

Max. 980 m³/h

DC centrifugal blowers

Ø 160 mm



- Material:** Housing: Galvanized sheet steel
Impeller: Galvanized sheet steel
Rotor: Painted black
- Direction of rotation:** Counterclockwise, looking towards rotor
- Degree of protection:** IP 42
- Insulation class:** "B"
- Installation position:** Any
- Condensation drainage holes:** None
- Mode of operation:** Continuous operation (S1)
- Design:** SAL motor mounted with vibration damping on both sides
- Bearings:** Maintenance-free ball bearings

Nominal data

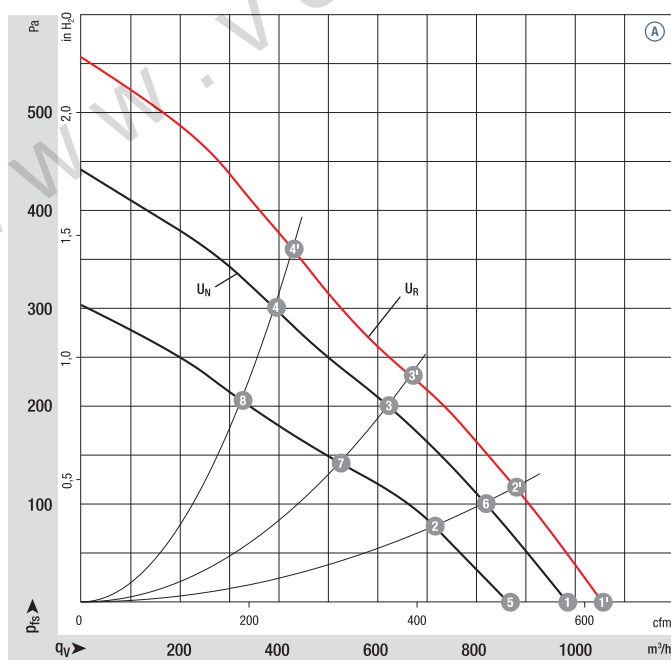
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
D1G 160	M1G 074-CF	Ⓐ	24	16-28	980	1250	112	5.60	60	0	-25...+60	p. 259 / G)
D1G 160	M1G 074-CF	Ⓐ	48	36-57	980	1250	112	2.90	60	0	-25...+60	p. 259 / G)

Subject to change

Curves:

U_N = nominal voltage
(24 V / 48 V)

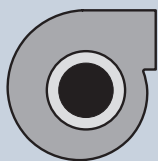
U_R = over-voltage
(28 V / 57 V)



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'	1330	142	63	—
Ⓐ 2'	1520	128	61	64
Ⓐ 3'	1790	115	59	66
Ⓐ 4'	2090	105	60	60
Ⓐ 1	1250	112	60	—
Ⓐ 2	1420	102	59	64
Ⓐ 3	1660	92	58	66
Ⓐ 4	1900	80	58	60
Ⓐ 5	1100	75	58	—
Ⓐ 6	1250	69	56	64
Ⓐ 7	1420	58	54	66
Ⓐ 8	1580	47	53	60

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



Weight
centrifugal blowers

Centrifugal blowers
without flange

kg

D1G 160-DA19 -52

3.6

D1G 160-DA33 -52

3.6

