

The Sky is the LimitSM



Aircraft Engine

914 UL - D.C.D.I.

www.rotax-aircraft-engines.com

DESCRIPTION

4-cyl. 4-stroke liquid/air cooled engine with opposed cylinders, with turbo charger, with automatic waste gate control, dry sump forced lubrication with separate 3 l (.8 gal US) oil tank, automatic adjustment by hydraulic valve tappet, 2 CD carburetors, electronic dual ignition, electric starter, integrated reduction gear $i = 2.43$, engine truss assembly, airintake system, exhaust system

VERSION	PERFORMANCE			TORQUE			MAX R.P.M.
	kW	hp	1/min	Nm	ft. lb.	1/min	
914 UL	73.5	100	5500	144	106	4900	5800
max. 5 min.	84.5	115	5800				

BORE		STROKE		DISPLACEMENT		COMPRESSION RATIO
mm	in.	mm	in.	cm ³	cu. in.	
79.5 mm	3.13 in.	61 mm	2.4 in.	1211.2 cm ³	73.91 cu. in.	9.0 : 1

FUEL	OIL	COOLING LIQUID
min. MON 85 RON 95* min. AKI 91*	API SF or SG	50 % BASF Glysanthin- Anitcorrosion 50 % Water

* leaded or unleaded or AVGAS 100 LL

IGNITION UNIT	IGNITION TIMING	SPARK PLUG
DUCATI double CDI	4° up to 1000 1/min above 26°/22°	ROTAX® part no. 897 257

GENERATOR PERFORMANCE	R.P.M.	VOLTAGE
250 W DC	5500 1/min	13.5 V

		WEIGHT	
		kg	lb
Standard	engine with gearbox $i = 2.43$	64.0	141.0
	exhaust system	4.0	8.8
	engine truss assembly	2.0	3.7
	slipping clutch	1.7	3.7
	oil radiator 886 029	0.5	1.1
	radiator 995 697	1.0	2.2
	air cleaner 825 750	0.15	0.3
	air guide hood	0.8	1.8
	vacuum pump	0.8	1.8
	hydraulic propeller governor	2.7	5.9
	rectifier regulator	0.1	0.2
	instrument FLYdat	0.5	1.1
	recall instrument Rdat	1.0	2.2
Options	external alternator 40A / 12 V	3.0	6.6

WARNING

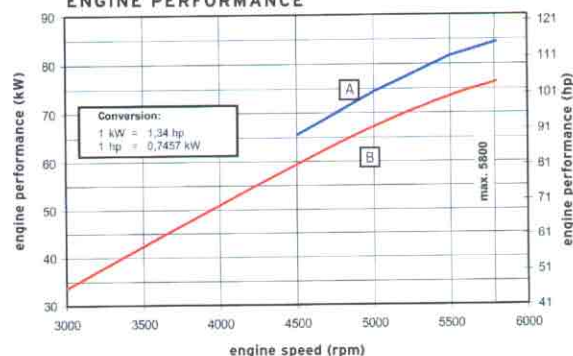
This aircraft engine does not comply with federal safety regulations for standard aircraft. This engine is for use in experimental and ultralight uncertified aircraft only and only in circumstances in which an engine failure will not compromise safety. Before operating the engine read operator's manual. Information is available from your local authorized ROTAX®-distributor.

ROTAX® authorized distributor

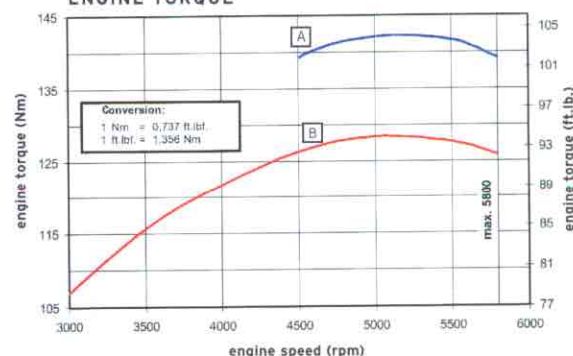


Picture 914 UL 3 - DCDI with options

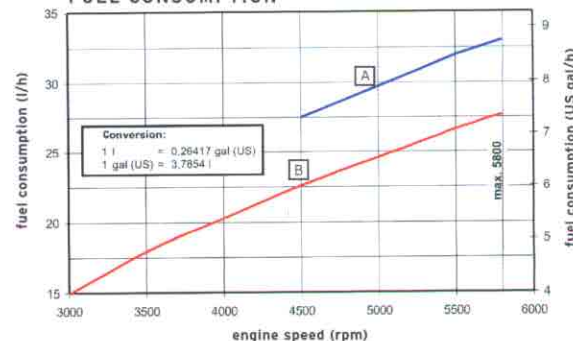
ENGINE PERFORMANCE



ENGINE TORQUE



FUEL CONSUMPTION



A take off
B max continue

ROTAX

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