

Energy-saving axial fans

Ø 200



- **Material:** Wall ring: (A) Plastic PP
(B) epylen
Blade: Plastic PA,
fibreglass-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.

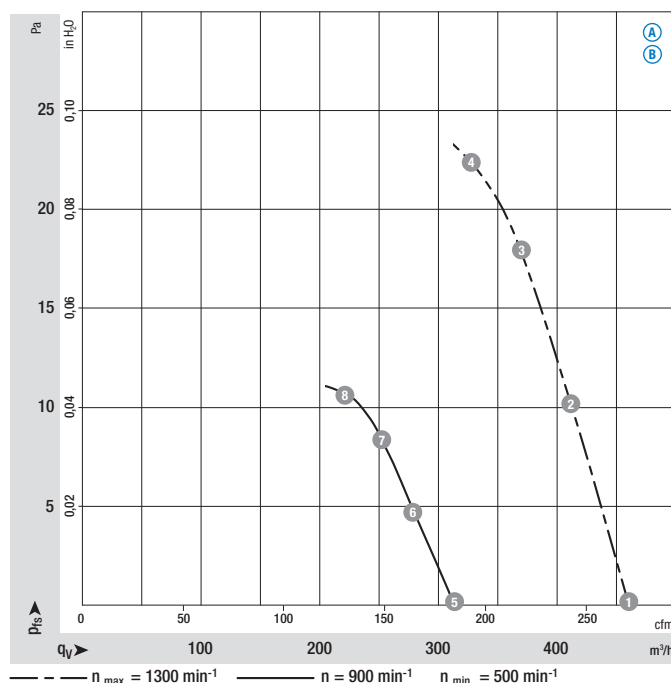
Nominal data

Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Speed/rpm ⁽¹⁾ rpm	Airflow cfm	Max. input power ⁽¹⁾ W	Max. current draw ⁽¹⁾ A	Max. back pressure Pa	Perm. amb. temp. °C	Mass kg
W1G200-EC91 -27	M1G 055-BD	(A)	1~115	50/60	1300	270/185	8,0	0,11	23	-30..+50	1,0
W1G200-EC87 -25	M1G 055-BD	(B)	1~230	50/60	1300	270/185	8,0	0,07	23	-30..+50	1,0

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 without protection against accidental contact

