



Risen 912iS

Risen SV 916iS

WEIGHTS

Standard Empty weight	from 337 kg	from 361 kg
Max. Take-Off weight	600 kg	625 kg

DIMENSIONS

Wing span	9.00 m	8.20 m
Wing area	9.70 m ²	8.50 m ²
Length	6.80 m	
Max cabin width	1.23 m	
Standard Fuel tanks capacity option (+60ltr to 100ltr)	100 l	120 l

PERFORMANCE

Max. Climb rate	8.0 m/s (1575 ft/min)	11 m/s (2200 ft/min)
Stall speed with flaps IAS	70 km/h	80 km/h
Engine max power (Rotax engine)	100 hp	160 hp
Best climb speed IAS	160 km/h	175 km/h

VNE IAS	340 km/h	380 km/h or 450 km/h TAS(*)
Max. Rough air speed IAS (VNO)	284 km/h	315 km/h
Max. Load factors (Gust load factors)	+5.0/-3.0	+5.0/-3.0
Best glide ratio	23:01	20:01

Take off roll	170m	180 m
Take off Distance (15m obstacle margin)	250 m	260 m
Landing Roll	140 m	210 m
Landing distance (15 m obstacle margin)	230 m	300 m

PERFORMANCE @ MAX RANGE CRUISE		Risen 912iS	Risen SV 916iS
Consumption	SEA LEVEL	7.5 l/h	8.5 l/h
Cruise speed		190 km/h	210 km/h
Range		2400 km	2700 km
Cruise speed	FL 90	220 km/h	235 km/h
Range		2800 km	2950 km
Cruise speed	FL 180	N/A	265 km/h
Range		N/A	3400 km

PERFORMANCE @ 75% POWER		Risen 912iS	Risen SV 916iS
Consumption	SEA LEVEL	17 l/h	26 l/h
Cruise speed		295 km/h	335 km/h
Range		1590 km	1420 km
Consumption	FL 90	14 l/h	26 l/h
Cruise speed		300 km/h	365 km/h
Range		1990 km	1540 km
Consumption	FL 180	N/A	26 l/h
Cruise speed		N/A	395 km/h
Range		N/A	1680 km

PERFORMANCE @ MAXIMUM CONTINUOUS POWER		Risen 912iS	Risen SV 916iS
Consumption	SEA LEVEL	25 l/h	42 l/h
Cruise speed		325 km/h	360 km/h
Range		1120 km	940 km
Consumption	FL 90	20 l/h	42 l/h
Cruise speed		325 km/h	390 km/h
Range		1460 km	1020 km
Consumption	FL 180	N/A	42 l/h
Cruise speed		N/A	420 km/h
Range		N/A	1100 km

All data are calculated in ISA conditions and rounded up for Risen Standard Fuel Tank