

# 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)



**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



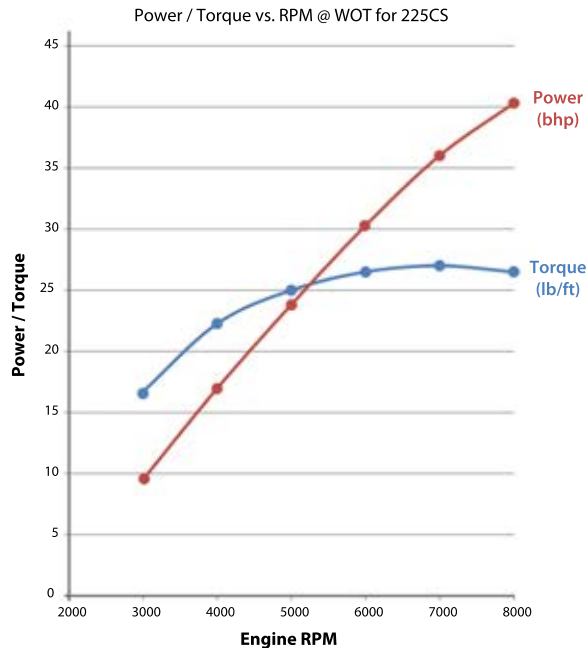
- Unmanned Maritime Systems
- Small Watercraft & APUs



# 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
Cooling System	Liquid-Cooled Patented SPARCS*
Ignition System	Twin Spark Plug
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

