

Max. 2070 m³/h

DC axial fans

Ø 250 mm



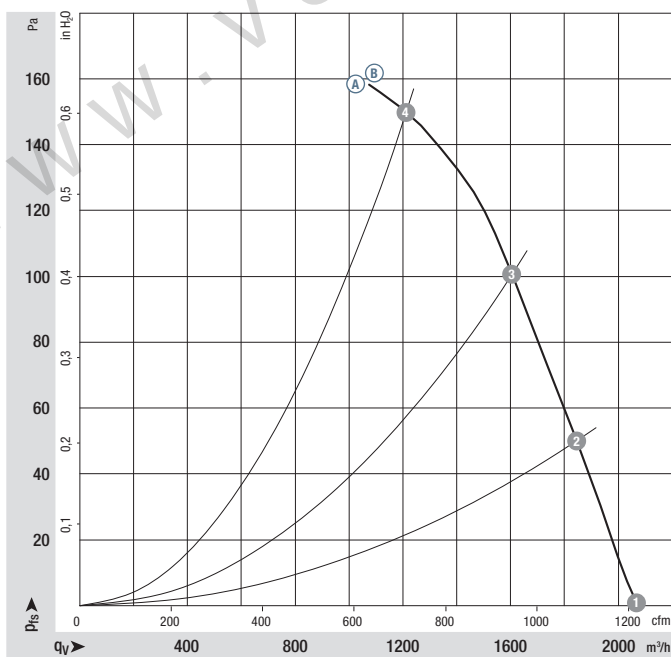
- Material:** Fan housing: Die-cast aluminum
Blades: Plastic (PP)
Rotor: Thick-film passivated
- Number of blades:** 7
- Direction of air flow:** "V"
- Direction of rotation:** Counterclockwise, looking towards rotor
- Insulation class:** "B"
- Installation position:** Any
- Condensation drainage holes:** On rotor side
- Mode of operation:** Continuous operation (S1)
- Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage	Nominal voltage range	Air flow	Nominal speed	Power consumption	Input current	Max. back-pressure	Admissible amb. temp.	Technical features and connection diagram
			VDC	VDC	m ³ /h	rpm ⁻¹	W	A	Pa	°C	
W1G250-HJ87 -02	M1G 074-BF	Ⓐ	24	16-28	2070	3090	120	7.00	150	-25...+60	p. 258 / E)
W1G250-HJ63 -02	M1G 074-BF	Ⓑ	48	36-57	2070	3090	120	3.40	150	-25...+60	p. 258 / E)

Subject to change

Curves:



	n	P _{ed}	I	L _{WA}
	rpm ⁻¹	W	A	dB(A)
Ⓐ ①	3090	120	6.80	74
Ⓐ ②	2950	124	7.10	73
Ⓐ ③	2820	127	7.43	73
Ⓐ ④	2730	130	7.80	78
Ⓑ ①	3090	120	3.40	74
Ⓑ ②	2950	124	3.55	73
Ⓑ ③	2820	127	3.74	73
Ⓑ ④	2730	130	3.90	78

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. 258
- **EMC:** Interference emission acc. to EN 55022 (Class B)
Immunity to interference acc. to EN 61000-6-2 (industrial environment)
- **Electrical hookup:** Via terminal strip
- **Protection class:** I
- **Conformity with standard(s):** EN 60950-1

