

EC centrifugal fans and blowers

single inlet, Ø 133



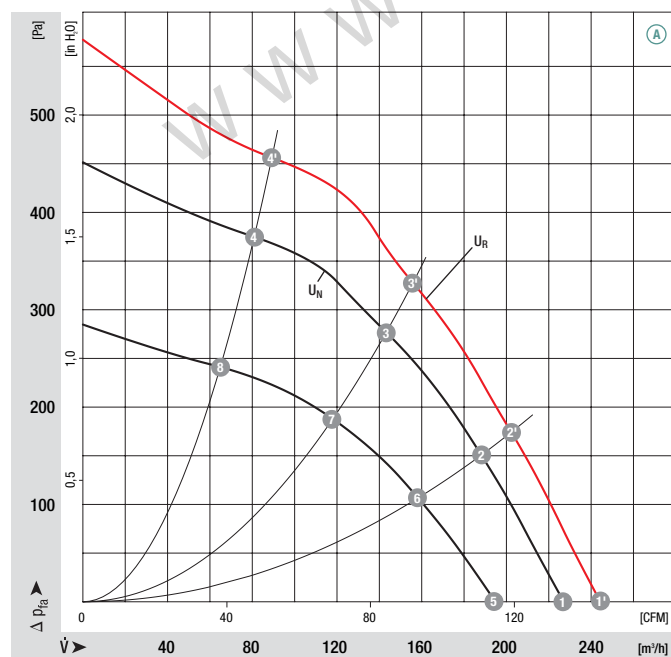
- **Material:** Housing: Hot-dip galvanised sheet steel
Impeller: Hot-dip galvanised sheet steel
Rotor: Galvanised
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 22
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage VDC	Voltage range VDC	Air flow m³/h	Speed/rpm	Power input W	Current draw A	Sound pressure level dB(A)	Min. back pressure Pa	Perm. amb. temp. °C	Electr. connection p. 600
*1G 133	M1G 055-BD	(A)	24	16-28	225	2000	40	2.20	64	0	-25 to +60	G)
*1G 133	M1G 055-BD	(A)	48	36-57	225	2000	45	1.10	64	0	-25 to +60	G)

subject to alterations

Curves

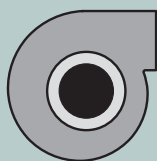


	n [rpm]	P ₁ [W]	L _{pA} [dB(A)]	η _{HL} [%]
(A) 1'	2170	57	66	—
(A) 2'	2410	51	66	47
(A) 3'	2750	44	64	49
(A) 4'	3200	36	66	32
(A) 1	2000	45	64	—
(A) 2	2230	40	64	49
(A) 3	2540	35	62	51
(A) 4	2920	27	63	33
(A) 5	1750	28	60	—
(A) 6	1910	24	59	50
(A) 7	2120	20	58	53
(A) 8	2370	15	59	35

- **Technical features:**
 - Control input 0-10 VDC / PWM
- **EMC:** Interference emission acc. to EN 61000-6-3
Interference immunity acc. to EN 61000-6-2
- **Cable exit:** Lateral
- **Protection class:** I
- **Product conforming to standard:** EN 60950-1
- **Approvals:** (A) (24 VDC) UL, CSA, (A) (48 VDC) CCC
- Tach output
- Reverse polarity and locked-rotor protection



Mass of centrifugal fan



Mass of centrifugal blower

Centrifugal fan	kg	Centrifugal blower without flange	kg
R1G 133-AE19 -02	0.7	G1G 133-DE19 -02	1.3
R1G 133-AE03 -02	0.7	G1G 133-DE03 -02	1.3

