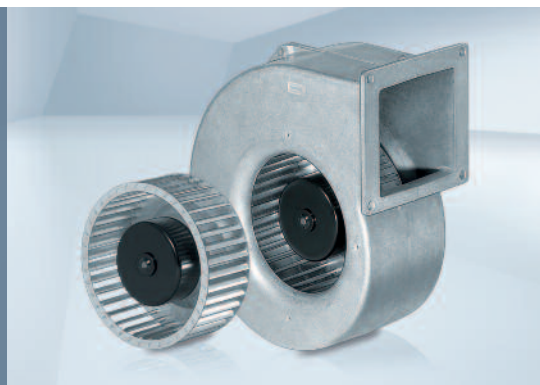


Max. 410 m³/h

DC centrifugal fans and blowers

Ø 140 mm



- **Material:** Housing: Die-cast aluminum
Impeller: Hot-dip galvanized sheet steel
Rotor: Painted black
- **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

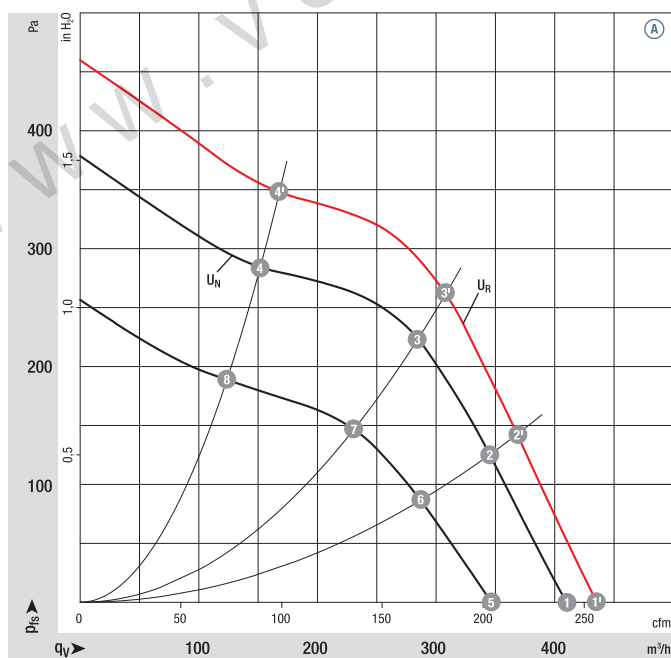
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
*1G 140	M1G 055-BD	Ⓐ	24	16-28	400	1750	54	2.50	63	0	-25...+60	p. 259 / G)
*1G 140	M1G 055-BD	Ⓐ	48	36-57	410	1750	54	1.30	63	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)



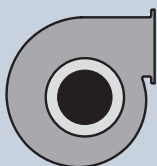
	n rpm ⁻¹	P _{ed} W	L _{pA} dB(A)	η _{IL} %
Ⓐ 1'	1850	65	64	—
Ⓐ 2'	2020	61	61	50
Ⓐ 3'	2200	57	59	54
Ⓐ 4'	2550	43	60	40
Ⓐ 1	1750	54	63	—
Ⓐ 2	1900	50	59	51
Ⓐ 3	2030	45	58	54
Ⓐ 4	2310	32	58	40
Ⓐ 5	1500	34	60	—
Ⓐ 6	1580	29	56	50
Ⓐ 7	1670	25	54	53
Ⓐ 8	1880	19	53	41

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>

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



Weight
centrifugal fans



Weight
centrifugal blowers

Centrifugal fans

kg

Centrifugal blowers with flange

kg

R1G 140-AV17 -02

1.0

G1G 140-AV17 -02

2.3

R1G 140-AV21 -02

1.0

G1G 140-AV21 -02

2.3

