

Max. 225 m³/h

DC centrifugal fans and blowers

Ø 133 mm



- **Material:** Housing: Hot-dip galvanized sheet steel
Impeller: Hot-dip galvanized sheet steel
Rotor: Galvanized
- **Direction of rotation:** Clockwise, looking towards rotor
- **Degree of protection:** IP 22
- **Insulation class:** "B"
- **Installation position:** Any
- **Condensation drainage holes:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

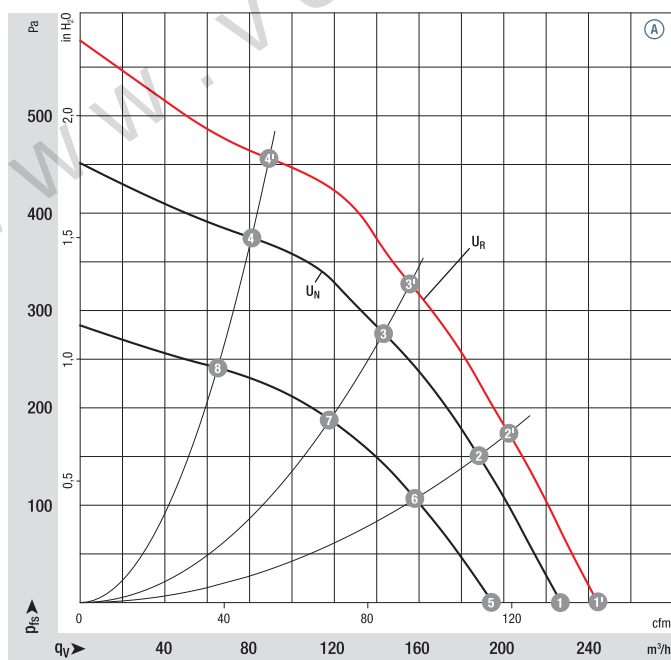
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
*1G 133	M1G 055-BD	Ⓐ	24	16-28	225	2000	40	2.20	64	0	-25...+60	p. 259 / G)
*1G 133	M1G 055-BD	Ⓐ	48	36-57	225	2000	40	1.10	64	0	-25...+60	p. 259 / G)

Subject to change

Curves:

U_N = nominal
voltage
(24 V / 48 V)

U_R = over-
voltage
(28 V / 57 V)



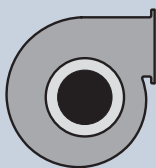
Air performance measured according to: ISO 5801, installation category A, with ebm-papst scroll housing without contact protection. Suction-side noise levels: L_{WA} according to ISO 13347, L_{pA} measured at 1 m distance from fan axis. The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation from the standard configuration, the parameters must be checked after installation! For detailed information see <http://www.ebmpapst.com/general-conditions>

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

- **Technical features:** See connection diagram p. 259
- **Cable exit:** Lateral
- **Protection class:** I
- **Conformity with standard(s):** EN 60950-1
- **Approvals:** (A) (24 VDC) UL, CSA, (A) (48 VDC) CCC



Weight
centrifugal fans



Weight
centrifugal blowers

Centrifugal fans

kg

Centrifugal blowers with 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

