

The Sky is the Limit.SM

ROTAX
AIRCRAFT ENGINES

Aircraft Engine 912 UL - D.C.D.I.

www.rotax-aircraft-engines.com

DESCRIPTION

4-cyl. 4-stroke liquid/air cooled engine with opposed cylinders, dry sump forced lubrication with separate 3 l (.8 gal US) oil tank, automatic adjustment by hydraulic valve tappet, 2 CD carburetors, mechanical fuel pump, electronic dual ignition, electric starter, integrated reduction gear i = 2.273 (optional 2.43)

| VERSION | PERFORMANCE | | | TORQUE | | | MAX R.P.M. |
|-------------|-------------|----|-------|--------|---------|-------|------------|
| | kW | hp | 1/min | Nm | ft. lb. | 1/min | 1/min |
| 912 UL | 58.0 | 79 | 5500 | 103 | 75.9 | 4800 | 5800 |
| max. 5 min. | 59.6 | 81 | 5800 | | | | |

| BORE | | STROKE | | DISPLACEMENT | | COMPRESSION RATIO |
|---------|----------|--------|---------|------------------------|---------------|-------------------|
| 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 83 RON 91* min. AKI 87* | 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° | ROTAX® part no. 897 255 |

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

| | | WEIGHT | kg | lb |
|----------|------------------------------------|-----------------------------------|------|-------|
| Standard | | engine with gearbox i = 2.273 | 55.0 | 121.3 |
| | | oil radiator 886 027 | 0.5 | 1.1 |
| Options | | radiator 995 697 | 1.0 | 2.2 |
| | | slipping clutch | 2.1 | 4.6 |
| | | intake silencer | 1.3 | 2.8 |
| | | air cleaner 825 551 | 0.15 | 0.3 |
| | | exhaust system | 4.0 | 8.8 |
| | | air guide hood | 0.8 | 1.8 |
| | | vacuum pump | 0.8 | 1.8 |
| | | hydraulic propeller governor | 2.7 | 5.9 |
| | | external alternator 40A / 12 V DC | 3.0 | 6.6 |
| | | engine truss assembly | 2.0 | 4.4 |
| | | rectifier regulator | 0.1 | 0.2 |
| | | instrument FLYdat | 0.5 | 1.1 |
| | recall instrument RDAT | 1.0 | 2.2 | |
| | fuel pump with installed fuel line | 0.2 | 0.4 | |

⚠ WARNING

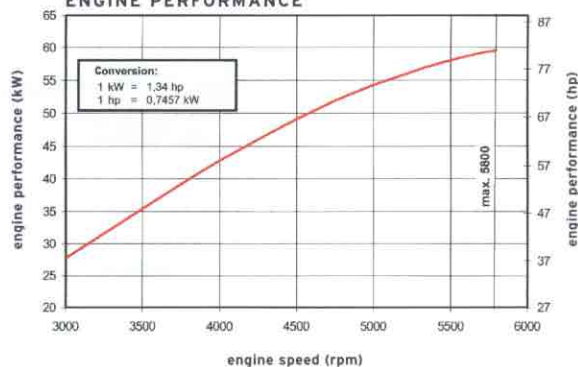
This aircraft engine does not comply with federal safety regulations for standard aircraft. This engine is for use in experimental and ultralight uncertified aircraft only and only in circumstances in which an engine failure will not compromise safety. Before operating the engine read operator's manual.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

ROTAX® authorized distributor

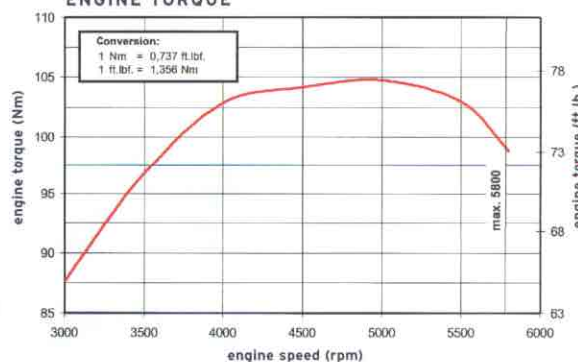


Picture 912 UL 3 - DCDI with options

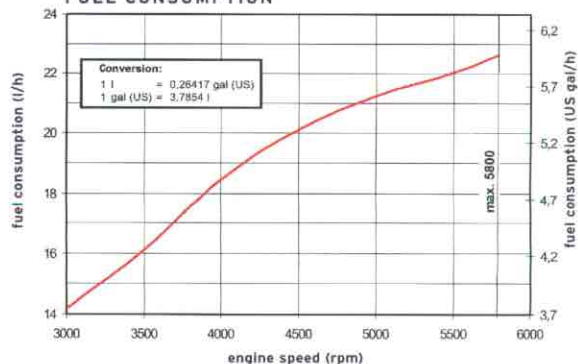
ENGINE PERFORMANCE



ENGINE TORQUE



FUEL CONSUMPTION



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