

Energy-saving axial fans

Ø 250



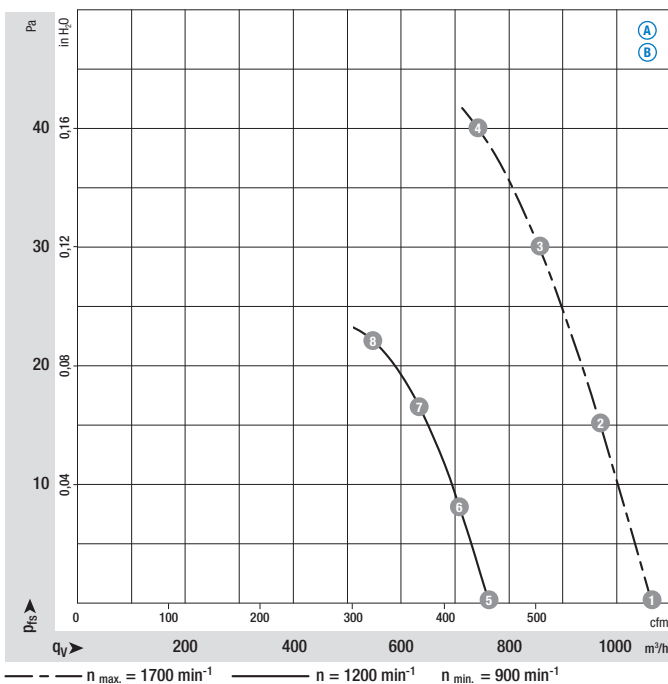
- **Material:** Wall ring: Plastic PP
Blade: Plastic PA, fiberglass-reinforced
- **Number of blades:** 5
- **Direction of air flow:** "V", exhaust over struts
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Con. operation (S1)
- **Bearings:** Maintenance-free ball bearings
- **Motor protection:** Via electronics and TOP
- **Electrical connection:** Plug-in connection on motor side
- **Protection class:** II
- **Product conforming to standard:** CE
- **Approvals:** VDE, UL, CSA, GOST
- **Speed:** Using the programming unit, 2 speeds between n_{min} and n_{max} can be programmed.

Nominal data		Curve	Nominal voltage	Frequency	Speed/rpm ⁽¹⁾	Max. input power ⁽¹⁾	Max. current draw ⁽¹⁾	Max. back pressure	Perm. amb. temp.	Mass
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	kg	
W1G250-BB21 -01	M1G 055-BI	Ⓐ 1~115	50/60	1700	32	0,47	40	-30..+50	1,55	
W1G250-BB17 -01	M1G 055-BI	Ⓑ 1~230	50/60	1700	32	0,24	40	-30..+50	1,55	

subject to alterations

⁽¹⁾ Nominal data in operating point with maximum load and 115 or 230 VAC

Curves



Air performance measured as per: ISO 5801, Installation category A, in ebm-papst full nozzle and with protection against accidental contact

Suction-side noise levels: L_{wA} as per ISO 13347, L_{pA} measured at 1 m distance to fan axis

The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

With any deviation to the standard setup, the specific values have to be checked and reviewed once installed or fitted!

For detailed information see page 62 ff.

	n rpm	P _e W	I A	L _{wA} dB(A)
Ⓐ 1	1700	30	0,44	62
Ⓐ 2	1700	31	0,45	63
Ⓐ 3	1700	32	0,47	64
Ⓐ 4	1700	32	0,47	65
Ⓐ 5	1200	14	0,22	53
Ⓐ 6	1200	15	0,24	54
Ⓐ 7	1200	16	0,25	55
Ⓐ 8	1200	17	0,26	57
Ⓑ 1	1700	30	0,24	62
Ⓑ 2	1700	31	0,24	63
Ⓑ 3	1700	32	0,24	64
Ⓑ 4	1700	32	0,24	65
Ⓑ 5	1200	14	0,12	53
Ⓑ 6	1200	15	0,13	54
Ⓑ 7	1200	16	0,14	55
Ⓑ 8	1200	17	0,14	57

- Electr. connection:

