

Max. 700 m³/h

DC centrifugal blowers

Ø 133 mm



- **Material:** Housing: Galvanized sheet steel
Impeller: 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)
- **Design:** SAL motor mounted with vibration damping on both sides
- **Bearings:** Maintenance-free ball bearings

Nominal data

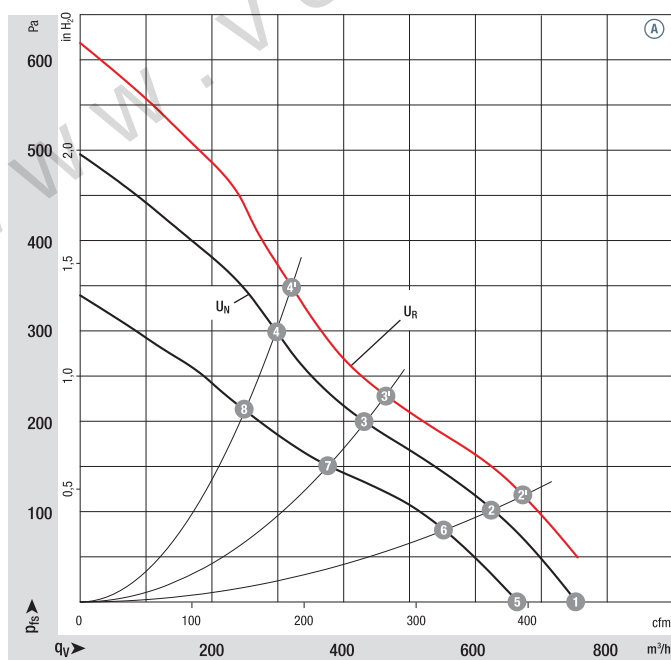
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
D1G 133	M1G 074-BF	Ⓐ	24	16-28	700	1780	105	5.60	62	50	-25...+60	p. 259 / G)
D1G 133	M1G 074-BF	Ⓐ	48	36-57	700	1780	105	2.80	62	50	-25...+60	p. 259 / G)

Subject to change

Curves:

U_N = nominal voltage
(24 V / 48 V)

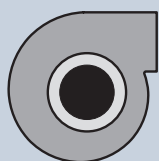
U_R = over-voltage
(28 V / 57 V)



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'	—	—	—	—
Ⓐ 2'	2050	121	63	49
Ⓐ 3'	2490	106	62	41
Ⓐ 4'	2820	100	62	37
Ⓐ 1	1780	105	62	—
Ⓐ 2	1900	97	61	49
Ⓐ 3	2310	86	59	41
Ⓐ 4	2630	80	60	37
Ⓐ 5	1500	73	59	—
Ⓐ 6	1720	67	57	49
Ⓐ 7	2020	58	56	41
Ⓐ 8	2230	49	56	37

