

BGA glider data sheet - Ka 6E (Rhönsegler)

Data source: Manufacturer's Handbook Date of issue: 1965

Manufacturer: Schleicher

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Weighing Data:

	Kg	Pounds
Max weight (dry)	300	660
BGA concession non-aerobatic max weight (dry) [+3%]	309	680
Max pilot weight (seat load)	110	242
Max weight of non lifting components (everything except wings)	190	419
BGA concession non-aerobatic max weight of non lifting components [+5%]	200	440

mm Inches

Forward C of G limit (aft of datum)	180	7.1
Aft C of G limit (aft of datum)	383	15.0
Pilot position (forward of datum)	424	16.7

Control deflections in mm

	Up	Down	Distance - hinge to measuring point	Max free play
Ailerons	110 ±10	46 ±10	220	
Elevator	125 ±10	125 ±10	585	
Rudder	Left 355 ±20	Right 355 ±20	680	

Longitudinal datum: Wing root LE Rib 3

Horizontal datum: Rear fuselage top 1000:90 tail down

Maximum speeds (Indicated airspeeds with standard pitot/static system)

	Knots	Kph
VNE	108	200
Rough air	81	150
Manoeuvre	81	150

	Knots	Kph
Aerotow	81	150
Winch / auto tow	56	104
Airbrakes open	108	200

Max winch weak link: 600 Kg Blue

Tyre pressure: 36 psi 2,5 Bar

~~Non~~/semi/fully aerobatic. Cloud flying permitted.

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