



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 cm³ (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