

The Sky is the LimitSM



Aircraft Engine 447 UL - S.C.D.I.

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DESCRIPTION

2-cyl. 2-stroke fan cooled engine with piston ported inlet, with electronic single-ignition, exhaust system, carburetor, rewind starter

VERSION	PERFORMANCE			TORQUE			MAX R.P.M.
	kW	hp	1/min	Nm	ft. lb.	1/min	
447 UL-1V	29.5	39.6	6500	46	34.0	6000	6800
447 UL-2V	31.0	41.6	6500	47	34.7	6000	6800

BORE	STROKE	DISPLACEMENT	COMPRESSION RATIO
67.5 mm 2.66 in.	61 mm 2.40 in.	436.5 cm ³ 26.64 cu. in.	th: 9.6 ef: 6.3

FUEL	Super 2-stroke motoroil	MIXING RATIO
min. MON 83 RON 91* min. AKI 87*	API - TC - Classification	1 : 50

* leaded or unleaded

IGNITION UNIT	IGNITION TIMING	SPARK PLUG
DUCATI single CDI	18° v. OT	ROTAX® part no. 897 055

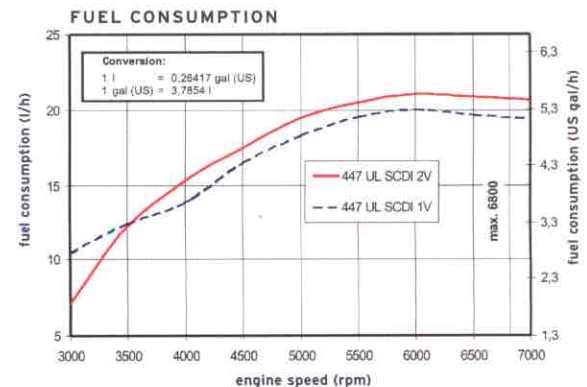
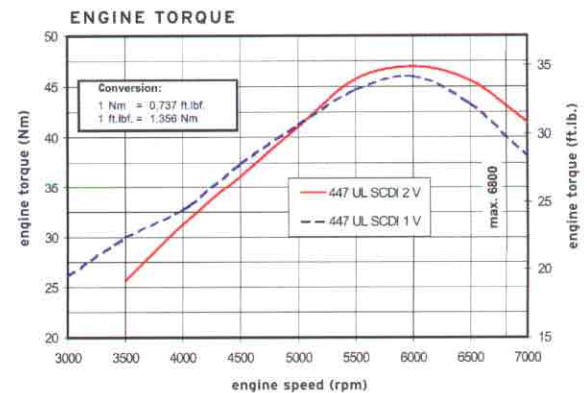
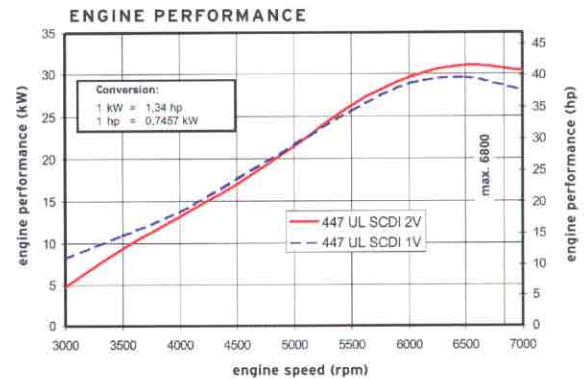
GENERATOR PERFORMANCE	R.P.M.	VOLTAGE
155 W DC	6000 1/min	13.5 V

		WEIGHT	kg	lb
Standard	engine		26.8	59.1
	1 carburetors		0.9	2.0
	exhaust system		4.9	10.8
Options	2 air cleaners		0.3	0.7
	electric starter		3.5	7.7
	gearbox "B" / i = 2.0/2.24/2.58		4.5	9.9
	gearbox "C" / i = 2.62/3.0/3.47/4.0		8.0	17.6
	gearbox "E" / i = 2.62/3.0/3.47/4.0		11.2	24.7
	external alternator 220 W DC		1.1	2.4
	intake silencer 1V		0.8	1.8
	intake silencer 2V		1.1	2.4
	after muffler		1.6	3.5
	instrument FLYdat		0.5	1.1
recall instrument RDAT		1.0	2.2	

* engine also available in free-air version



Picture 447 UL - S.C.D.I. with options



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

