



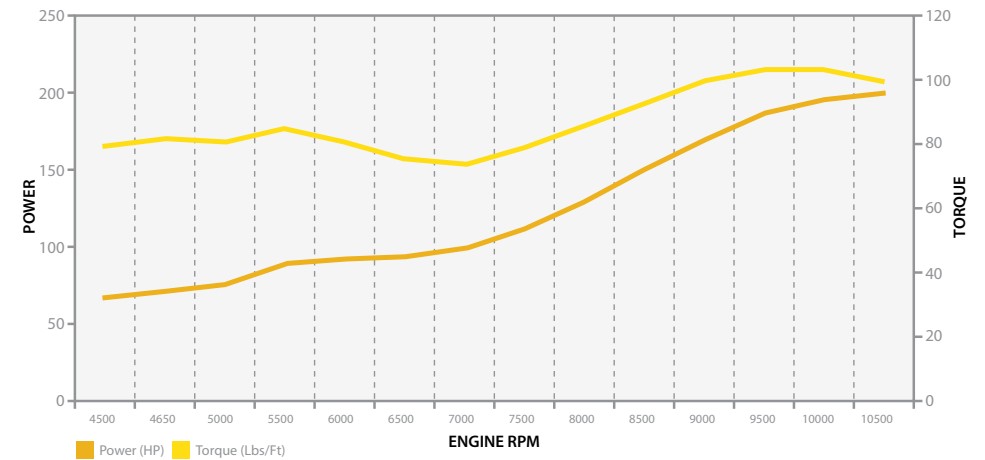
RT700-XE

The RT700-XE is an ultra-high-performance twin-rotor rotary engine delivering exceptional power density in a compact package. Liquid-cooled and fuel-injected, it serves demanding aerospace and high-endurance UAV platforms.

TECHNOLOGY

The RT700-XE's innovative twin-rotor Wankel architecture minimises reciprocating mass while maximising torque. Its liquid-cooling, programmable fuel injection and linear power-curve deliver class-leading power-to-weight and operational longevity - designed for endurance, agility and high performance in compact systems.

PERFORMANCE DATA



KEY FEATURES

High-power VTOL & rotorcraft engine

⚡ Max Peak Power	🔄 Max Peak RPM	⊖ Max Torque	📦 Engine Weight
220HP	10500RPM	105FT/LBS	24KG (52.9 LBS)
🏠 Engine Type	📏 Displacement	⚡ Fuel Type	⚡ Fuel Consumption
Twin Rotor ROTARY ENGINE	690CC	Unleaded 95 Octane	0.58 LBS PER HP / PER HOUR

| TECHNICAL SPECIFICATIONS

Engine Type	Twin [2] Rotor, Rotary Wankel
Displacement	690cc
Application	Performance / Racing
Max. Peak	220HP
Max. Peak RPM	10500RPM
Max. Torque	105 FT/LBS
System Weight	43 KG / 94.8 LBS
Drive Type	Sprocket / Chain 520
Drive Rotation	Counter-Clockwise
Fuel System	Fuel Injection
Fuel Type	Unleaded 95 Octane or higher
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	300W 12V

