

EC centrifugal fans

forward curved, dual inlet, with housing, Ø 133

- **Material:** Housing: Plastic PP, black
Impeller: Plastic PA 6, fibreglass-reinforced; Ⓢ Hot-dip galvanised sheet steel
Rotor: Galvanised
Electronics housing: Plastic PP, black
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharges:** None, open rotor
- **Mode of operation:** Continuous operation (S1)
- **Design:** Motor anti-vibration mounted on both sides
- **Bearings:** Maintenance-free ball bearings

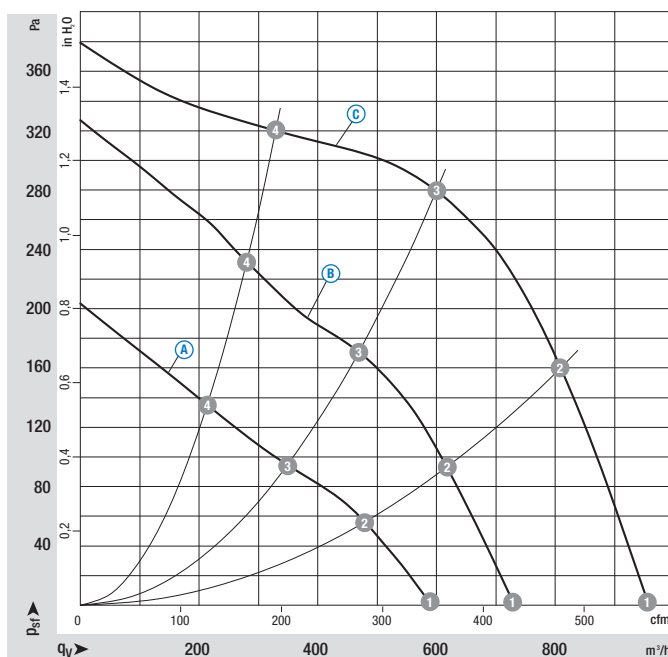


Nominal data		Curve	Nominal voltage range	Frequency	Speed/rpm ⁽¹⁾	Max. input power ⁽¹⁾	Max. current draw ⁽¹⁾	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	p. 32/34	
D3G 133	M3G 055-BI	Ⓐ	1~ 200-240	50/60	1330	56	0,50	0	-25..+55	H4)
D3G 133	M3G 055-CF	Ⓑ	1~ 200-240	50/60	1620	82	0,70	0	-25..+40	H4)
D3G 133	M3G 055-DF	Ⓒ	1~ 200-240	50/60	2170	185	1,45	0	-25..+60	H6)

subject to alterations

(1) Nominal data in operating point with maximum load and 230 VAC

Curves



Air performance measured as per: ISO 5801, Installation category A, in ebm-papst scroll housing and without protection against accidental contact

Suction-side noise levels: L_{WA} as per ISO 13347, L_{pA} measured at 1 m distance to fan axis

The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

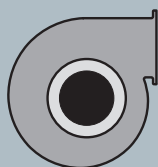
With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!

For detailed information see page 36 ff.

	n rpm	P _e W	I A	L _{WA} dB(A)
Ⓐ 1	1330	56	0,50	64
Ⓐ 2	1480	47	0,45	61
Ⓐ 3	1595	41	0,41	60
Ⓐ 4	1825	30	0,32	60
Ⓑ 1	1620	82	0,70	68
Ⓑ 2	1840	81	0,68	67
Ⓑ 3	2150	78	0,67	66
Ⓑ 4	2350	60	0,54	67
Ⓒ 1	2170	185	1,45	76
Ⓒ 2	2450	183	1,43	75
Ⓒ 3	2695	159	1,25	74
Ⓒ 4	2710	99	0,81	72

- **Technical features:**
 - Control input 0-10 VDC / PWM
 - Output 10 VDC max. 1,1 mA
- **Motor protection:** TOP wired internally
- **EMC:**
 - (A) (B) Interference emission acc. to EN 61000-6-3
 - (C) Interference emission acc. to EN 61000-6-4
 - (A) (B) (C) Interference immunity acc. to EN 61000-6-2
 - (A) (B) Harmonics acc. to EN 61000-3-2
- **Leakage current:** <= 3,5 mA acc. to EN 60335-1
- **(A) (B) Cable exit:** variable
- **(C) Connection leads:** Via plug
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1

- Tach output
- Motor current limitation
- Soft start



Mass

Centrifugal fan with housing & flange

kg

D3G 133-LT13 -01 2,3

D3G 133-LU01 -01 2,5

D3G 133-LV13 -01 2,7