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

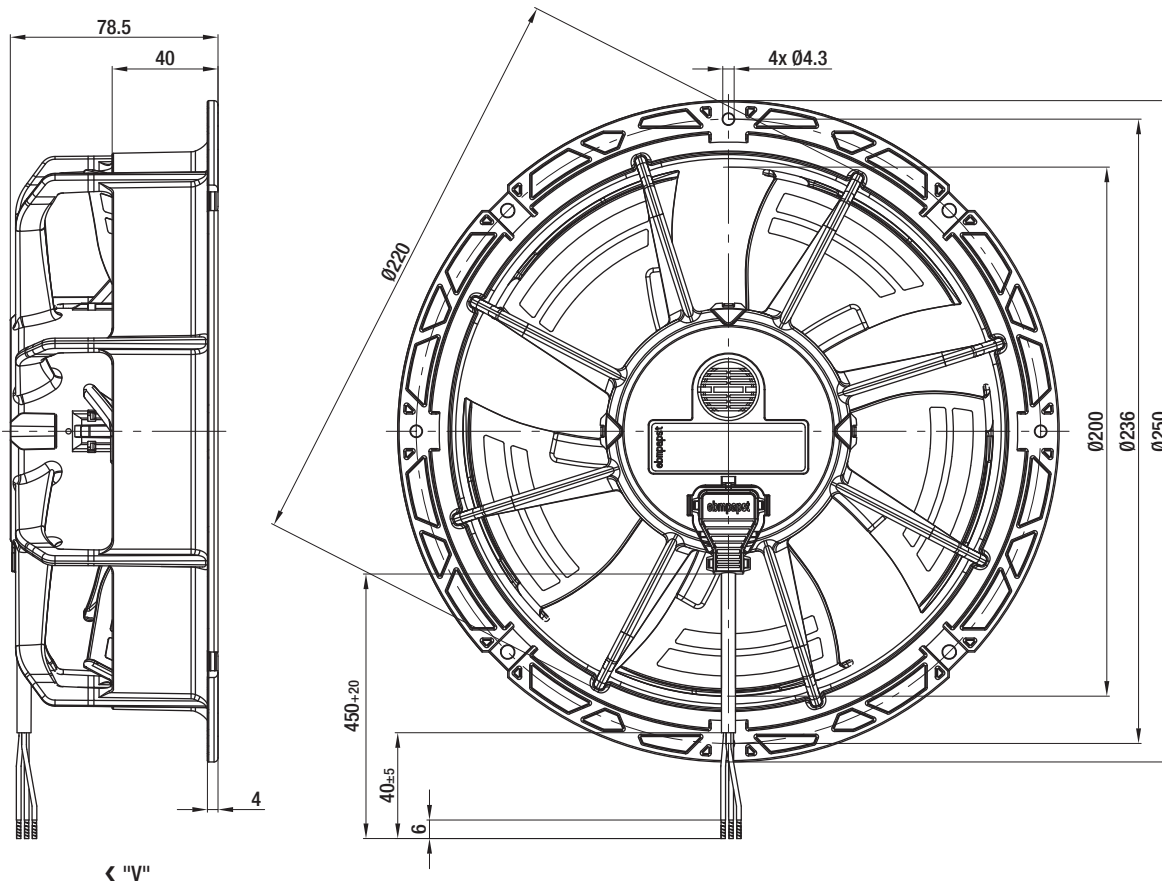
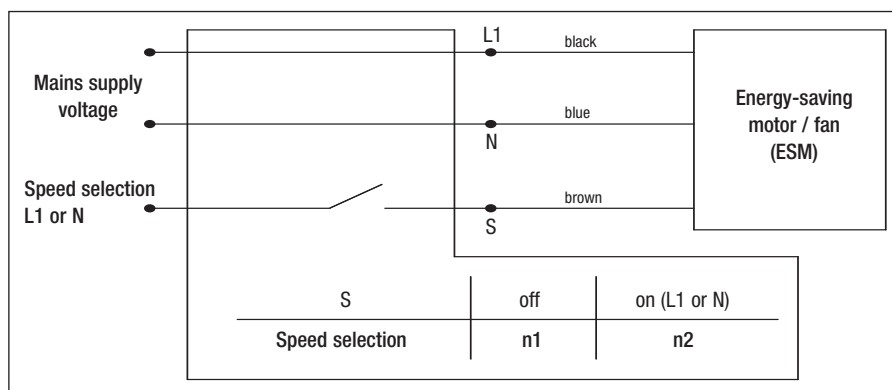
The acoustic values given are only valid under the measurement conditions listed and may vary depending on the installation situation.

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)
(A) 1	1300	7	0,09	50
(A) 2	1300	8	0,10	49
(A) 3	1300	8	0,10	48
(A) 4	1300	8	0,11	51
(A) 5	900	3	0,05	41
(A) 6	900	4	0,05	41
(A) 7	900	4	0,05	40
(A) 8	900	4	0,05	41
(B) 1	1300	7	0,06	50
(B) 2	1300	8	0,07	49
(B) 3	1300	8	0,07	48
(B) 4	1300	8	0,07	51
(B) 5	900	3	0,03	41
(B) 6	900	4	0,04	41
(B) 7	900	4	0,04	40
(B) 8	900	4	0,04	41

– Electr. connection:



Connection lead (total length 450 mm) is fitted ex works and can be detached
Other lengths available as accessory.

Mouser Electronics

Authorized Distributor

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[ebm-papst:](#)

[W1G200-EC91-27](#) [W1G200-EC87-25](#) [W1G200-EA95-68](#) [W1G200-EB91-45](#)