AC axial fans 2-pole

S series, Ø 300

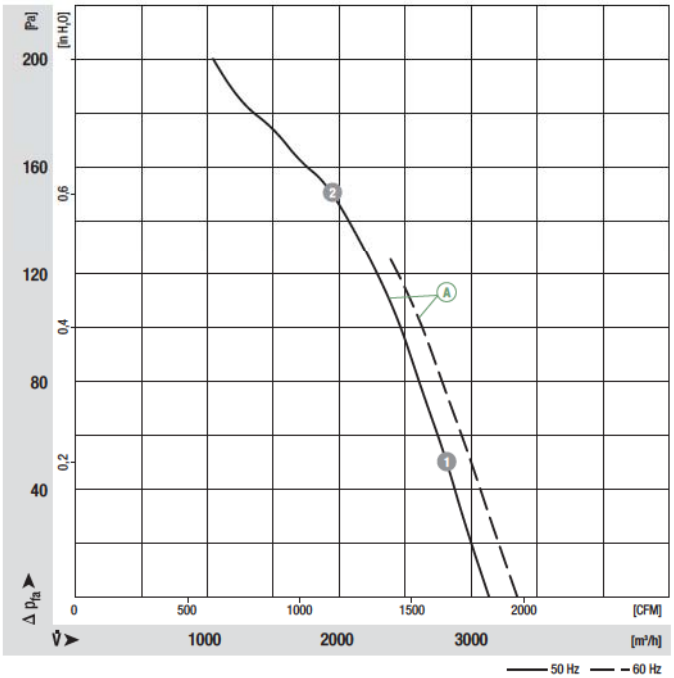
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**m³/h**	**rpm**	**W**	**A**	**µF/VDB**	**dB(A)**	**Pa**	**°C**	**kg**	p. 416 f.
***2D 300** (1)	M2D 074-DF	Ⓐ	3~ 230/400 3~ 230/400	50 60	3130 3350	2580 2750	210 300	0.62/0.36 0.83/0.48	— —	72 73	200 125	-25 to +55 -25 to +40	3.0	C1)/C2)
***2E 300**	M2E 074-DF	Ⓑ	1~ 230 1~ 230	50 60	3410 3740	2700 3000	230 350	1.10 1.55	8.0/400 8.0/400	73 76	200 50	-25 to +50 -25 to +40	3.0	A1)

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ ❶	2530	228	0.68/0.39
Ⓐ ❷	2400	273	0.78/0.45

ebmpapst

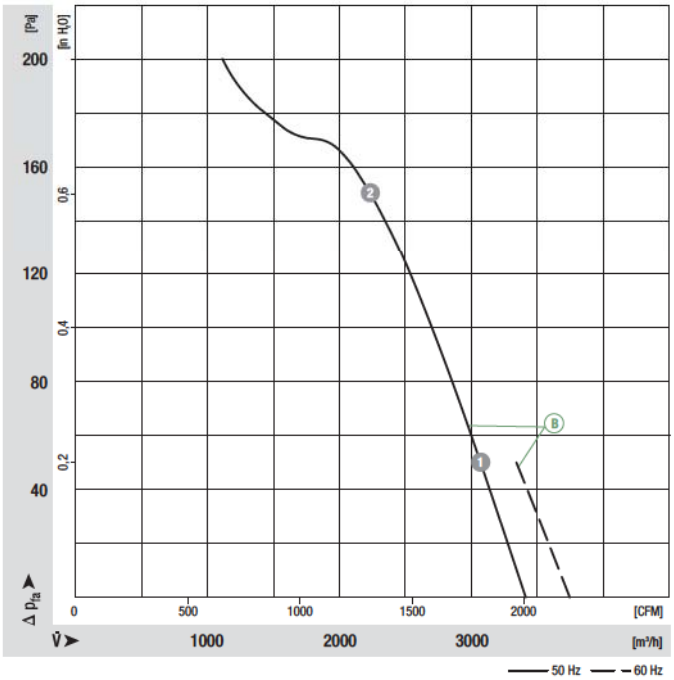
- **Motor protection:** Ⓐ Without TOP, Ⓑ TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, Ⓑ also CE
- **Approvals:** CCC

Direction of air flow




	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full round nozzle	❮ "V"/"A" ❯ With guard grille for full nozzle	❮ "V"/"A" ❯ With guard grille for short nozzle
"V"	A2D 300-AP02 -01	W2D 300-CP02 -30	S2D 300-BP02 -30	S2D 300-AP02 -30
"A"	A2D 300-AP02 -02	W2D 300-CP02 -31	S2D 300-BP02 -31	S2D 300-AP02 -31
"V"	A2E 300-AP02 -01	W2E 300-CP02 -30	S2E 300-BP02 -30	S2E 300-AP02 -30
"A"	A2E 300-AP02 -02	W2E 300-CP02 -31	S2E 300-BP02 -31	S2E 300-AP02 -31

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓑ ❶	2680	252	1.11
Ⓑ ❷	2560	290	1.27