



# ROTRON

ADVANCED ROTARY ENGINE TECHNOLOGY



## ROTRON 690<sup>XE</sup>

*SUITABLE FOR MOTORSPORT APPLICATIONS  
REQUIRING 204HP (152KW)*

With its heritage steeped in motorsport success, the RT690-XE powerhouse is the benchmark of rotary evolution and the result of an engineering development programme with the legendary Brian Crighton. This high-performance rotary engine offers high horsepower and generates a tremendous spread of torque with a power delivery that is responsive and progressive yet always under control.

- ▲ Highest power-to-weight ratio engine in its class in a fuel efficient and easy to install package.
- ▲ Race-tuned for reliable performance and setting the benchmark for power, acceleration and efficiency.
- ▲ Innovative rotor and water cooling systems deliver a more consistent and uniform heat reduction pattern to maximise endurance and reliability.
- ▲ Bespoke Dog Ring 6-speed cassette gearbox and slipper clutch ensure precise and smooth gear shift while reducing complex gearbox removal and maintenance.

### SMALLER, LIGHTER, FURTHER

*ROTRON ROTARY ENGINES REFLECT A COMPLETELY NEW APPROACH  
TO PROPULSION SYSTEMS BY REDEFINING THE RELATIONSHIP BETWEEN  
SIZE, PERFORMANCE, EFFICIENCY AND RELIABILITY.*

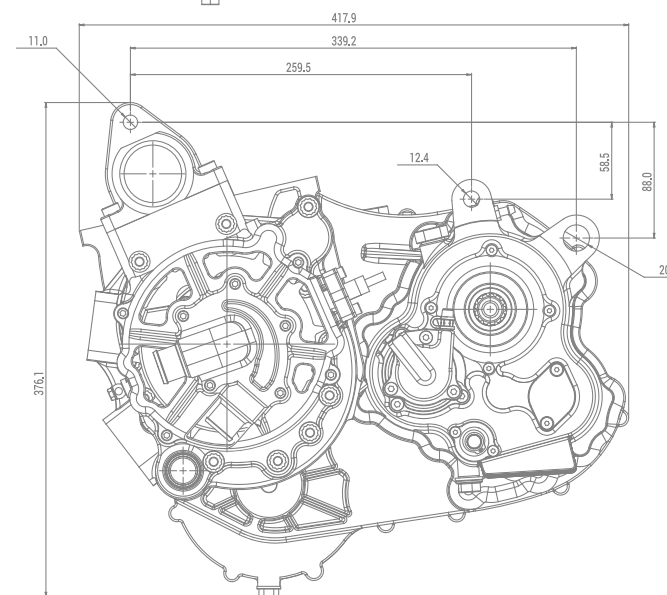
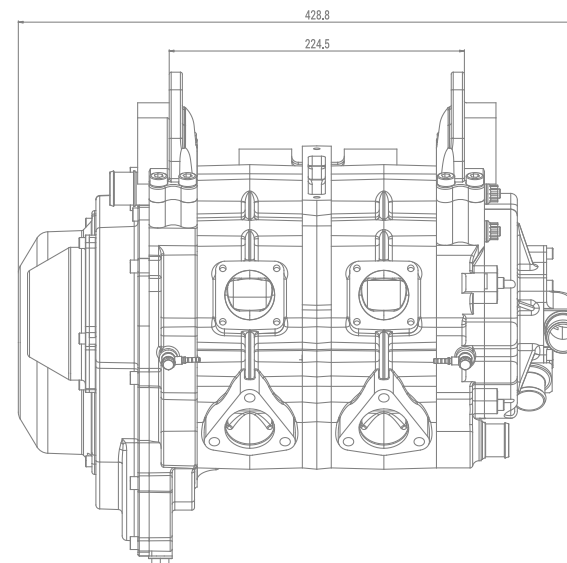
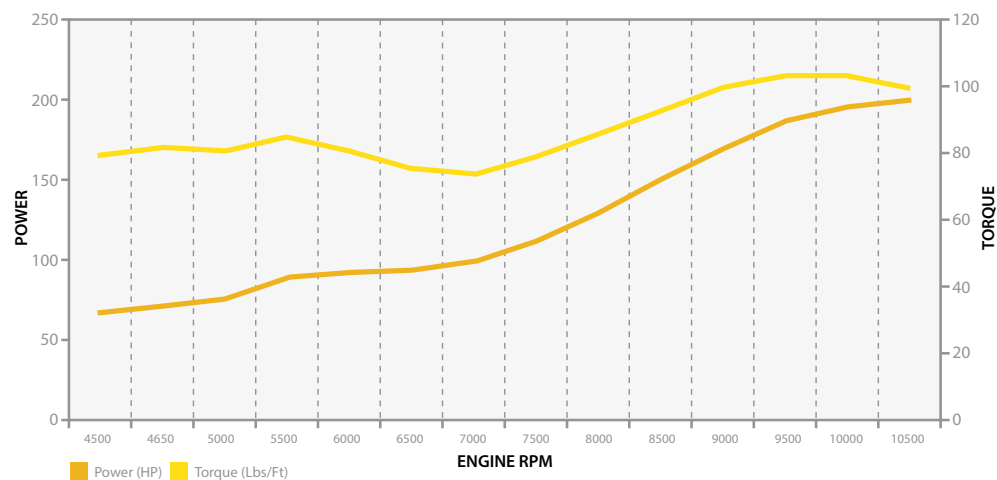


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## Rotron RT-690<sub>xE</sub> Specifications

ENGINE TYPE	TWIN [2] ROTOR, ROTARY WANKEL
DISPLACEMENT	690 CC
MAX. PEAK	220 HP @ 10,500 RPM
SYSTEM WEIGHT	43 KG / 94.8 LBS
DRIVE TYPE	SPROCKET / CHAIN 520
DRIVE ROTATION	COUNTER-CLOCKWISE
FUEL SYSTEM	FUEL INJECTION
FUEL CONSUMPTION	0.58 LBS / PER HP / PER HOUR
THROTTLE	COMPUTER CONTROLLED SERVO
GEARBOX	6-SPEED CASSETTE, BESPOKE DOG RING
COOLING	LIQUID COOLING

## Performance Data



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