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# TYPE-CERTIFICATE DATA SHEET FOR NOISE

**No. EASA.A.439**

**for**

**Diamond DV 20**

**Type Certificate Holder:  
Diamond Aircraft Industries GmbH**

N.A. Otto-Str. 5  
A-2700 Wiener Neustadt  
AUSTRIA

For models: DV 20  
DV 20 E



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Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DV 20**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 A3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **6**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Overflight dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3013	<b>Hoffmann Propeller</b>	<b>HO-V352F-()170FQ</b>	<b>none</b>	<b>730</b>	<b>58.0</b>	<b>69.7</b>	-
C3015	<b>Hoffmann Propeller</b>	<b>HO-V72F-S170DW</b>	<b>none</b>	<b>730</b>	<b>58.9</b>	<b>69.7</b>	-

<sup>1</sup> See Note 1.

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Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 A3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C3742	<b>MT-Propeller Entwicklung GmbH</b>	<b>MTV-21-A/175-05</b>	<b>none</b>	<b>730</b>	<b>66.7</b>	<b>78.8</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DV 20**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **5 Edition / Amendment 9**      Chapter<sup>1</sup>      **10 (10.4b)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C10373	<b>Hoffmann Propeller</b>	<b>HO-V352F-()170FQ</b>	<b>Silencer : Diamond Aircraft D20-7806-10-00_() Exhaust System with Muffler according MÄM 20-334</b>	<b>730</b>	<b>67.0</b>	<b>73.8</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DV 20**

Engine Manufacturer<sup>1</sup>      **BRP - Rotax GmbH & Co.KG**      Engine Type Designation<sup>1</sup>      **Rotax 912 S3**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C9365	<b>Hoffmann Propeller</b>	<b>HO-V352F-()170FQ</b>	<b>none</b>	<b>730</b>	<b>67.4</b>	<b>78.8</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>      **Diamond Aircraft Industries GmbH**      Aircraft Type Designation<sup>1</sup>      **DV 20 E**

Engine Manufacturer<sup>1</sup>      **BRP Powertrain**      Engine Type Designation<sup>1</sup>      **Rotax 912 iSc3 Sport**

Noise Certification Basis      **ICAO Annex 16, Volume I**      Edition / Amendment      **6 Edition / Amendment 0**      Chapter<sup>1</sup>      **10 (10.4a)**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Additional modifications essential to meet the requirements or needed to attain the certificated noise levels	Maximum Take-off mass <sup>1</sup> (kg)	Take-off dB(A)		See Note
					Level <sup>1</sup>	Limit	
C12572	<b>MT-Propeller</b>	<b>MTV-21-A/175-05</b>	<b>Silencer : Diamond Aircraft D21-7806-10-00()</b>	<b>800</b>	<b>71.7</b>	<b>75.3</b>	-

<sup>1</sup> See Note 1.



**TCDSN EASA.A.439 Notes**

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



### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
Issue 1	01 October 2009	Initial Issue
Issue 2	06 April 2011	Record C10373 and C10374 added.
Issue 3	20 October 2014	Revised
Issue 4	25 January 2016	Record C12572 added.

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