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

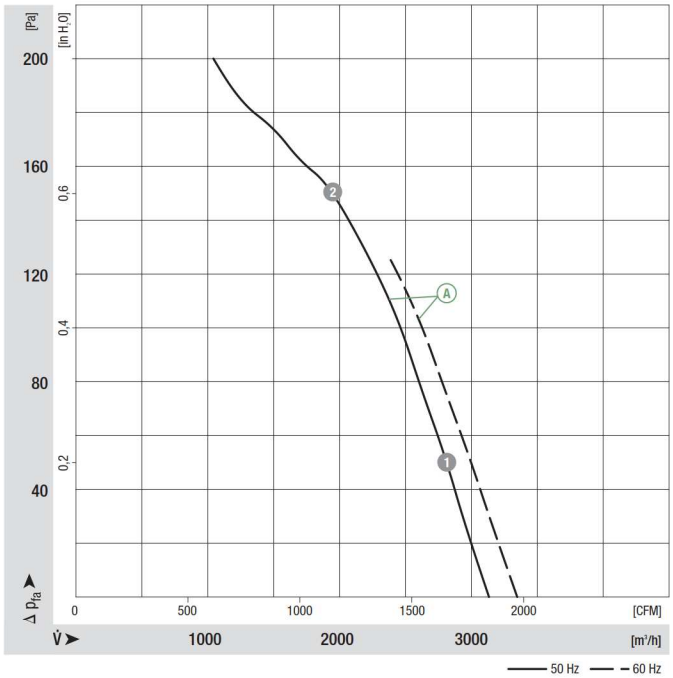
Nominal data

Type	Motor	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
			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	50	3130	2580	210	0.62/0.36	—	72	200	-25 to +55	3.0	C1)/C2)
			3~ 230/400	60	3350	2750	300	0.83/0.48	—	73	125	-25 to +40		
*2E 300	M2E 074-DF	Ⓑ	1~ 230	50	3410	2700	230	1.10	8.0/400	73	200	-25 to +50	3.0	A1)
			1~ 230	60	3740	3000	350	1.55	8.0/400	76	50	-25 to +40		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves

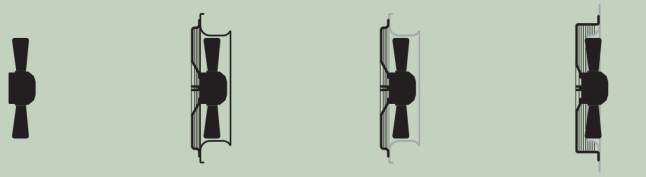


	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	2530	228	0.68/0.39
Ⓐ 2	2400	273	0.78/0.45

ebmpapst

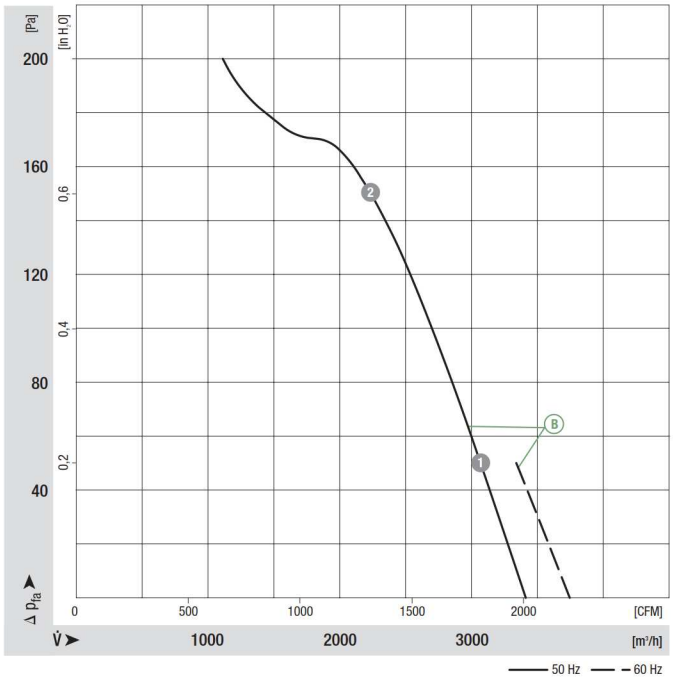
- **Motor protection:** Ⓐ Without TOP, Ⓑ TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, Ⓑ also CE
- **Approvals:** CCC

