

DV20 Katana - Factsheet



 **Diamond**
AIRCRAFT

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Power Plant	
Engine	Bombardier Rotax 912 S3 with 100 HP
Propeller	Hoffmann HO-V352F/170FQ or HO-V352F/C170FQ 2-blade constant speed propeller

Performance/Consumption		
Max. cruise speed @ 75% in 5,000 ft	234 km/h TAS	126 kts TAS
Range @ 55%	916 km	495 nm
Fuel Consumption @ 4,000 ft 55%	15.6 l/hr total	4.1 gal/hr total
Fuel Consumption @ 4,000 ft 65%	16.8 l/hr total	4.4 gal/hr total
Fuel Consumption @ 4,000 ft 75%	19.6 l/hr total	5.2 gal/hr total
Rate of climb at sea level MTOW	4.2 m/s ¹⁾	827 fpm ¹⁾
Rate of climb in 10,000 ft MTOW	1.9 m/s ¹⁾	374 fpm ¹⁾
Max. operating altitude	4000 m	13,123 ft
Take off distance, 50 ft above take off surface (ISA sea level)	410 m ¹⁾	1,345 ft ¹⁾
Landing distance, 50 ft above landing surface (ISA sea level)	454 m ¹⁾	1,489 ft ¹⁾
Stall speed, clean	93 km/h CAS ¹⁾	50 kts CAS ¹⁾
Stall speed, landing configuration, full flaps	81 km/h CAS ¹⁾	44 kts CAS ¹⁾

Dimensions/Weights			
	Length	7.28 m	23 ft 11 in
	Height	2.18 m	7 ft 2 in
	Wing span	10.78 m	35 ft 4 in
	Seats	2	2
	Max. Take-off Weight (MTOW)	730 kg	1609 lb
	Empty weight	510 kg	1124 lb
	Fuel capacity (useable fuel)	79 lt	21 gal
	Fuel grades	Mogas/Avgas ²⁾	

¹⁾ at 730kg/1,609 lbs TOW ²⁾ According to DIN EN 590 fuel standards

Specifications apply to standard equipped aircraft, if not otherwise stated. The above quoted data are approximately specifications and may change without notice.
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