Applications

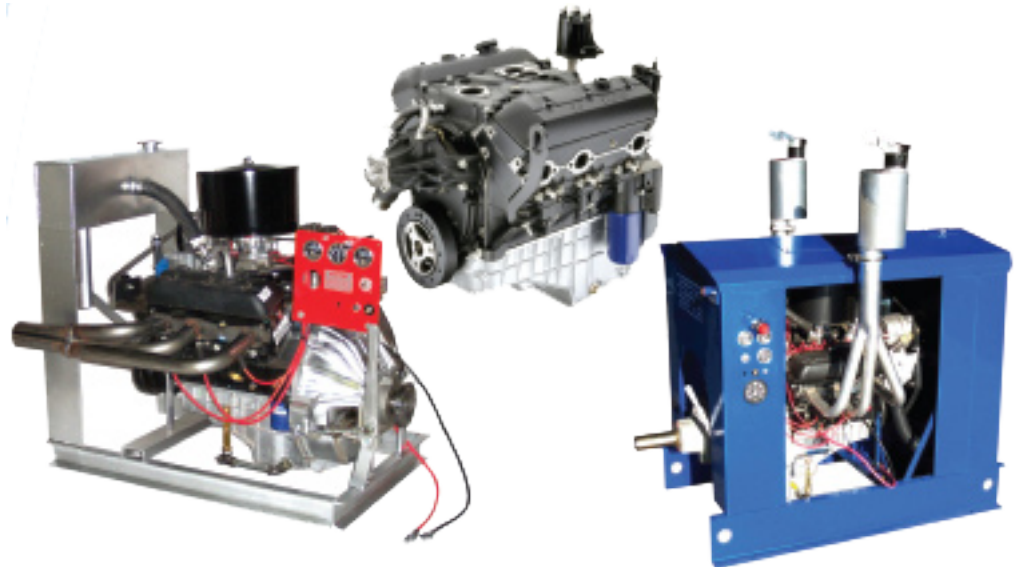
Industrial, Agriculture
Construction & Oilfield

- Pumps –Irrigation, Industrial, Hydraulic Sludge and Trash
- Compressors – Natural Gas and Air
- Generators –Prime Power, Standbyand Co-Gen
- Industrial Drives – Forklifts, Manlifts,Street Sweepers, Wood Chippers,Chillers and Fans
- Oil and Gas Production Gas Compressors, Pump Jacks, Vapor Recovery
- Wind Machines
- Numerous Re-Power & Custom Applications

Available Factory Installed Options

- Natural Gas and LPGFuel Systems
- Ignition Systems
- Belt and Pulley Accessory Drives
- Starters and Alternators
- Spark Protected Ignition
- Exhaust Headers & Manifolds
- Mufflers
- SAE 3 Flywheel Housing and Direct Drives
- PTOs:Side Load and In-Line
- Instrument Panel w/Gauges and SafetyShutdowns
- Governor Electronic & Mechanical
- Radiator and Heat Exchanger Cooling Systems
- Engine Mounting Frames and Enclosures
- Three Way Catalyst

Vortec™ 4.3L 6 Cylinder – 262 Cubic Inches



Features & Benefits:

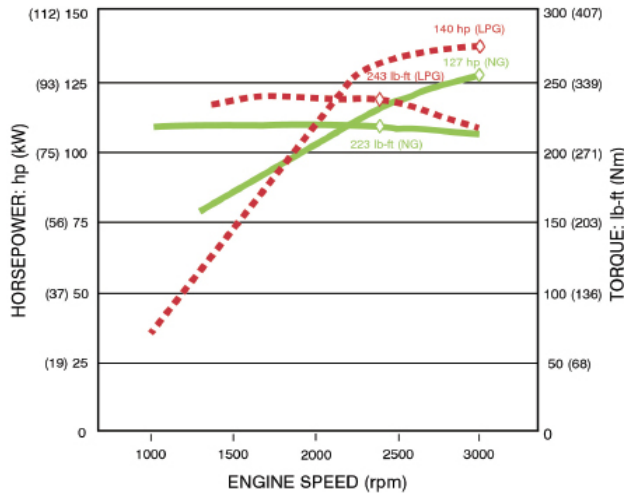
- Designed for gasoline,propane and natural gas fuel.
- World-class engine sealing system for superior leak protection.
- Roller valve lifters and roller rocker arms forreduced friction and improved fuel economy
- Counter-rotating balance shaft for smoothperformance and low noise
- Nodular iron crankshaft for increased strength and durability.
- High Energy Ignition (HEI) distributor and coil are standard.
- Composite rocker arm cover and front coverfor noise reduction
- Intake manifold standard
- Cast aluminum oil pan for increased strengthand noise reduction
- Common GM Powertrain industrial engine rear face for easy housing installation.



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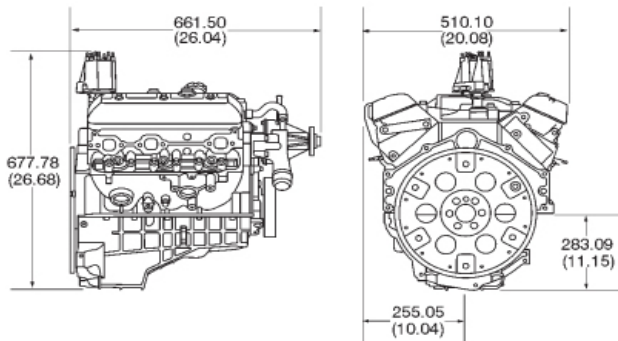


Power and torque figures provided by GM Powertrain per SAE J1995. Actual power levels may vary depending on fuel selection and quality, calibration, application, altitude and ambient air temperatures.

CONTINUOUS BRAKE HORSEPOWER FOR HIGH PLAINS IRRIGATION APPLICATION

GEARHEAD	1x1	6x5	5x4	4x3	3x2
ENGINE RPM	1760	2112	2200	2346	2640
BHP	48	58	61	63	72

RATED @ 3200 FT ELEVATION WITH NATURAL GAS FUEL



Horsepower:

140 hp @ 3000 rpm (Propane) 127 hp @ 3000 rpm (Natural Gas)

Torque:

243 lb-ft @ 2400 rpm (Propane) 223 lb-ft @ 2400 rpm (Natural Gas)

Specifications and Materials

- Type: 90° 4.3L V6
- Displacement: 262 cld (4294 cc)
- Compression Ratio: 9.4:1
- Valve Configuration: Overhead / Pushrod Actuated
- Valve Lifters: Hydraulic Roller
- Bore x Stroke: 4.00 x 3.48 in (101.60 x 88.39 mm)
- Main Bearing Caps: 2-Bolt
- Balance Method: External
- Intake Manifold: Two barrel
- Firing Order: 1-6-5-4-3-2
- Oil Pan Capacity: 4.5 qt without oil filter
- Fuel Type: Gasoline, Propane or Natural Gas
- Engine Rotation: Clockwise (from the front)
- Paint Protection: Component Painted
- Shipping Weight: 434 lb (197 kg)
- Block: Cast Iron
- Cylinder Head: Cast Iron
- Intake Manifold: Cast Iron
- Final Assembly: Lubbock, TX USA

Manufactured with US, North American and Global Sourced Content

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