

EC centrifugal blowers

dual inlet, Ø 133

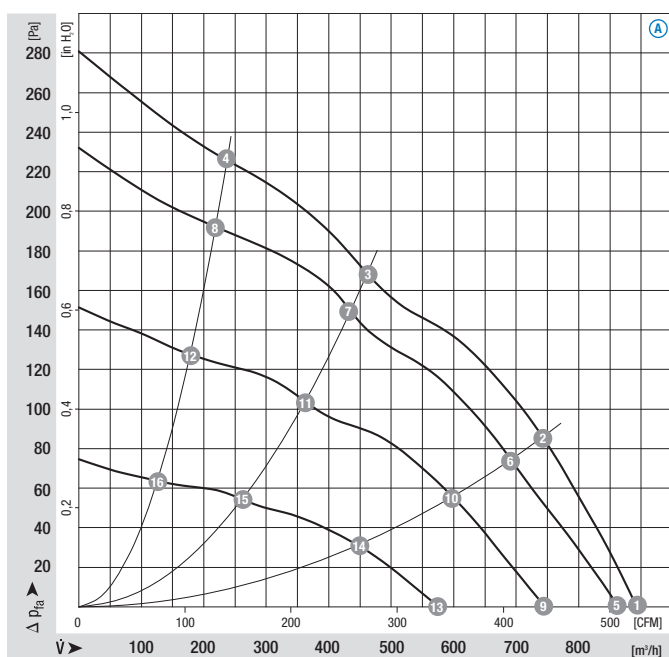
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Galvanised
Electronics enclosure: Die-cast aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings



Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm	Max. power input ⁽¹⁾	Max. current draw ⁽¹⁾	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	p. 40	
D3G 133	M3G 055-CF	Ⓐ 1~ 230	50/60	1280	86	0,65	0	-25..+40	H1)	

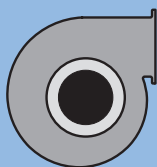
subject to alterations (1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]	η _{HL} [%]
Ⓐ 1	1280	86	0,65	60	—
Ⓐ 2	1550	82	0,63	58	46
Ⓐ 3	1825	62	0,48	54	53
Ⓐ 4	2055	47	0,36	53	44
Ⓐ 5	1270	83	0,63	59	—
Ⓐ 6	1460	69	0,54	56	44
Ⓐ 7	1720	51	0,39	53	53
Ⓐ 8	1930	39	0,30	53	41
Ⓐ 9	1110	53	0,41	55	—
Ⓐ 10	1270	44	0,34	51	44
Ⓐ 11	1440	30	0,23	48	51
Ⓐ 12	1570	22	0,17	48	40
Ⓐ 13	855	25	0,19	49	—
Ⓐ 14	960	21	0,16	43	41
Ⓐ 15	1070	15	0,12	39	40
Ⓐ 16	1110	10	0,09	38	31

- **Technical features:**
 - Control input 0-10 VDC / PWM
 - Output 10 VDC max. 1.1 mA
- **EMC:** Interference emission acc. to EN 61000-6-3
Interference immunity acc. to EN 61000-6-1
Harmonics acc. to DIN EN 61000-3-2/3
- **Leakage current:** < 3.5 mA acc. to EN 60950-1
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** GOST; UL, VDE, CSA, CCC are applied for
 - Tach output
 - Locked-rotor protection



Mass of centrifugal blower

Centrifugal blower with flange

kg

D3G 133-BF03 -02

3,0

