Max. 1880 m³/h

AC axial fans

☐ 225 x 80 mm

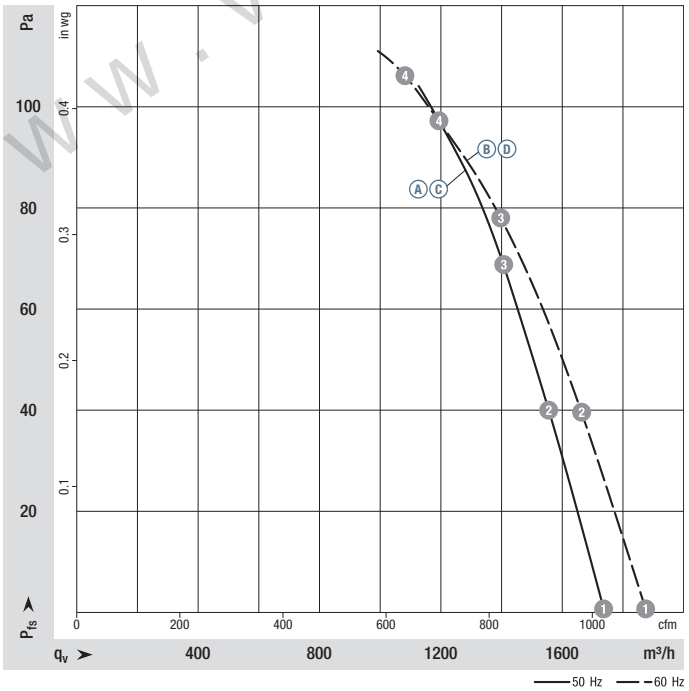
- **Material:** Housing: Die-cast-aluminum; Impeller: PP plastic; Rotor: Painted black
- **Number of blades:** 7
- **Direction of air flow:** "V"
- **Direction of rotation:** Counterclockwise, looking towards rotor
- **Degree of protection:** IP 44, depending on installation and position
- **Insulation class:** "F"
- **Installation position:** Any
- **Condensation drainage holes:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Nominal speed	Max. power consumption (1)	Max. input current (1)	Capacitor	Sound power level	Max. back-pressure	Admissible amb. temp.	Weight	Connection diagram
Type	**Motor**		**VAC**	**Hz**	**m³/h**	**rpm⁻¹**	**W**	**A**	**F/VDB**	**dB(A)**	**Pa**	**°C**	**kg**	
W2E 250-HP08-01	M2E 068-CF	Ⓐ	1~115	50	1740	2375	125	1.10	12/320	70	100	-25...+50	2.7	P. 263 / A3)
		Ⓑ	1~115	60	1880	2350	165	1.45	12/320	72	110	-25...+45	2.7	
W2E 250-HP06-01	M2E 068-CF	Ⓒ	1~230	50	1695	2320	125	0.55	3.0/400	70	100	-25...+60	2.7	P. 263 / A3)
		Ⓓ	1~230	60	1840	2300	160	0.71	3.0/400	71	110	-25...+50	2.7	

Subject to change

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

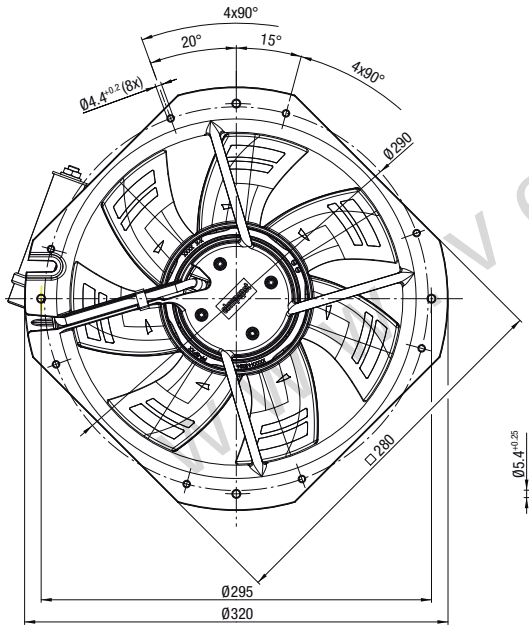
Curves:



		n rpm⁻¹	P_{ed} W	I A	L_WA dB(A)
Ⓐ	1	2580	108	0.96	70
Ⓐ	2	2510	115	1.02	69
Ⓐ	3	2455	121	1.06	68
Ⓐ	4	2375	125	1.10	68
Ⓑ	1	2785	149	1.30	72
Ⓑ	2	2655	154	1.35	70
Ⓑ	3	2490	162	1.41	70
Ⓑ	4	2350	165	1.45	70
Ⓒ	1	2550	101	0.44	70
Ⓒ	2	2480	109	0.47	69
Ⓒ	3	2410	115	0.50	68
Ⓒ	4	2320	125	0.55	68
Ⓓ	1	2750	134	0.59	71
Ⓓ	2	2600	145	0.63	70
Ⓓ	3	2420	152	0.66	69
Ⓓ	4	2300	160	0.71	70

Air performance measured according to: ISO 5801, Installation category A. For detailed information on the measurement setup, contact ebmpapst. 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

- **Motor protection:** Thermal overload protector (TOP) connected internally
- **Touch current:** < 0.75 mA acc. to IEC 60990 (test circuit, illustration 4)
- **Cable exit:** Variable
- **Electrical hookup:** Via terminal strips, capacitor connected
- **Protection class:** I (with customer connection to grounding conductor)
- **Conformity with standard(s):** EN 60335-1, CE
- **Approvals:** Ⓐ Ⓑ UL 2111, CSA C22.2 no. 77
  Ⓒ Ⓓ EAC, UL 2111, CSA C22.2 no. 77



W2E 250-HP08-01