

Wankel Rotary Engine 125CS 20BHP

Key Benefits

- Clean
- Multi-fuel
- Compactness
- Low vibration
- Long endurance
- Few moving parts
- High power-to-weight
- Low total cost of ownership
- Revolutionary cooling system



9.6 in
(243 mm)



Fuel Consumption

0.51 - 0.57 lb/hp/hr
(310 - 350 g/kWh)



Cooling System

Liquid-Cooled
Patented SPARCS*



Engine Power Output

20 bhp (15 kW)



Time Between Overhaul

500+ hrs



Engine Core Weight

15.4 lb (7 kg)



Fuel Type

AVGAS / Gasoline
Heavy Fuels

Applications



- Small Vehicles & UGVs
- Range Extenders



- Small-Medium UAVs
- Auxiliary Power Units

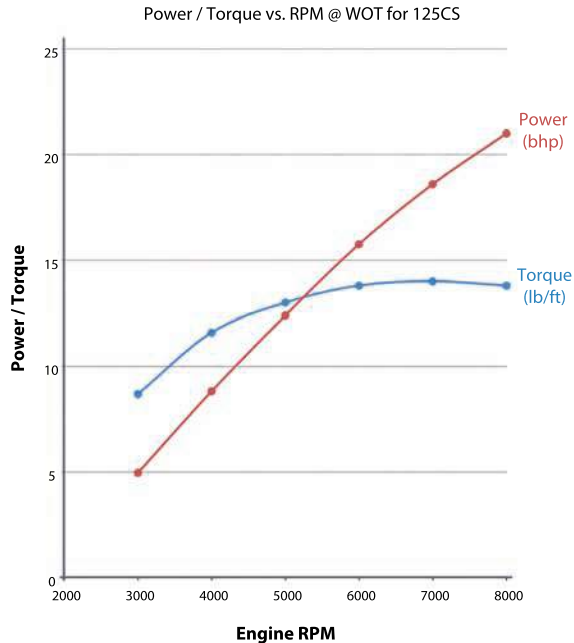


- Unmanned Surface Vehicles
- Hybrid Watercraft

Specification

Wankel Rotary Engine

125CS 20BHP



Engine Type	Single Rotor
Power Output	20 bhp (15 kW)
Weight	15.4 lb (7 kg) Core Weight
Displacement	7.6 cu in (125cc)
Torque	14 lb/ft @ 8000 rpm
Compression	9.6:1
Fuel Type	AVGAS / Gasoline / Heavy Fuels
Fuel Consumption	0.51 - 0.57 lb/hp/hr (310 - 350 g/kWh)
Cooling System	Liquid-Cooled Patented SPARCS*
Ignition System	Single Spark Plug / CDI
Engine Control System	Full Electronic Engine Management
Oil System	Digitally Optimised Lubrication
Configuration	Pusher / Tractor
Options	Generator / Reduction Drive

*Self-Pressurising-Air-Rotor-Cooling-System

