

Max. 200 m³/h

DC centrifugal fans and blowers

Ø 108 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

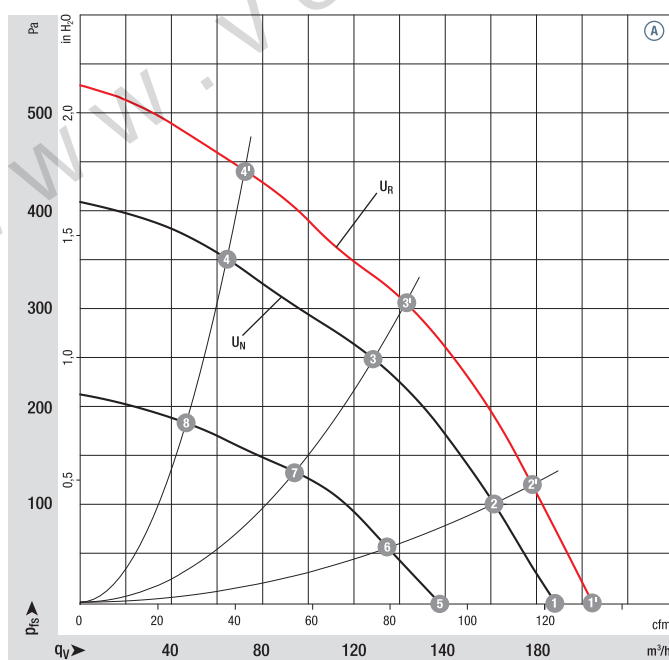
Type	Motor	Curve	Nominal voltage	Nominal voltage range	Air flow	Nominal speed	Power consumption	Input current	Sound pressure level	Min. back-pressure	Admissible amb. temp.	Technical features and connection diagram
			VDC	VDC	m ³ /h	rpm ⁻¹	W	A	dB(A)	Pa	°C	
*1G 108	M1G 055-BD	Ⓐ	24	16-28	200	3000	42	2.00	65	0	-25...+60	p. 259 / G)
*1G 108	M1G 055-BD	Ⓐ	48	36-57	200	3000	42	1.00	65	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)



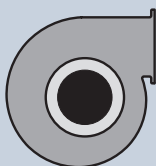
	n	P _{ed}	L _{pA}	η _{IL}
	rpm ⁻¹	W	dB(A)	%
Ⓐ 1'	3230	55	67	—
Ⓐ 2'	3410	52	66	33
Ⓐ 3'	3800	43	65	41
Ⓐ 4'	4100	35	64	33
Ⓐ 1	3000	42	65	—
Ⓐ 2	3140	40	64	33
Ⓐ 3	3420	32	63	41
Ⓐ 4	3690	26	63	33
Ⓐ 5	2300	20	61	—
Ⓐ 6	2380	17	58	33
Ⓐ 7	2550	14	55	41
Ⓐ 8	2720	11	55	33

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:** (A) (24 VDC) UL, CSA, (A) (48 VDC) CCC



Weight
centrifugal fans



Weight
centrifugal blowers

Centrifugal fans

kg

Centrifugal blowers with flange

kg

R1G 108-AB17 -02

0.7

G1G 108-AB17 -02

1.4

R1G 108-AB41 -02

0.7

G1G 108-AB41 -02

1.4

