

Max. 1650 m³/h

DC diagonal module

□ 225 x 89 mm



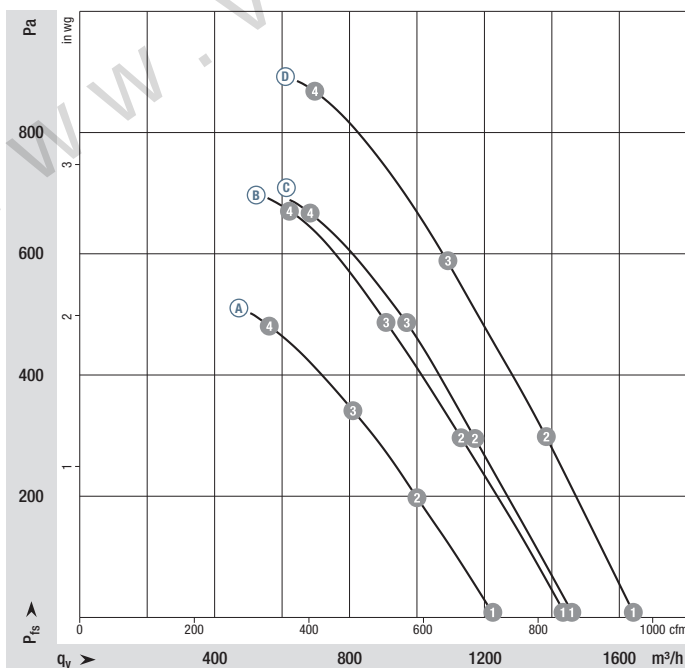
- Material:** Housing and support bracket: Plastic (PA)
Impeller: Plastic (PA)
Rotor: Painted black
- Number of blades:** 7
- Direction of air flow:** "V"
- Direction of rotation:** Clockwise, looking towards rotor
- Degree of protection:** Ⓐ Ⓒ IP 44, Ⓑ Ⓓ IP 20, depending on installation and position
- Insulation class:** "B"
- Installation position:** Any
- Condensation drainage holes:** Ⓐ Ⓒ none, Ⓑ Ⓓ seen on rotor
- 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 power level dB(A)	Admissible amb. temp. °C	Weight kg	Technical features and connection diagram
K3G 200-BD46-04	M3G 074-CF	Ⓐ	24	16...28	1240	4120	170	7.0	80	-25...+60	2.3	p. 262 / J5)
K3G 200-BD44-02	M3G 074-CF	Ⓑ	24	16...28	1445	4830	275	11.5	84	-25...+60	2.3	p. 262 / J5)
K3G 200-BD64-04	M3G 074-CF	Ⓒ	48	36...57	1475	4875	275	5.8	85	-25...+60	2.3	p. 262 / J5)
K3G 200-BDA8-02	M3G 074-CF	Ⓓ	48	36...57	1650	5470	400	8.4	88	-25...+60	2.3	p. 262 / J5)

Subject to change

Curves:

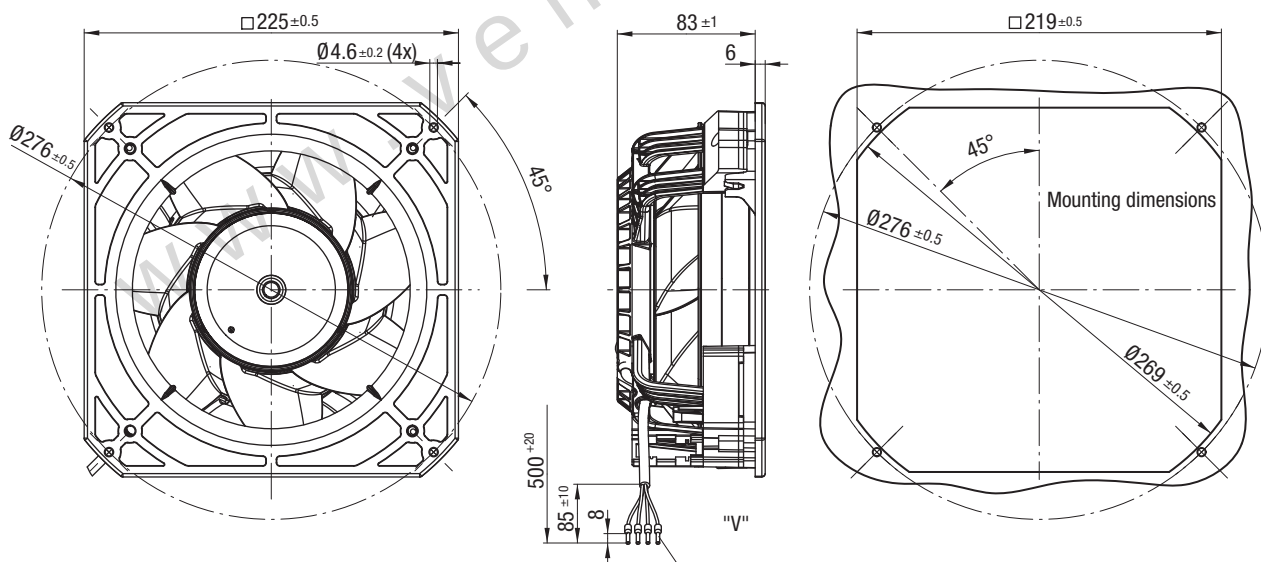


	n rpm ⁻¹	P _{ed} W	I A	L _{WA} dB(A)
Ⓐ 1	4120	170	7.00*	80
Ⓐ 2	4025	180	7.52*	77
Ⓐ 3	4005	187	7.80*	76
Ⓐ 4	4045	187	7.78*	78
Ⓑ 1	4830	275	11.50*	84
Ⓑ 2	4720	294	12.24*	81
Ⓑ 3	4685	299	12.48*	80
Ⓑ 4	4715	295	12.30*	83
Ⓒ 1	4875	275	5.80*	85
Ⓒ 2	4795	300	6.27*	81
Ⓒ 3	4755	307	6.41*	80
Ⓒ 4	4780	304	6.35*	82
Ⓓ 1	5470	400	8.40*	88
Ⓓ 2	5365	426	8.89*	85
Ⓓ 3	5310	438	9.17*	83
Ⓓ 4	5355	431	9.01*	87

* Current measured at nominal voltage.

Air performance measured according to: ISO 5801, Installation category A, 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. 262
- **EMC (48 V):** Immunity to interference according to EN 61000-6-2 (industrial environment)
Interference emission according to EN 55022 (Class B, household environment)
- **Cable exit:** Lateral
- **Conformity with standard(s):** EN 60335-1
- **Approvals:** (24 V) EAC
(48 V) EAC, CCC



Cable assignment:

Red = UN
Yellow = 0-10 VDC
White = tach output
Blue = GND

PVC AWG 16 cable
4x crimped ferrules