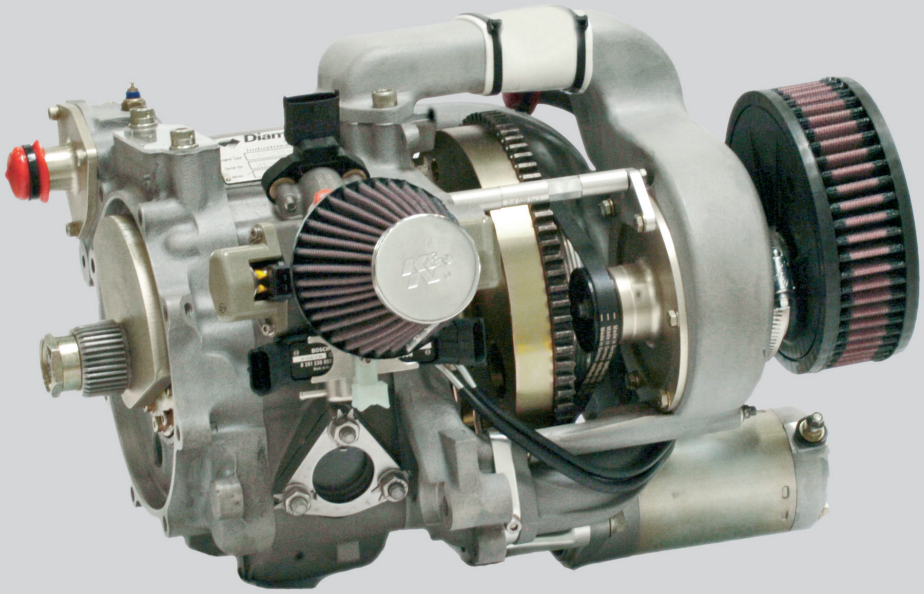
Austro Engine

Product Program

Rotary Engines

AE 50R



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AE50R Technical Data

General

294cc single rotary engine with liquid cooling plus forced air cooling for the rotor core. Lubrication via metered oil pump directly to main bearing and rotor tips with partial oil recovery system. Twin spark plugs, electric starter, 14V 18A alternator. Electronic fuel injection, EC system.

Specification

Fuel	AvGas 100LL or RON 95 Unleaded
Engine Oil	approved synthetic
Coolant	50% glycol, water
Ignition Unit	ECU
Ignition Timing	variable
Spark Plug	Surface discharge
Alternator	14 volt / 18 amp

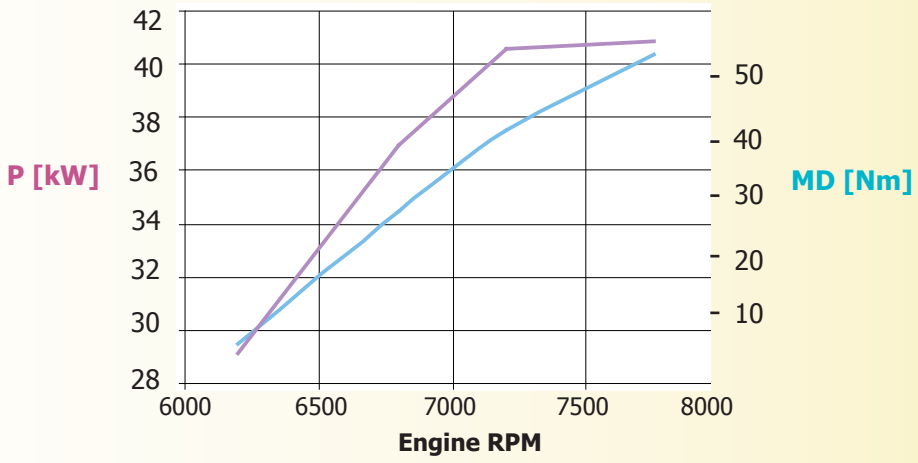
Performance

Performance at sea level			Torque	
kW	HP	RPM	Nm	RPM
40,4	55	7750	52,5	7750

Weight

Weight	kg
Engine core, Ingnition units, Voltage regulator	24.5
Typical coolant in radiator, hoses and engine casting	3.3
Engine total weight	27.8

Torque/Power Curve



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