

Energy-saving axial fans

Ø 200



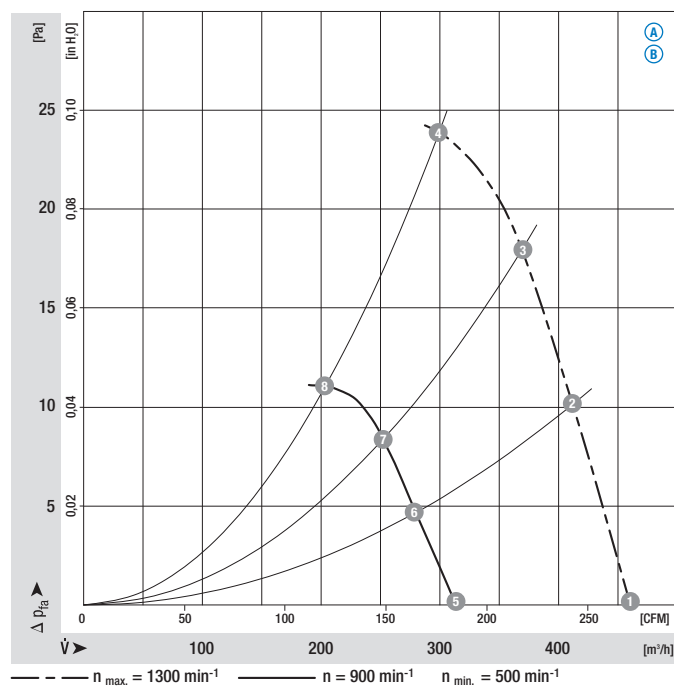
- **Material:** Wall ring: Plastic PP
Blade: Plastic PA
- **Number of blades:** 5
- **Direction of air flow:** "V", exhaust over struts
- **Direction of rotation:** Counter-clockwise seen on rotor
- **Type of protection:** IP 54
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate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

Nominal data		Curve	Nominal voltage	Frequency	Speed ⁽¹⁾	Max. Power input ⁽¹⁾	Max. Current draw ⁽¹⁾	Max. operative range	Perm. amb. temp.	Mass
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	kg	
W1G200-EC91 -27	M1G 055-BD	A	115	50/60	1300	8,0	0,11	24	-30..+50	1,0
W1G200-EC87 -25	M1G 055-BD	B	230	50/60	1300	8,5	0,07	24	-30..+50	1,0

subject to alterations

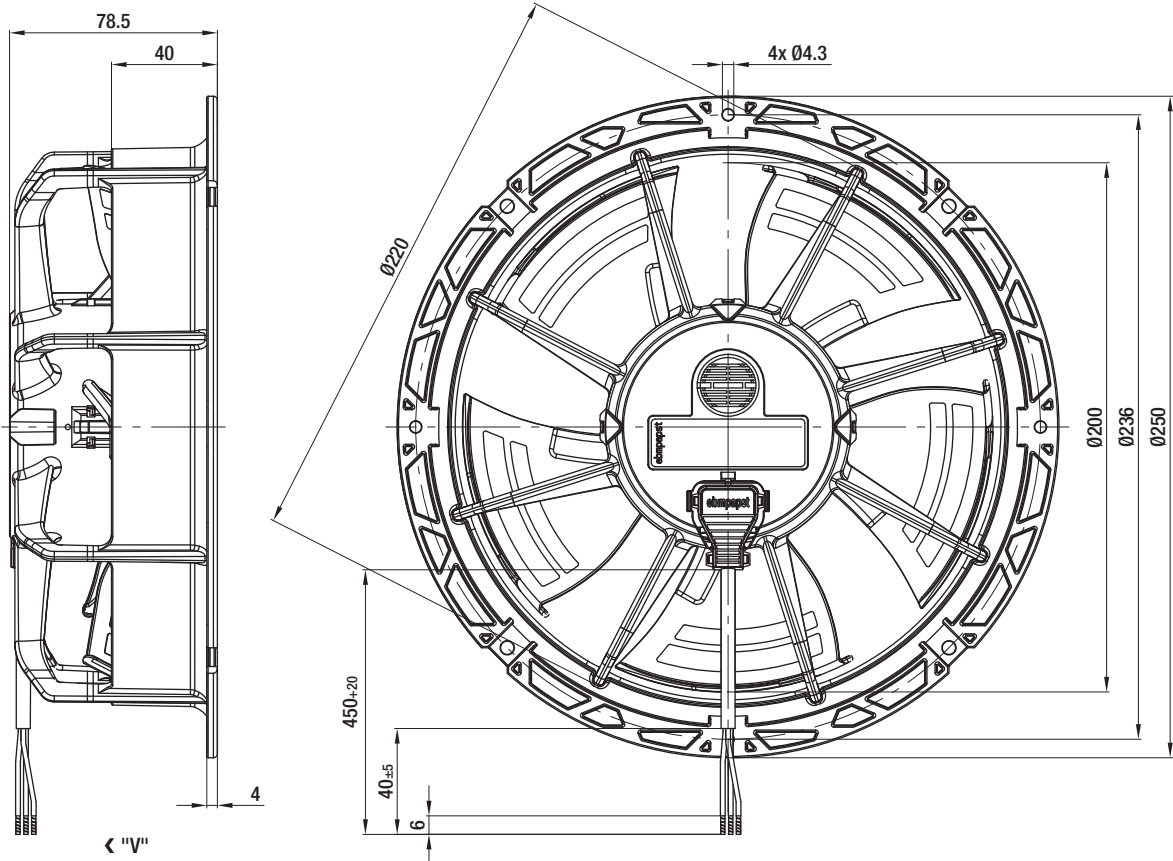
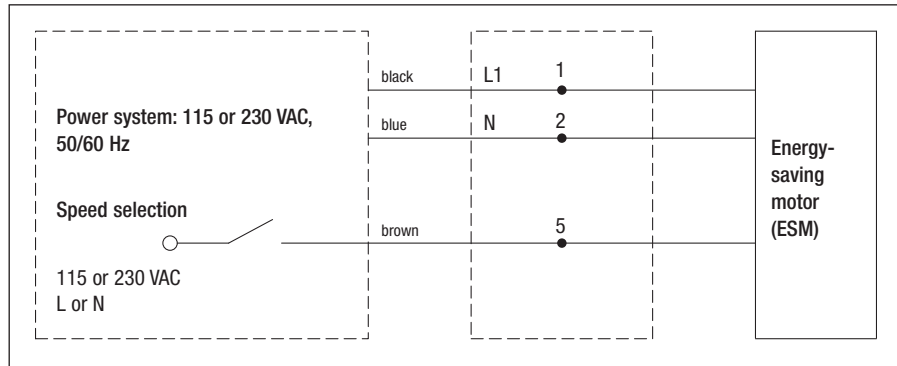
⁽¹⁾ Nominal data in operating point with maximum load and 115 or 230 VAC

