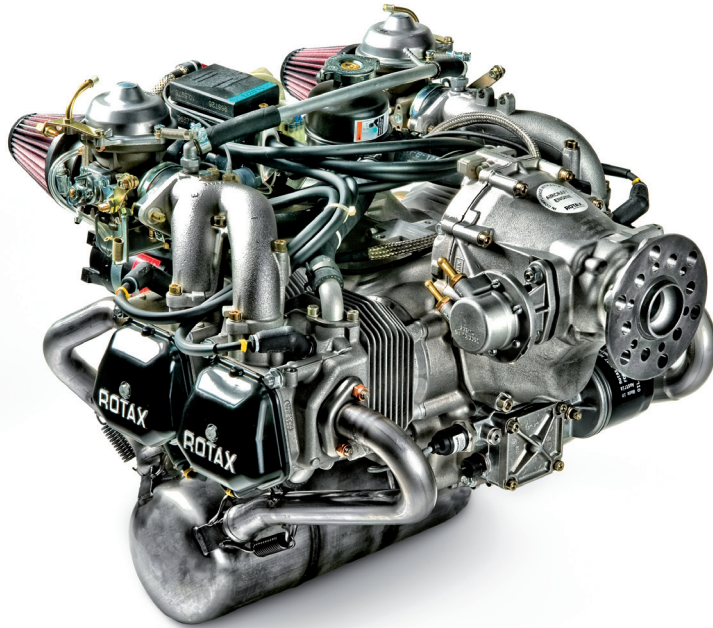


ENGINE TYPE 912 | 80 hp (UL/A/F)

ROTAX
AIRCRAFT ENGINES



DESCRIPTION

- 4-cylinder
- 4-stroke liquid/air-cooled engine with opposed cylinders
- dry sump forced lubrication with separate oil tank, automatic adjustment by hydraulic valve tappet
- 2 carburetors
- mechanical fuel pump
- dual electronic ignition
- electric starter
- propeller speed reduction unit

FACTS

This series was BRP's first Rotax engine dedicated for aircraft application only. The Rotax 912 series is well regarded for its reliability and efficiency and is primarily targeted as the entry level engine in the light aviation industry. The 80 hp version of the Rotax 912 series offers a time between overhauls of 2.000 hours and is available as non-certified (Rotax 912 UL) as well as certified version according to FAR 33 (Rotax 912 F) and JAR 22 (Rotax 912 A).

ENGINE DATA

WEIGHT	kg	lb
engine with propeller speed reduction unit i = 2.27 (opt. i = 2.43)	55.4	122.0
overload clutch	1.7	3.7
exhaust system	4.0	8.8
external alternator	3.0	6.6
engine suspension frame	2.0	4.4
air guide hood	0.8	1.8
airbox	1.3	2.8

VERSION	PERFORMANCE			TORQUE			MAX RPM
	kW	ft. lb.	1/min	Nm	ft. lb.	1/min	1/min
912 UL ¹⁾ /F ²⁾ /A ³⁾	59.6	80	5800	103	75.9	4800	5800

Limited for max. 5 min.

BORE		STROKE		DISPLACEMENT		FUEL
79.5 mm	3.13 in	61 mm	2.4 in	1211.2 cm ³	73.91 cu. in.	min. MON 83 RON 91* min. AKI 87*

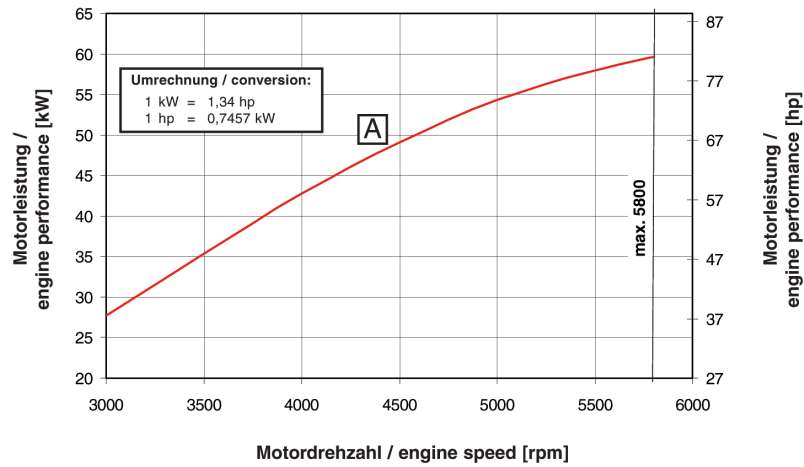
* leaded, unleaded, AVGAS 100LL or Ethanol 10

- 1) UL = non certified
- 2) F = certified acc. to FAR 33,
- 3) A = certified acc. to JAR 22

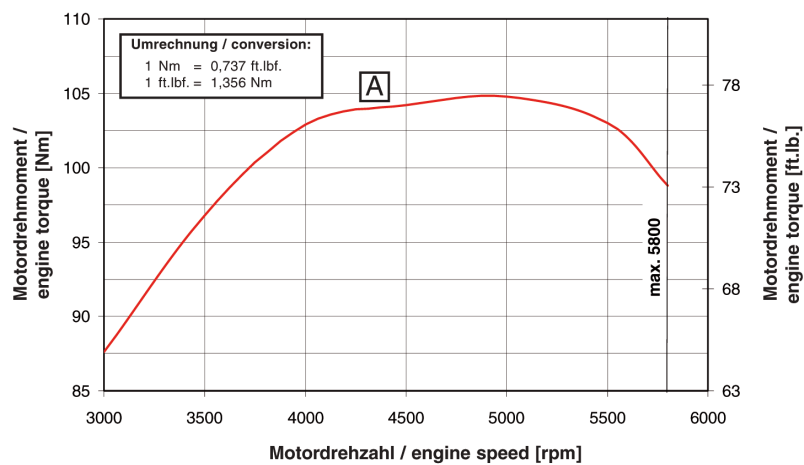
Picture: 912 UL - DCDI with options



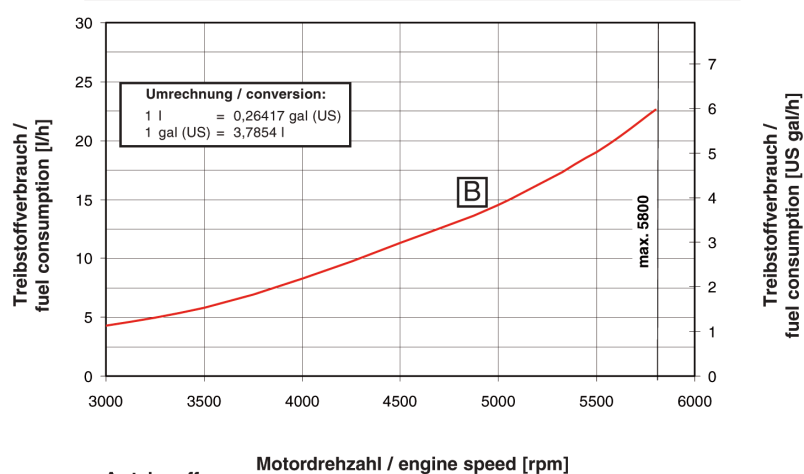
MOTORLEISTUNG / ENGINE PERFORMANCE



MOTORDREHMOMENT/ ENGINE TORQUE



TREIBSTOFFVERBRAUCH / FUEL CONSUMPTION



A: take off
B: propeller curve

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.

BRP-Powertrain GmbH & Co. KG. BRP-Powertrain GmbH & Co. KG reserves the right at anytime to discontinue or change specifications, prices, designs, features, models or equipment without incurring obligation. Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.