

Wankel Rotary Engine 225CS 40BHP

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



10.7 in
(274 mm)



Fuel Consumption

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



Cooling System

Liquid-Cooled
Patented SPARCS*



Engine Power Output

40 bhp (30 kW)



Time Between Overhaul

500+ hrs



Engine Core Weight

22 lb (10 kg)



Fuel Type

AVGAS / Gasoline
Heavy Fuels

Applications



- Automotive Range Extenders
- Unmanned Ground Vehicles



- Medium Tactical UAVs
- Hybrid-Electric Propulsion



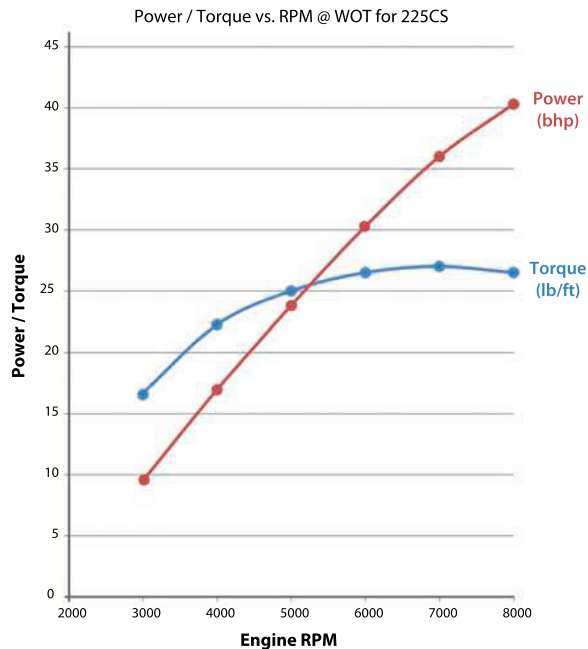
- Unmanned Maritime Systems
- Small Watercraft & APUs



Specification

Wankel Rotary Engine

225CS 40BHP



Engine Type	Single Rotor
Power Output	40 bhp (30 kW)
Weight	22 lb (10 kg) Core Weight
Displacement	13.7 cu in (225cc)
Torque	27 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	Twin 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

