

Data Sheet



	Rotax 912 ULS	Rotax 912iS	Rotax 914 Turbo	
Engine output	100 hp	100 hp	115 hp	
Max climb rate	7.5 m/s	8.0 m/s	8.5 m/s	
Stall speed with flaps	55 km/h			
Best climb speed	160 km/h			
Long range cruise speed	190 km/h*			
Cruise speed (75%)	290 km/h*	295 km/h*	300 km/h*	325 km/h**
Guaranteed max. hor. speed	315 km/h*	320 km/h*	330 km/h*	350 km/h**
Never exceed speed (VNE)	350 km/h			
Range / consumption at Max g. horizontal speed	21.5 l/h – 1,064 km	17.2 l/h – 1,402 km	25 l/h – 944 km	
Range / consumption at cruise speed (75%)	17 l/h – 1,288 km	13.6 l/h – 1,674 km	20 l/h – 1,110 km	
Range / consumption at long range cruise speed	6.5 l/h – 2,360 km	5.2 l/h – 2,974 km	9 l/h – 1,678 km	
Max load factor	+5.5 g / - 3.5 g			
Fuel tanks	2x 43 litres, can be extended up to 2x 100 litres			
Wing span & area	9.0 metres /9.7 m ²			
Length	6.8 metres			
Height	1.7 metres fuselage / 2.1 metres tail			
Cabin width	1.23 metres			
Empty weight	from 297 kilogram (depending on configuration)			
Max. take-off weight	from 472.5 to 580 kilogram			
Best glide ratio	1:23			

*at sea level

**at FL90





First performance data for the Rotax 915is Turbo

	Rotax 915iS Turbo	
Engine Output	135 hp	
Max. climb rate	8.5 m/s	
Stall speed with flaps	75 km/h	
Best climb speed	170 km/h	
Cruise speed (75%)	335 km/h*	365 km/h**
Guaranteed max. horizontal speed	355 km/h*	390 km/h**
Never exceed speed (VNE)	400 km/h	
Wind span	8.00 meters	
Max. take-off weight	600 kilogram	
Glide ratio	1 : 18	

*at sea level

**at FL90

