

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

HB 23/2400

**Type Certificate Holder:
HB-Flugtechnik GmbH**

Dr. Adolf Schärfstrasse 42
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Austria

For models : HB 23/2400
HB 23/2400 V2
HB 23/2400 Scanliner
HB 23/2400-SP

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Type Certificate Holder* **HB-Flugtechnik GmbH** Aircraft Type Designation* **HB 23/2400**
 Engine Manufacturer* **VW** Engine Type Designation* **VW-HB-2400 G/2**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4b)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C3118	MT-Propeller	MT 167 LD 145-2C and MT 172 LD 145-2C	none	760	62,0	74,5

* Items so marked shall be included on EASA Form 45.

** Additional modifications essential to meet the requirements or needed to attain the certificated noise levels. Items so marked shall be included on EASA Form 45

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 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C5216	MT-Propeller	MT 172 LD 130-2C	none	760	70,0	70,1
C9829	Hoffmann Propeller	HO 14C-172 130 LD	none	750	69,3	70,0

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EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C9833	Hoffmann Propeller	HO 14C-172 130 LD	none	760	70,0	70,1

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EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9830	MT-Propeller	MT 172 LD 130-2C	none	760	69,0	74,5
C9831	MT-Propeller	MT 167 LD 145-2C and MT 172 LD 145-2C	none	760	62,0	74,5

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 Engine Manufacturer* **VW** Engine Type Designation* **VW-HB-2400 G/2**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C9834	Hoffmann Propeller	HO 14C-172 130 LD	none	775	70,0	70,3
C9270	MT-Propeller	MT 172 LD 130-2C	none	775	70,0	70,3

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 Engine Manufacturer* **VW** Engine Type Designation* **VW-HB-2400 G/2**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **10 (10.4b)**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C9269	MT-Propeller	MT 167 LD 145-2C and MT 172 LD 145-2C	none	775	62,0	74,8

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 Engine Manufacturer* **VW** Engine Type Designation* **VW-HB-2400 G/2**
 Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter* **6**

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Overflight dB(A)	
					Level*	Limit
C9832	Hoffmann Propeller	HO 14C-172 130 LD	none	760	70,0	70,1
C5626	MT-Propeller	MT 172 LD 130-2C	none	760	70,0	70,1

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EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Additional modifications**	Maximum Take-off mass* (kg)	Take-off dB(A)	
					Level*	Limit
C5625	MT-Propeller	MT 167 LD 145-2C and MT 172 LD 145-2C	none	760	62,0	74,5

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Change Record

Issue	Date	Changes
Issue 1	17 February 2010	Initial Issue