



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.642

for

Bristell B23

Type Certificate Holder:

BRM Aero s.r.o.

Letecká 255

686 04 Kunovice

Czech Republic

For models:

Bristell B23

Bristell B23-915

Bristell B23-915 IFR



INTENTIONALLY LEFT BLANK



Type Certificate Holder¹ **BRM Aero s.r.o.** Aircraft Type Designation¹ **Bristell B23**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 7 / Amendment 11-B** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14362	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	Muffler: BRM Aero s.r.o. 71B24000N Standard exhaust system	750	69.2	74.2	-

¹ See Note 1.



Type Certificate Holder¹ **BRM Aero s.r.o.** Aircraft Type Designation¹ **Bristell B23**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14531	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	ADxC-73-DC-012 (Installation of Exhaust Silencer System), Muffler: BRM Aero s.r.o. 71B240100N Exhaust silencer system	750	64.7	74.2	-

¹ See Note 1.



Type Certificate Holder¹ **BRM Aero s.r.o.** Aircraft Type Designation¹ **Bristell B23**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 912 S3**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C15319	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	ADxC-73-DC-110 (New exhaust), Muffler: BRM Aero s.r.o. 71B241000N New standard exhaust system	750	66.3	74.2	-
C15320	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	ADxC-73-DC-115 (New exhaust with Silencer), Muffler: BRM Aero s.r.o. 71B241100N New standard exhaust system with silencer	750	64.9	74.2	-

¹ See Note 1.



Type Certificate Holder¹ **BRM Aero s.r.o.** Aircraft Type Designation¹ **Bristell B23-915**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 915iSc3 ()**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C14597	MT-Propeller Entwicklung GmbH	MTV-34-1-A/175-200	Muffler: BRM Aero s.r.o. 71B54000N Exhaust Assy (BRM Aero)	750	64.9	74.2	-

¹ See Note 1.



Type Certificate Holder¹ **BRM Aero s.r.o.** Aircraft Type Designation¹ **Bristell B23-915 IFR**

Engine Manufacturer¹ **BRP - Rotax GmbH & Co.KG** Engine Type Designation¹ **Rotax 915iSc3A**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **10 (10.4b)**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels ¹	Maximum Take-Off Mass ¹ (kg)	Take-Off dB(A)		See Note
					Level ¹	Limit	
C15361	MT-Propeller Entwicklung GmbH	MTV-6-A/175-51	ADxC-DC-73-027 [B23-915 IFR capability] (IFR Configuration / MTV6 175 Propeller), Muffler: BRM Aero s.r.o. 71B54000N Exhaust Assy (BRM Aero)	750	63.2	74.2	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

Note: This table is for information purposes only. It links the applicable noise requirements in Volume I of ICAO Annex 16 to the corresponding Appendices to that Volume, which were listed as acceptable means of compliance in CS-36. With the adoption of Regulation (EU) 2018/1139 (i.e. from Amendment 12 to Volume I of ICAO Annex 16) these Appendices became part of the applicable noise requirements. Their reference was removed in Amendment 6 to CS-36 and this table will not be updated further.

TCDSN EASA.A.642 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.



Change Record

Issue	Date	Changes
Issue 1	07 October 2020	Initial Issue
Issue 2	05 July 2021	Record C14531 added
Issue 3	13 January 2022	Model Bristell B23-915
Issue 4	25 March 2022	Record C14597: Revised Edition/Amendment of ICAO Annex 16
Issue 5	10 June 2024	Records C15319 and C15320 added.
Issue 6	09 December 2024	Record C15361 added.

