

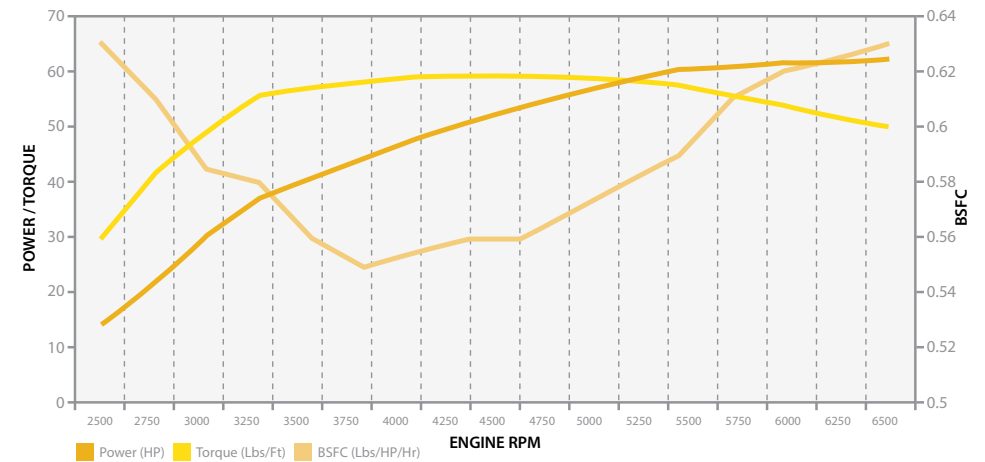
RT600-HC

The RT600-HC twin-rotor rotary engine is engineered for VTOL and rotorcraft missions. With optimised power-to-weight, liquid-cooling and compact form-factor, it offers high performance and endurance for advanced multi-role platforms.

TECHNOLOGY

The RT600-HC's twin-rotor Wankel architecture minimises reciprocating mass, reducing vibration and simplifying integration. Combined with liquid-cooling, fuel-injection and high-performance materials, it delivers excellent power-density, durability and long service-intervals tailored for high-demand rotorcraft and endurance missions.

PERFORMANCE DATA



KEY FEATURES

High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	🕒 Max Continuous	📦 Engine Weight
64HP	6800RPM	45HP	38.5KG (84.9 LBS)
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	⚡ Fuel Consumption
Twin Rotor ROTARY WANKEL	600CC	Unleaded 95 Octane AVGAS 100LL	0.58 LBS PER HP / PER HOUR

| TECHNICAL SPECIFICATIONS

Engine Type	Twin [2] Rotor, Rotary
Displacement	600cc
Application	VTOL / Helicopter
Max. Peak	64HP
Max. Peak RPM	6800RPM
Max. Continuous	45HP
TBO	1000Hrs
System Weight	38.5 KG / 84.9 LBS
Drive Type	Centrifugal Clutch
Drive Rotation	Clockwise
Fuel System	Fuel Injection
Fuel Type	Unleaded 95 Octane / Avgas 100LL
Fuel Consumption	0.58 LBS / Per HP / Per Hour
Cooling	Liquid Cooling
Starting Device	Electric Onboard
Ignition System	Programmable fuel injection with CAN bus
Generator	1400W 28V

