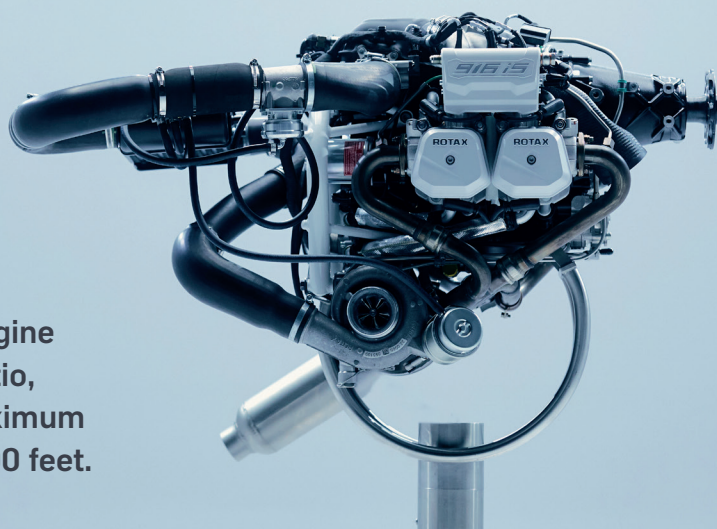


916 iS A | iSc A | iS C24 | iSc C24

160 HP



Dynamic, turbocharged iS engine with best power-to-weight ratio, full take-off power, and a maximum operating altitude up to 23,000 feet.

Rotax 916 iS A with options, delivery state

DESCRIPTION

- Four-stroke piston engine with four liquid and air-cooled cylinders
- Redundant electronic fuel injection and ignition, eco mode
- Turbocharger, stainless steel exhaust
- Dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappets
- Engine management system (EMS)
- Electric starter (12 or 24 Volt)
- Propeller speed reduction gearbox
- Intercooler
- TBO 2,000 hrs
- Maximum operating altitude 23,000 feet
- Critical altitude 15,000 feet (maximum continuous power)

WEIGHT		kg	lb
Engine with propeller speed reduction gearbox i = 2,54 with overload clutch, turbocharger, intercooler, exhaust system		85.8	189
Engine suspension frame		2.0	4.4
External alternator		3.0	6.6
Air guide baffle		0.4	0.8
PERFORMANCE			
117 kW		160 hp	5800 1/min
**101 kW		137 hp	5500 1/min
TORQUE			
193 Nm		142 ft lb	5800 1/min
175 Nm		129 ft lb	5500 1/min
BORE		STROKE	
84.0 mm		3.31 in	61.0 mm
			2.4 in
DISPLACEMENT		FUEL*	
1352 cm ³		82.6 cu in	min. MON 85 RON 95
			min. AKI 91

Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.

* leaded, unleaded, AVGAS 100LL, Ethanol 10

** max. continuous power at 5500 1/min

iS: ASTM compliant | iSc: certified according to EASA CS-E

ROTAX

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