



# HB-KTR

Technical Datasheet

## BRISTELL B23-915 Turbo

**Not for operational use!**

### Basic Information

Aircraft Type	BRISTELL B23-915
ICAO Designator	BR23
Year built	2022
Engine	Rotax 915iSc
Engine Power	140
Range	523 NM / 968 km

### Avionics

Primary Instruments	Dual Garmin G3X Touch
NAV / COMM	Garmin GNC 255A
GPS	Integrated in G3X Touch
XPDR	Garmin GTX 345
Audio Panel	PS Engineering PM 3000
Autopilot	Integrated in G3X Touch
FLARM	Air Avionics AT-1
ICAO Equipment	tbc

### Weights

MTOM Maximum Takeoff Mass	750 kg
MLM Maximum Landing Mass	750 kg
max. Weight in rear baggage area	15 kg
max. Weight in Wing Lockers	2 x 20 kg
Basic Empty Weight	461.5 kg

### Fuel System

Total Capacity	2 x 60 Liter = 120 Liter
Usable fuel	2 x 56 Liter = 112 Liter
Approved fuel types	MOGAS, AVGAS UL 91



## Fuel Consumption (PA 6000ft, ISA)

55% (110 KTAS)  
 65 % (119 KTAS)  
 75% (125 KTAS)

5.3 USG/h / 20.0 Liter/h  
 6.2. USG/h / 23.5 Liter/h  
 7.1 USG/h / 27.0 Liter/h

## Speeds

<b>V<sub>GLIDE</sub> Best Glide</b>	<b>67 KIAS</b>
V <sub>R</sub> (Flaps 10°)	60 KIAS
V <sub>so</sub> Stall Speed (Flaps 2)	44 KIAS
V <sub>s1</sub> Stall Speed (Flaps 0°)	51 KIAS
V <sub>Barrier</sub> (Flaps 2)	58 KIAS
V <sub>x</sub> Best angle of climb (Flaps 1)	67 KIAS
V <sub>y</sub> Best rate of climb (Flaps 0)	82 KIAS
V <sub>cruiSe</sub> Climb (Flaps 0)	90 KIAS
V <sub>A</sub> Maneuvering speed	101 KIAS
V <sub>NE</sub> < FL 110 Never Exeed Speed	159 KIAS
V <sub>NE</sub> True > FL 110 Never Exeed Speed	193 KTAS
V <sub>FE</sub> Flaps extended speed white arc	84 KIAS
V <sub>app</sub> (Flaps 2)	60 KIAS
V <sub>CRUISE</sub> Cruising Speed 65 % @ 6000 ft	119 KTAS
Max. demonstrated crosswind speed	15 KTS

Last updated: 19.02.2026