



ROTAX.

OPERATORS MANUAL

FOR ROTAX ENGINE TYPE 912 SERIES

REF NO.: OM-912 | PART NO.: 899700



2.1) Operating limits (912 A/F/UL)

Performance

Performance data relate to ISA (International Standard Atmosphere) conditions without Governor, external alternator etc.

Take-off performance	59.6 kW at 5800 rpm
Max. continuous performance	58 kW at 5500 rpm

Speed

Speed	
Take-off speed	5800 rpm (max. 5 min.)
Max. continuous speed	5500 rpm
Idle speed	min. 1400 rpm

Acceleration

Limit of engine operation at zero gravity and in **negative "g"** condition.

Max: 5 seconds at max. -0.5g.

Oil pressure

Oil pressure	
Max.	7 bar (102 psi)
Min.	0.8 bar (12 psi) (below 3500 rpm) 1.5 bar (22 psi) ¹
Normal	2.0 to 5.0 bar (27–73 psi) (above 3500 rpm) 1.5 to 5.0 bar (22 psi-73 psi) ¹

ATTENTION
Oil pressure max. for a short period admissible at cold start.

Oil temperature

Oil temperature	
Max.	140 °C (285 °F)
Min.	50 °C (120 °F)
normal operating temperature approx. 90 to 110 °C (190-230 °F)	

1. 912 UL to S/N 4 402 387/912 A to S/N 4 410 266 /912 F to S/N 4 412 764