

Oxx Power™

Industrial Engines



PRELIMINARY SPECIFICATIONS

HEC216I
1.6L 2-Cylinder
45 HP 33kW

10 Points of Interest

1. Oxx Power block and cylinder head offers increased strength and durability for prolonged operation using dry fuels.
2. 4.5 qt. Full sump industrial oil pan ensure adequate lubrication.
3. Dual injectors per cylinder with advanced throttle body allows engine to be configured for multi-fuel applications
4. Hi-Capacity cooling pump provides greater water flow for increased demand applications.
5. Super Heavy-Duty crankshaft provides a strong core for fuels requiring high cylinder pressures.
6. Corrosion resistant Oxide finish
7. Dyno tested to ensure performance and quality
8. 3 Year or 3000 Hour Warranty
9. Shortest 1.6L engine anywhere
10. Most parts are interchangeable with Oxx Power 2.4L and 4.9L models

Standard Features

- **Precise Static Balancing** for smooth operation & durability
- **Custom Ground Cam** for improved low speed torque & power
- **Decked Cast Iron Cylinder Block** with Seven Main Bearing Journals for superior strength & durability
- **Full Length Water Jackets** surrounding each cylinder
- **Decked Alloy Cast Iron Cylinder Head** for long maintenance free operation
- **High Flow Water Pump** for optimum coolant flow
- **All Engines are Dyno Tested** over the entire RPM range to guarantee proper function before oil is drained prior to shipping
- **H2 Fuel Equivalence Ratio is .4** for near zero emissions

Typical Power Ratings

Rated Power @ 3600 RPM 45 HP (33 kW)

Peak Torque @ 2000 RPM Intermittent: 65 Ft. Lbs. (88Nm)

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Specifications

Engine Type..... Inline 2-cyl
Bore & Stroke..... 4.03" X 3.98" (102.1 X 101.1mm)
Displacement 1.6L (100 CID)
Compression Ratio Depends on fuel type
Oil Capacity..... 4.5 qts. (4.2 L) including filter
Net Weight XX lbs. (XX Kgs.)
Fuel Gas, Ethanol, LPG, CNG, H2 & NH3

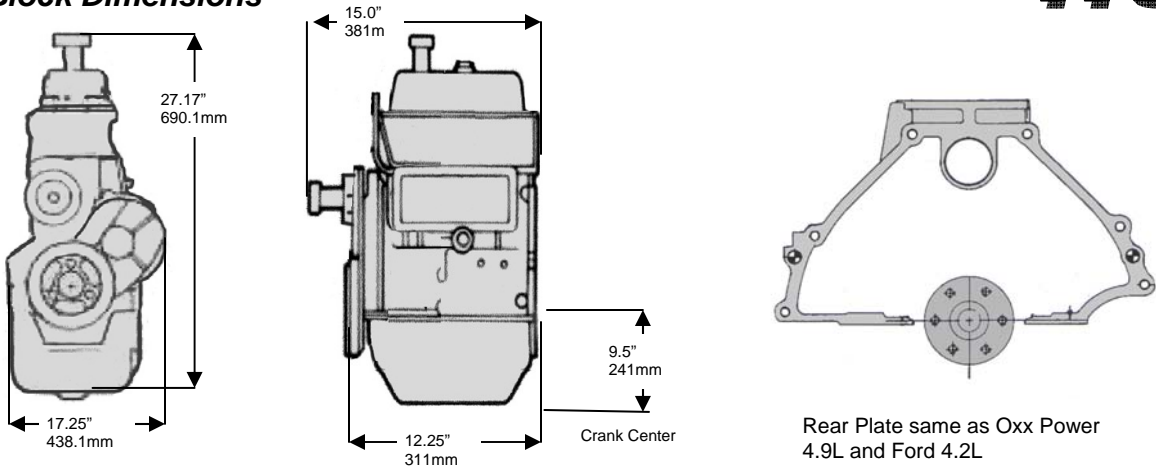
Specifications subject to change without notice.

By

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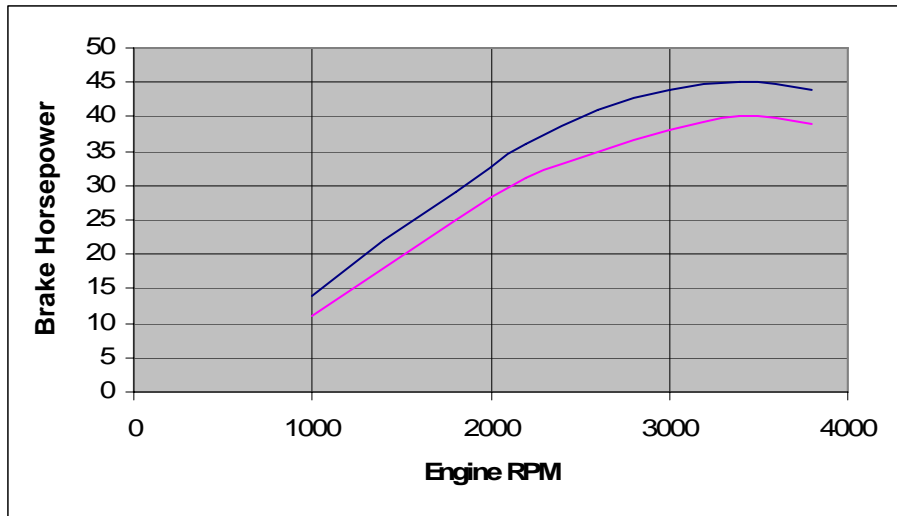
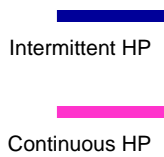
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Long Block Dimensions



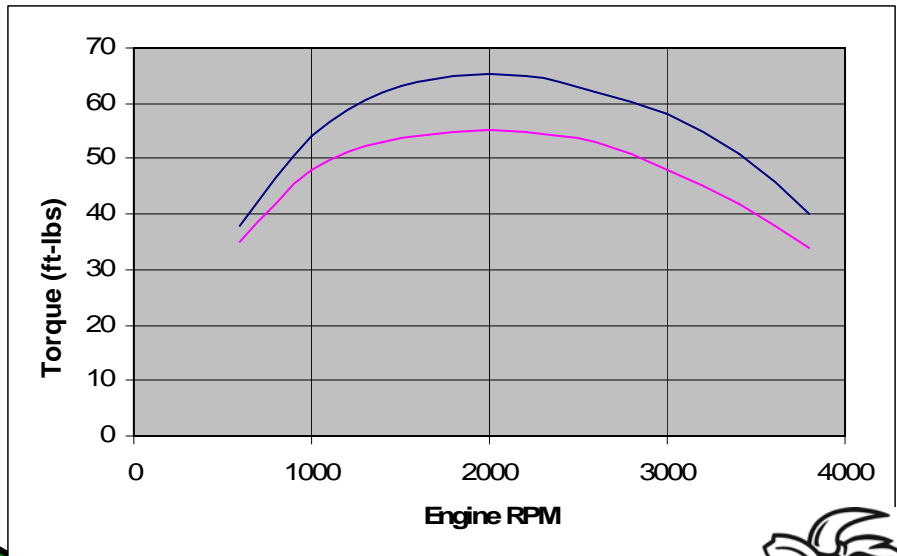
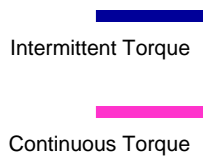
Power Curves

Corrected per SAE J1995



Typical Power Curves

Actual power will depend upon fuel system used and engine tuning



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