

Max. 2345 m³/h

DC axial fans – HyBlade®

Ø 300 mm



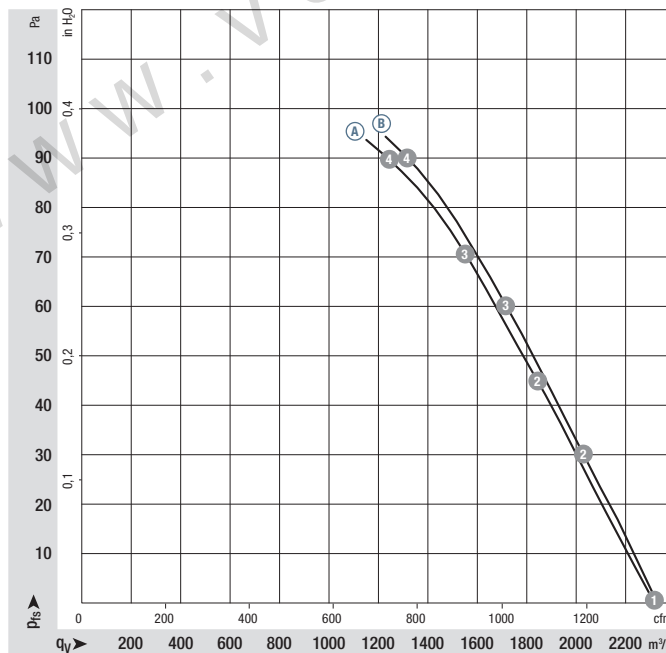
- **Material:**
Finger guard: Steel, phosphated and coated in black plastic
Fan housing: Sheet steel, pre-galvanized and coated in black plastic
Blades: Plastic (PP)
Rotor: Painted black
- **Number of blades:** 5
- **Direction of air flow:** "V"
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Degree of protection:** IP 42
- **Insulation class:** "B"
- **Installation position:** Any
- **Condensation drainage holes:** None
- **Mode of operation:** Continuous operation (S1)
- **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	Max. back-pressure Pa	Admissible amb. temp. °C	Technical features and connection diagram
*1G 300	M1G 074-CF	Ⓐ	24	16-28	2320	1830	80	3.80	100	-25..+60	p. 262 / J5)
*1G 300	M1G 074-CF	Ⓑ	48	36-57	2345	1830	80	1.90	100	-25..+60	p. 262 / J5)

Subject to change

Curves:



	n rpm ⁻¹	P _{ed} W	I A	L _{WA} dB(A)
Ⓐ ①	1810	80	3.80	67
Ⓐ ②	1730	86	4.03	67
Ⓐ ③	1690	87	4.10	66
Ⓐ ④	1635	89	4.21	70
Ⓑ ①	1870	87	2.00	68
Ⓑ ②	1805	90	2.10	67
Ⓑ ③	1765	91	2.13	67
Ⓑ ④	1695	92	2.19	69

Air performance measured according to: ISO 5801, installation category A, in ebm-papst full nozzle 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:** Interference emission acc. to EN 55022 (Class B)
Immunity to interference acc. to EN 61000-6-2 (industrial environment)
- **Cable exit:** Lateral
- **Conformity with standard(s):** EN 60950-1, UL 1004-1, CSA C22.2 no. 100
- **Approvals:** GOST, UL

Airflow direction		Weight without attachments		Weight with full round nozzle		Weight with finger guard for short nozzle
	without attachments	kg	With full round nozzle	kg	With finger guard for short nozzle	kg
"V"	A1G 300-AC19 -54	1.8	W1G 300-DC19 -54	3.8	S1G 300-AC19 -54	2.8
"V"	A1G 300-AC33 -54	1.8	W1G 300-DC33 -54	3.8	S1G 300-AC33 -54	3.1