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	1300	7	0,09	42
A 2	1300	8	0,10	41
A 3	1300	8	0,10	41
A 4	1300	8	0,11	42
A 5	900	3	0,05	33
A 6	900	4	0,05	32
A 7	900	4	0,05	32
A 8	900	4	0,05	33
B 1	1300	7	0,06	42
B 2	1300	8	0,07	41
B 3	1300	8,5	0,07	41
B 4	1300	8,5	0,07	42
B 5	900	3	0,03	33
B 6	900	4	0,04	32
B 7	900	4	0,04	32
B 8	900	4	0,04	33

– Electr.
connection:



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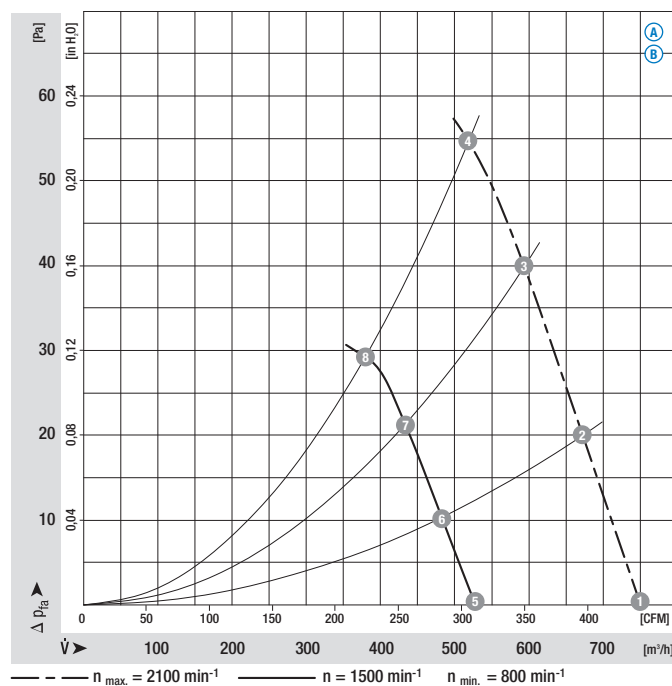
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Nominal data		Curve	Nominal voltage	Frequency	Speed ⁽¹⁾	Max. Power input ⁽¹⁾	Max. Current draw ⁽¹⁾	Max. operative range	Perm. amb. temp.	Mass
Type	Motor	VAC	Hz	rpm	W	A	Pa	°C	kg	
W1G200-EC95 -47	M1G 055-BD	A	115	50/60	2100	31	0,48	55	-30..+50	1,0
W1G200-EC91 -45	M1G 055-BD	B	230	50/60	2100	31	0,24	55	-30..+50	1,0

subject to alterations

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

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	2100	29	0,44	55
A 2	2100	30	0,46	54
A 3	2100	31	0,48	53
A 4	2100	31	0,48	55
A 5	1500	14	0,22	46
A 6	1500	16	0,24	45
A 7	1500	16	0,26	45
A 8	1500	16	0,26	46
B 1	2100	29	0,22	55
B 2	2100	30	0,23	54
B 3	2100	31	0,24	53
B 4	2100	31	0,24	55
B 5	1500	14	0,11	46
B 6	1500	16	0,12	45
B 7	1500	16	0,13	45
B 8	1500	16	0,13	46

– Electr. connection:

