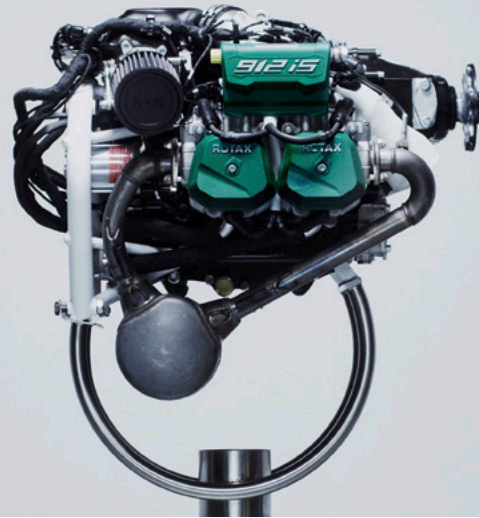




# POWER MEETS RELIABILITY.

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

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 <sup>3</sup>  | 82.6 cu in | min. MON 85 RON 95<br>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