



# Freedom Motors

The 4-Cycle Rotary Rotapower® 150cc Engine

## The Power of Freedom

- Based on Wankel rotary engine design
- Fuel efficient, low emissions
- Very low vibration
- Low cost to maintain

## Outstanding Compact Power

Power to weight is:

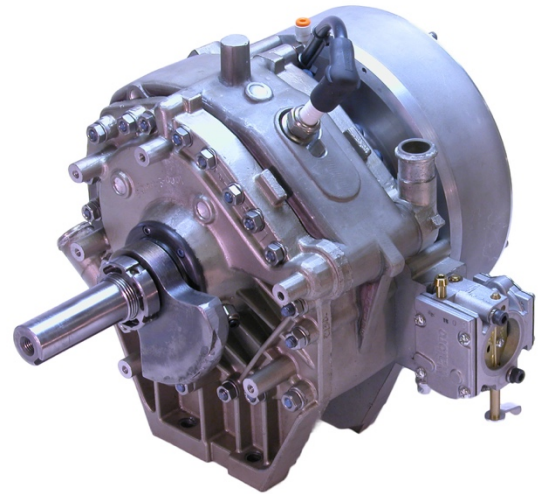
- Superior to typical two-stroke engines
- 75% better than four-stroke piston gasoline engines
- 125% better than diesel engines

## Durability

- Low vibration
  - Rotary motion--No reciprocating motion
  - Dynamically balanced
- Simplicity
  - Low moving part count
  - No timing chain, valves, camshaft, push rods, connecting rods, etc.
- Charge-cooled rotor eliminates costly and complex components to cool rotor

## Superior Emissions Performance

In tests witnessed by Dr. Andrew Burke from the Institute of Transportation Studies (ITS), UC Davis, emissions from the Rotapower engine on gasoline were substantially below the Ultra Low Emissions Vehicle (ULEV) standard for California. In recent tests on ethanol the emissions were below the Super Ultra Low Emissions Vehicle (SULEV) standard.



150 size - compared with coffee mug



**Freedom Motors**

410 Gateway Plaza, Suite G  
Dixon, CA 95620 USA

Telephone: 530-756-1230 • Email: [sales@freedom-motors.com](mailto:sales@freedom-motors.com)

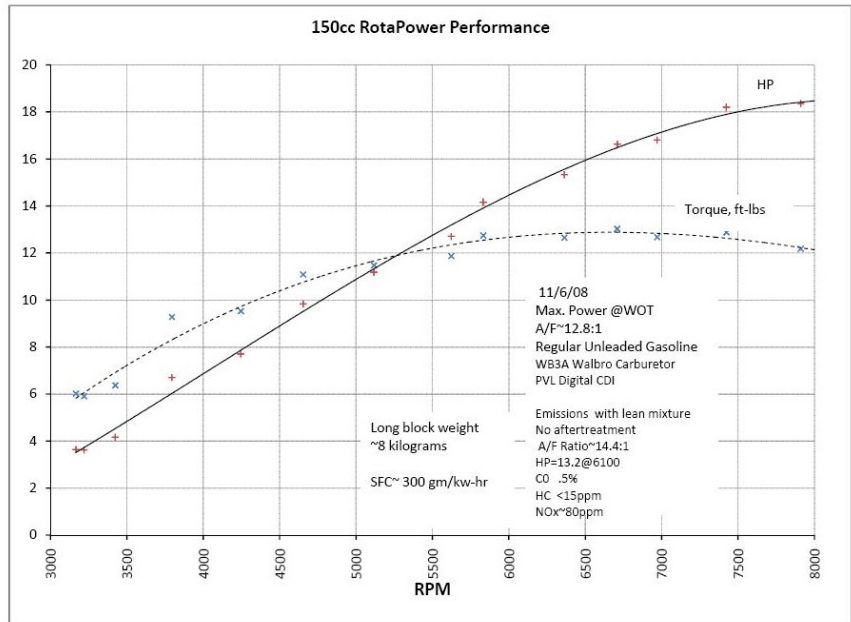
[www.freedom-motors.com](http://www.freedom-motors.com)

*Experience the Power of Freedom*

## Rotapower 150cc Maximum Power Sweep RPM Test

### Specifications

- Single rotor, 150cc displacement
- 15 HP @ 6,000 RPM
- 25 lbs
- 18cm L x 18cm W x 18cm H  
(7" L x 7" W x 7" H)
- Gasoline carburetor (standard)\*
- Fuel injection (optional)
- Electric starter
- Spark ignition
- Coolant pump
- Metered oil lubrication system
- 32 Amp generator coil (standard)
- Specifications for battery, exhaust and cooling system provided
- Metric standard design

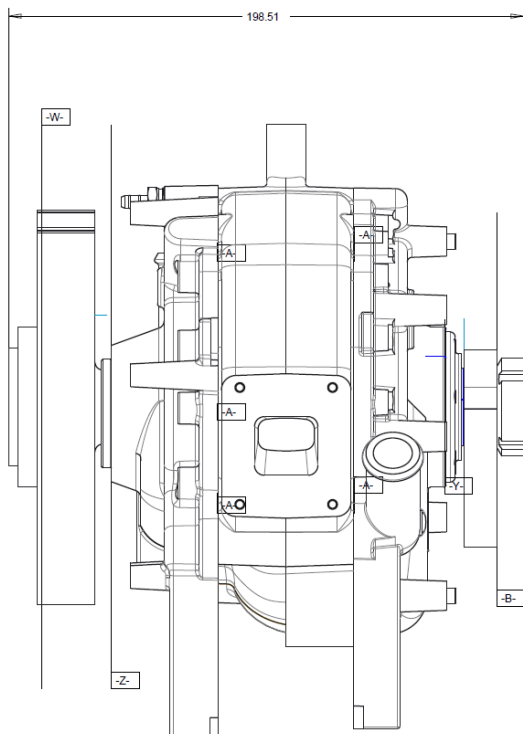


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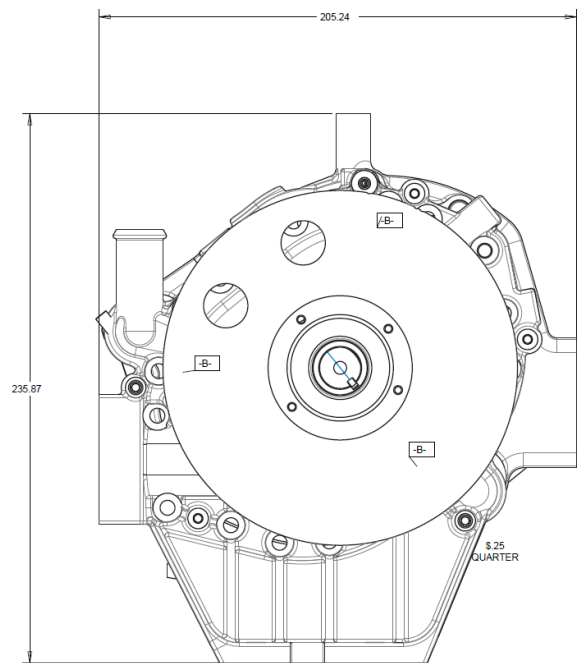
- Incorporated in the State of Nevada, April 1997
- Exclusive worldwide right to manufacture and distribute the Rotapower engine for all applications except ducted fans and aircraft

### Price per unit

- Price based on application & volume



Rotapower 150 – Side View



Rotapower 150 – End View

\* Configurable for other light fuels such as natural gas, alcohol, propane, etc. at additional cost.



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