

912 iS Sport | iSc Sport

100 HP



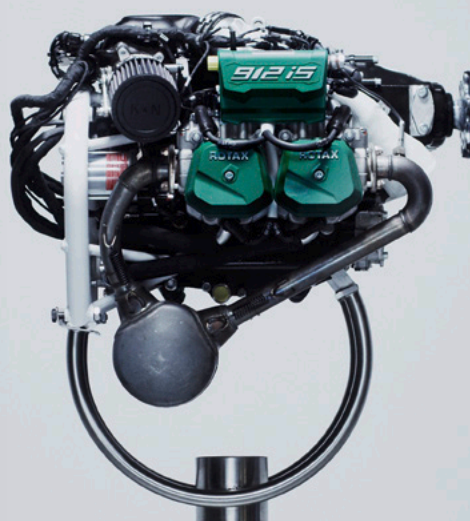
# POWER MEETS RELIABILITY.

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 <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