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



Weight
centrifugal blowers

Centrifugal blowers
without flange

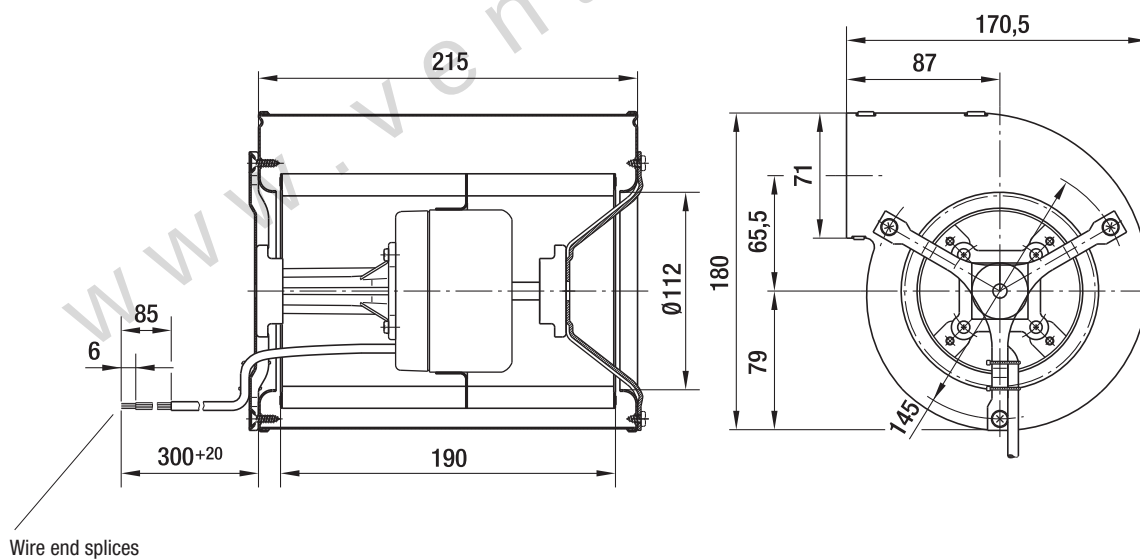
kg

D1G 133-AB29 -52

3.3

D1G 133-AB39 -52

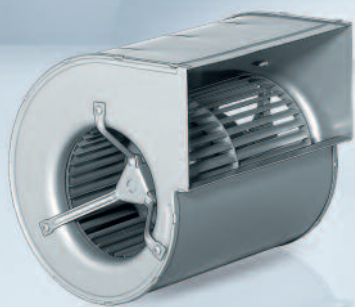
3.3



Max. 1020 m³/h

DC centrifugal blowers

Ø 133 mm



- Material:** Housing: Galvanized sheet steel
Impeller: 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)
- Design:** SAL motor mounted with vibration damping on both sides
- Bearings:** Maintenance-free ball bearings

Nominal data

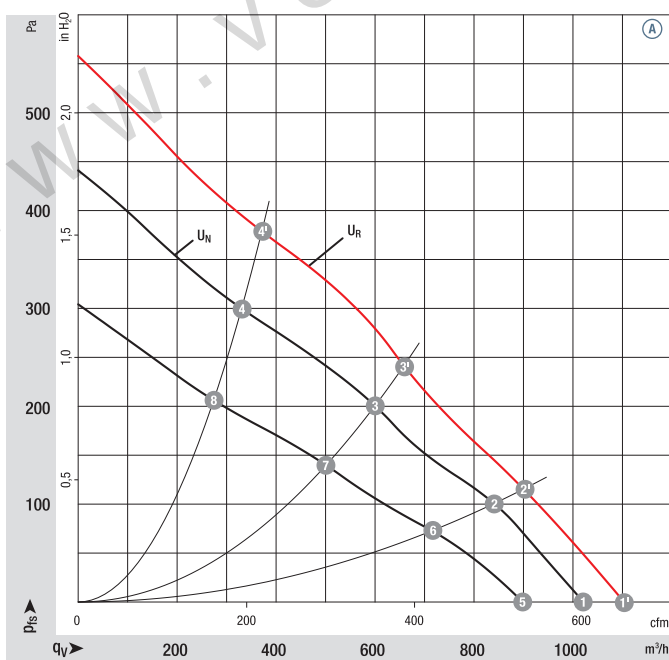
Type	Motor	Curve	Nominal voltage VDC	Nominal voltage range VDC	Air flow m ³ /h	Nominal speed rpm ⁻¹	Power consumption W	Input current A	Sound pressure level dB(A)	Min. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
D1G 133	M1G 074-BF	Ⓐ	24	16-28	1020	1580	118	6.00	64	0	-25...+60	p. 259 / G)
D1G 133	M1G 074-BF	Ⓐ	48	36-57	1020	1580	118	3.00	64	0	-25...+60	p. 259 / G)

Subject to change

Curves:

U_N = nominal voltage
(24 V / 48 V)

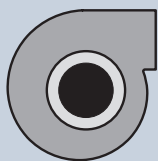
U_R = over-voltage
(28 V / 57 V)



	n rpm ⁻¹	P _{ed} W	L _{pA} dB(A)	η _{IL} %
Ⓐ 1'	1700	145	65	—
Ⓐ 2'	1930	133	62	38
Ⓐ 3'	2290	122	59	41
Ⓐ 4'	2700	99	61	32
Ⓐ 1	1580	118	64	—
Ⓐ 2	1790	107	61	38
Ⓐ 3	2100	95	57	41
Ⓐ 4	2410	73	58	32
Ⓐ 5	1400	78	60	—
Ⓐ 6	1580	70	56	38
Ⓐ 7	1760	56	53	41
Ⓐ 8	2000	44	53	32

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
- **EMC (24 VDC):** Interference emission acc. to EN 55022, class B
Immunity to interference acc. to EN 61000-6-2
- **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 133-DC13 -52

3.4

D1G 133-DC17 -52

3.4

