

BGA glider data sheet - Ka 6E (Rhönsegler)

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

Manufacturer: A Schleicher GmbH & Co, Segelflugzeugbau, 36161 Poppenhausen, Germany

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URL : http://www.as-segelflugzeuge.de/englisch/e_main.htm

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

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

Longitudinal datum: Wing root LE Rib 3

Horizontal datum: Rear fuselage top 1000:90 tail down

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	

Maximum speeds (Winch/auto tow speed increased by EASA approved BGA Mod)

	Knots	Kph
VNE	108	200
Rough air	76	140
Manoeuvre	76	140

	Knots	Kph
Aerotow	76	140
Winch / auto tow	56	104
Airbrakes open	108	200

Max winch weak link: 600 Kg (Tost blue)

Tyre pressure: 36 psi 2,5 Bar

Semi aerobatic. Cloud flying permitted.

This sheet compiled by: Tim Macfadyen Date: 22 January 2002

4 June 2023 UK agent Email changed

1 Dec 2023 Max speeds for Rough air, Manoeuvre & Aerotow reduced to the TCDS and Flight Manual EAS figures.