TCDSN No.: EASA.A.239 DG single seaters

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TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.239

for

DG single seaters

Type Certificate Holder:
DG Aviation GmbH
Otto-Lilienthal-Weg 2
D-76646 Bruchsal
Germany

For models:

DG-400 DG-600/18M DG-600M



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Type Certificate Holder¹ DG Aviation GmbH Aircraft Type Designation¹ DG-400

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 505

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propollor	Propeller Type	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		- See
Record No.	Properties 1 requirements or needed to attain the certificated		Take-Off Mass¹ (kg)	Level ¹	Limit	Note	
C5534	MT-Propeller Entwicklung GmbH	MT 136 R 75-1B	Noise reduction kit TM 826/29	460	64.8	76.0	-

¹ See Note 1.



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Type Certificate Holder¹ DG Aviation GmbH Aircraft Type Designation¹ DG-400

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 505

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

EASA	Propeller Manufacturer ¹	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Overflight dB(A)		Soo
Record No.			requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	See Note
C2984	Hoffmann	HO-11-F-128-B-84	None	480	51.9	68.0	_
	Propeller	110-11-1-120-0-0-4	None	400			_
	MT-Propeller						
C2985	Entwicklung	MT 136 R 75-1B	None	480	51.9	68.0	-
	GmbH						

¹ See Note 1.



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Type Certificate Holder¹ DG Aviation GmbH Aircraft Type Designation¹ DG-600/18M

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 275

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

EASA	Propeller	Decignation1	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C2989	MT-Propeller Entwicklung GmbH	MT 140 L 92-1B	MT 140 L 92-1B None		63.3	68.0	-

¹ See Note 1.



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Type Certificate Holder¹ DG Aviation GmbH Aircraft Type Designation¹ DG-600M

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 275

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 10 (10.4a)

EASA	Propeller Manufacturer ¹	Designed and	Additional modifications essential to meet the	Maximum	Take-Off dB(A)		See
Record No.			requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C2990	MT-Propeller Entwicklung GmbH	wicklung MT 140 L 92-1B None		440	73.4	76.0	-

¹ See Note 1.



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Type Certificate Holder¹ DG Aviation GmbH Aircraft Type Designation¹ DG-600M

Engine Manufacturer¹ BRP - Rotax GmbH & Co.KG Engine Type Designation¹ Rotax 275

Noise Certification Basis ICAO Annex 16, Volume I Edition / Amendment Chapter¹ 6

EASA	Propollor	Propeller Type Designation ¹	Additional modifications essential to meet the	Maximum	Overflight dB(A)		See
Record No.	Manufacturer ¹		requirements or needed to attain the certificated noise levels ¹	Take-Off Mass¹ (kg)	Level ¹	Limit	Note
C2991	MT-Propeller Entwicklung GmbH	cklung MT 140 L 92-1B None		440	63.3	68.0	-

¹ See Note 1.



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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

TCDSN EASA.A.239 Notes

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



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Change Record

Issue	Date	Changes
Issue 1	16 October 2014	Initial Issue
Issue 2	24 March 2022	TC holder changed