

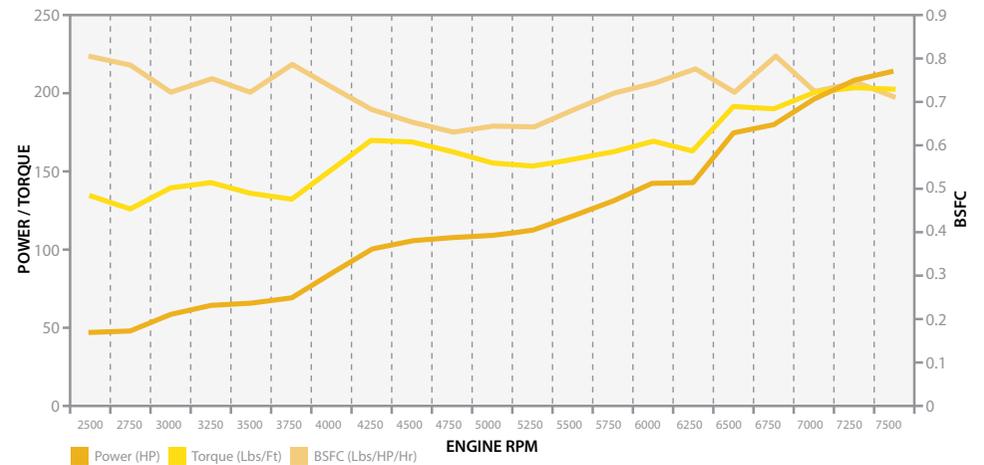
RT1200

The RT1200 quad-rotor rotary engine offers exceptional power density in a compact 1.2 L displacement package. Designed for high performance, it delivers rich torque, liquid cooling and streamlined integration for advanced aerospace and UAS platforms.

TECHNOLOGY

The RT1200's quad-rotor Wankel architecture minimises reciprocating mass and vibration while producing an expansive power curve. Combined with liquid cooling, electronic fuel injection and refined rotor dynamics, it delivers class-leading power-to-weight, smooth performance and extended operational durability for endurance and high-payload use-cases.

PERFORMANCE DATA



KEY FEATURES

High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	⌚ Max Continuous	📦 Engine Weight
200HP	7500RPM	150HP	54KG
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	⚡ Fuel Consumption
Quad Rotor ROTARY ENGINE	1200CC	Unleaded 95 Octane AVGAS 100LL	0.56 LBS PER HP / PER HOUR

| TECHNICAL SPECIFICATIONS

Engine Type	Quad [4] Rotor, Rotary
Displacement	1200cc
Application	Prototype
Max. Peak	200HP
Max. Peak RPM	7500RPM
Max. Continuous	150HP
TBO	1000Hrs
System Weight	54 KG / 119 LBS
Drive Type	Direct Drive
Drive Rotation	Counter-Clockwise
Fuel System	Fuel Injection
Fuel Type	Unleaded 95 Octane / Avgas 100LL
Fuel Consumption	0.56 LBS / Per HP / Per Hour
Cooling	Liquid Cooling
Starting Device	Electric Onboard
Ignition System	Programmable fuel injection with CAN bus
Generator	700W 12V

