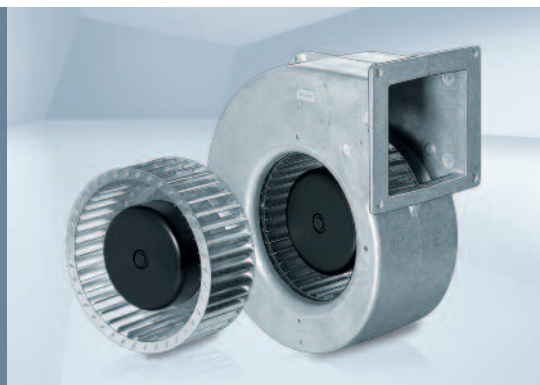


Max. 505 m³/h

DC centrifugal fans and blowers

Ø 160 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 42
- Insulation class: "B"
- Installation position: Any
- Condensation drainage holes: None
- Mode of operation: Continuous operation (S1)
- Bearings: Maintenance-free ball bearings

Nominal data

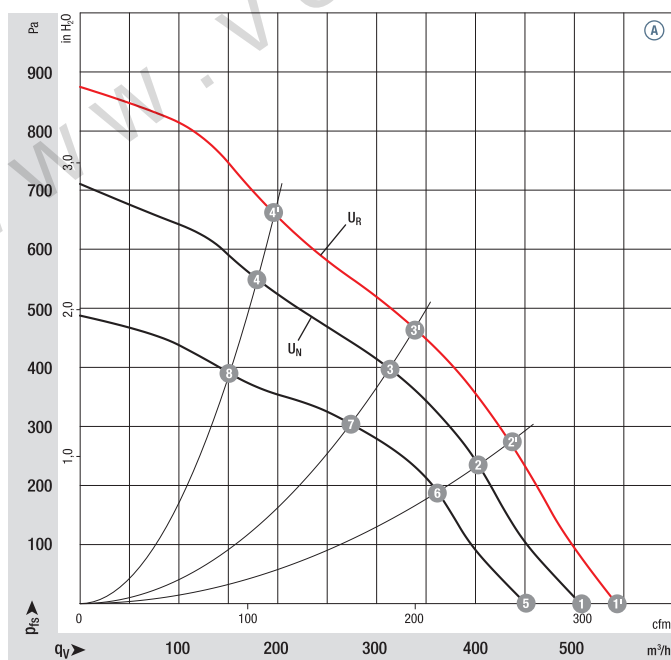
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
*1G 160	M1G 074-BF	Ⓐ	24	16-28	505	1750	105	5.80	67	0	-25...+60	p. 259 / G)
*1G 160	M1G 074-BF	Ⓐ	48	36-57	505	1750	105	2.90	67	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'	1890	134	68	—
Ⓐ 2'	2200	118	67	52
Ⓐ 3'	2500	110	67	57
Ⓐ 4'	2900	102	69	52
Ⓐ 1	1750	105	67	—
Ⓐ 2	2030	95	66	52
Ⓐ 3	2270	90	65	57
Ⓐ 4	2550	81	67	44
Ⓐ 5	1580	72	62	—
Ⓐ 6	1810	66	62	52
Ⓐ 7	2000	58	62	57
Ⓐ 8	2200	48	63	54

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.ebm-papst.com/general-conditions>

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

Information

DC axial fans

DC centrifugal fans

DC fans - specials

ACmaxx / EC fans

AC axial fans

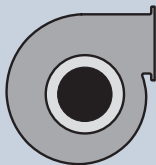
AC centrifugal fans

Accessories

Representatives



Weight
centrifugal fans



Weight
centrifugal blowers

Centrifugal fans	kg	Centrifugal blowers with flange	kg
R1G 160-AH29 -52	1.4	G1G 160-BH29 -52	2.8
R1G 160-AH39 -52	1.4	G1G 160-BH39 -52	2.8

