

912 iS Sport | iSc Sport

100 HP



POWER MEETS RELIABILITY.

The ultimate flight experience with the
best power-to-weight ratio and reliability.

ROTAX®



Perfected 4-stroke engine
with full take off power and
engine management system.



Rotax 912 iS Sport with options, delivery state

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 tappets
- Redundant electronic fuel injection and ignition
- Engine management system
- Electric starter
- Propeller speed reduction gearbox
- Air intake system
- TBO 2,000 hrs

WEIGHT	kg	lb
Engine with propeller speed reduction gearbox i = 2,43 with overload clutch	63.6	140.2
Exhaust system	4.8	10.5
Engine suspension frame	2.0	4.4
External alternator	3.0	6.6
Air guide baffle	0.4	0.8
Fuel pumps assy	1.6	3.5

PERFORMANCE		
73.5 kW	100 hp	5800 1/min
**72.0 kW	98 hp	5500 1/min
68.0 kW	92.5 hp	5000 1/min

BORE		STROKE	
84.0 mm	3.31 in	61.0 mm	2.4 in

DISPLACEMENT		FUEL*
1352 cm ³	82.6 cu in	min. MON 85 RON 95 min. AKI 91

MAX RPM limited for max. 5 minutes	
5800 1/min.	

TORQUE		
121 Nm	89 ft. lb.	5800 1/min
125 Nm	92 ft. lb.	5500 1/min
***132 Nm	97 ft. lb.	5000 1/min

Engine performance may vary depending on, among other things, general conditions, ambient temperature and altitude.

* leaded, unleaded, AVGAS 100LL, Ethanol 10

** max. continuous power at 5500 1/min

*** MOGAS, no hydraulic governor

iS: ASTM compliant | iSc: certified according to EASA CS-E