



## 912 ULS / ULSFR / S

### ENGINE:

#### Type:

**912 ULS**  
**912 ULSFR**  
**912 S**

#### Performance:

69,0 kW (95,0 hp) @ 5500 rpm  
Max. 5 min.: 73,5\* kW (100,0\* hp) @ 5800 rpm

\*with ROTAX Airbox and exhaust system

#### Torque:

128 Nm (94,0 ft.lbf.) @ 5100 rpm

#### Max. RPM:

5800 rpm

#### Bore:

84,0 mm (3,31 in.)

#### Stroke:

61 mm (2,40 in.)

#### Displacement:

1352,0 cm<sup>3</sup> (82,6 cu.in.)

#### Compression ratio:

10,5 : 1

#### Ignition unit:

double CDI

#### Ignition timing:

4° up to 1000 rpm  
above 26°

#### Generator performance:

250 W @ 5500 rpm

#### Voltage:

13,5 V

### OPERATING MEDIA:

#### Fuel:

min. RON 95\*  
min. AKI 91\*

#### Oil:

\*leaded or unleaded or AVGAS 100 LL  
API SG or higher

#### Cooling liquid:

Conventional (mix ratio 50:50) or water-free

### WEIGHT-engine:

#### Standard configuration:

Engine with gearbox i=2,43:

56,6 kg (124,8 lb.)

### WEIGHT-Options :

#### Oil radiator:

0,55 kg (1,2 lb.)

#### Radiator:

1,0 kg (2,2 lb.)

#### Slipping clutch:

1,7 kg (3,7 lb.)

#### Airbox:

1,3 kg (2,8 lb.)

#### 2 air filter:

0,3 kg (0,7 lb.)

#### Exhaust system:

4,0 kg (8,8 lb.)

#### Air guide hood:

0,8 kg (1,8 lb.)

#### Vacuum pump:

0,8 kg (1,8 lb.)

#### Hydraulic propeller governor:

2,7 kg (5,9 lb.)

#### External alternator 40A / 12V DC:

3,0 kg (6,6 lb.)

#### Engine suspension frame:

2,0 kg (4,4 lb.)

#### Instrument FLYDAT:

0,5 kg (1,1 lb.)

Edition: 2006-06-01  
d03853