

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 horizontal 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		25 l/h - 944 km	
Range / consumption at cruise speed (75%)	17 l/h - 1,288 km		20 l/h - 1,110 km	
Range / consumption at long range cruise speed	6.5 l/h - 2,360 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	9.00 metres / 9.7 m ²			
Length	6.80 metres			
Height	1.7 m fuselage / 2.1 m tail			
Cabin Width	1.23 metres			
Empty Weight	297 kilogram (depending on configuration)			
Max. Take-off Weight	472.5 - 550 kilogram			
Best glide ratio	1 : 23			

*at sea level

**at FL90



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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	70 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	
Wing Span	8.00 metres	
Max. Take-off Weight	600 kilograms	
Glide ratio	1 : 18	

*at sea level

**at FL90

