

HK36 Super Dimona - Factsheet



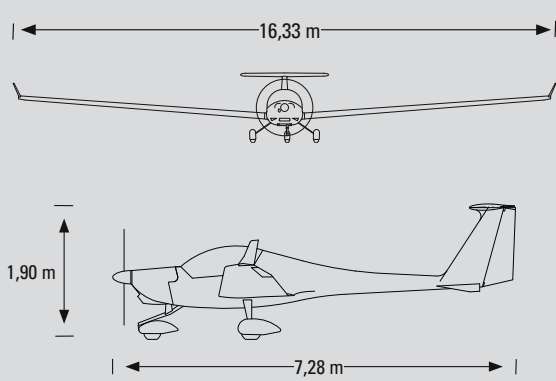
Diamond
AIRCRAFT



HK36 Super Dimona

Power Plant	TC 100	TTC 115
Engine	ROTAX 912 S3 (100 hp)	ROTAX 914 F3 (115 hp)
Propeller	MT Propeller MTV-21-A-C-F/CF 175-05 2-blade Hydraulic Constant Speed Propeller with Hydro Pneumatic Feathered Pitch	

Performance/Consumption	TC 100	TTC 115
Take-Off Distance (Ground Roll)	623 ft	597 ft
Take-Off Distance (50 ft Obstacle)	981 ft	899 ft
Rate of Climb at Sea Level MTOW	965 fpm	1063 fpm
Max. Cruise Speed	141 KIAS	141 KIAS
Manoeuvring Speed	116 KIAS	119 KIAS
Cruise Speed @ 65% in 1,500 m Fuel Consumption	100 KTAS 4 gph	106 KTAS 5 gph
Minimum Rate of Descent	232 fpm	234 fpm
Glide Ratio	1:27	1:27

Dimensions/Weights	TC 100	TTC 115	
	Length	24 ft	24 ft
	Height	6 ft	6 ft
	Wing Span	54 ft	54 ft
	Wing Area	165 sq ft	165 sq ft
	Seats	2	2
	Empty Weight	1235 lbs	1252 lbs
	MTOW	1698 lbs	1698 lbs
	Useful load	463 lbs	445 lbs
	Fuel Capacity	21 gal	21 gal
	Fuel Grades	Unleaded 95 100 LL/ Mogas ¹⁾	

¹⁾ According to DIN EN 590 fuel standards.

Specifications apply to standard equipped aircraft, if not otherwise stated. Specifications may change without notice. May 27th 05/08 S_30617E

