

Data Sheet



	Rotax 912iS	Rotax 915iS Superverloce
WEIGHTS		
Approx. Empty weight (depending on the configuration)	from 717 lb	from 772 lb
Max. Take-Off weight	1323 lb	
DIMENSIONS		
Wing span	29.5 ft	26.9 ft
Wing area	104.4 sq ft	91.5 sq ft
Length	22.3 ft	
Max cabin width	4.04 ft	
PERFORMANCE		
Max. Climb rate	1575 ft/min	1870 ft/min
Stall speed with flaps	35 kts (40.5 mph)	40.5 kts (46.5 mph)
Engine max power	100 hp	141 hp
Best climb speed	86 kts (99 mph)	92 kts (106 mph)
Long Range cruise speed @SL	103 kts (118 mph)	108 kts (124 mph)
Long Range cruise speed @FL90	119 kts (137 mph)	124 kts (143 mph)
Cruise speed at 75% power @SL	159 kts (183 mph)	181 kts (208 mph)
Cruise speed at 75% power @FL90	162 kts (186 mph)	197 kts (227 mph)
Max. Horizontal speed @SL	173 kts (199 mph)	192 kts (221 mph)
Max. Horizontal speed @FL90	175 kts (202 mph)	211 kts (242 mph)
VNE	184 kts (211 mph)	216 kts (249 mph)
Max. Rough air speed	153 kts (176 mph)	170 kts (196 mph)
Consumption at max. horizontal speed	6.6 US gal/h	11.1 US gal/h
Range at max. horizontal speed @SL	645 mi (560 NM)	485 mi (420 NM)
Range at max. horizontal speed @FL90	660 mi (570 NM)	535 mi (465 NM)
Consumption at 75% power	4.5 US gal/h	6.9 US gal/h
Range at 75% power @SL	920 mi (800 NM)	805 mi (700 NM)
Range at 75% power @FL90	930 mi (810 NM)	875 mi (760 NM)
Consumption at Long Range speed	2.0 US gal/h	2.2 US gal/h
Range at Long Range speed @SL	1415 mi (1230 NM)	1600 mi (1390 NM)
Range at Long Range speed @FL90	1640 mi (1425 NM)	1840 mi (1600 NM)
Max. Load factors (Gust load factors)	+5.0/-3.0	+5.0/-3.0
Fuel tanks capacity (2 x)	13.2 US gal	15.9 US gal
Best glide ratio	23 : 1	20 : 1



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