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



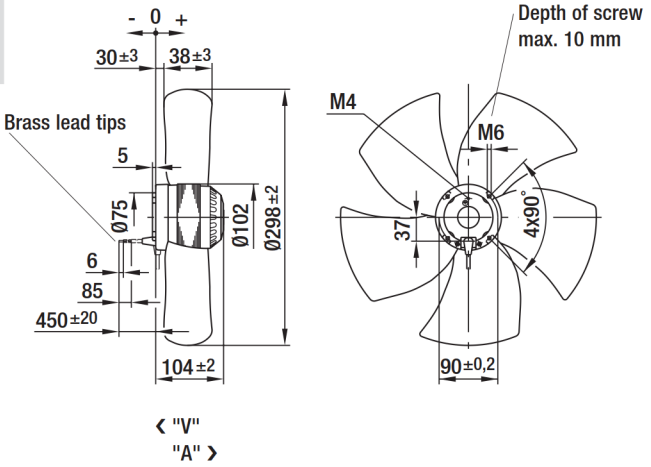
	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	2680	252	1.11
Ⓑ 2	2560	290	1.27

AC axial fans 2-pole

S series, Ø 300, drawings of directions of air flow "V" and "A"

Without attachments

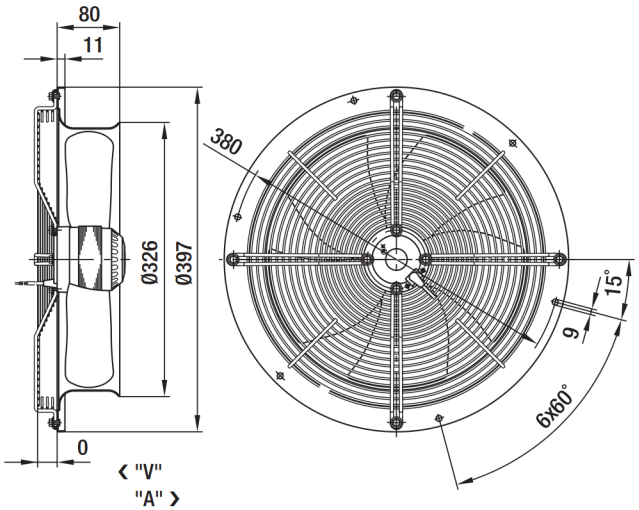
Type	
A2D 300-AP02 -01	"V"
A2D 300-AP02 -02	"A"
A2E 300-AP02 -01	"V"
A2E 300-AP02 -02	"A"



‹ "V"
"A" ›

With full round nozzle

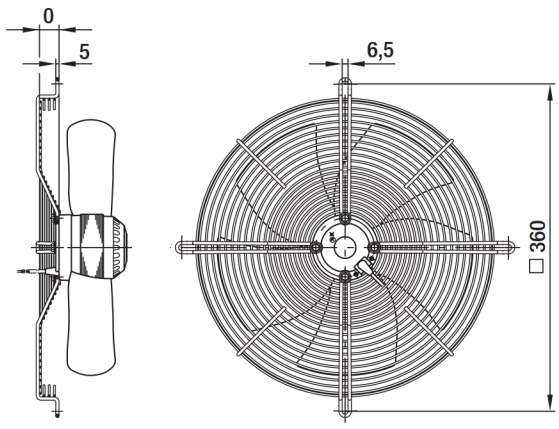
Type	
W2D 300-CP02 -30	"V"
W2D 300-CP02 -31	"A"
W2E 300-CP02 -30	"V"
W2E 300-CP02 -31	"A"



‹ "V"
"A" ›

With guard grille for full nozzle

Type	
S2D 300-BP02 -30	"V"
S2D 300-BP02 -31	"A"
S2E 300-BP02 -30	"V"
S2E 300-BP02 -31	"A"



‹ "V"
"A" ›

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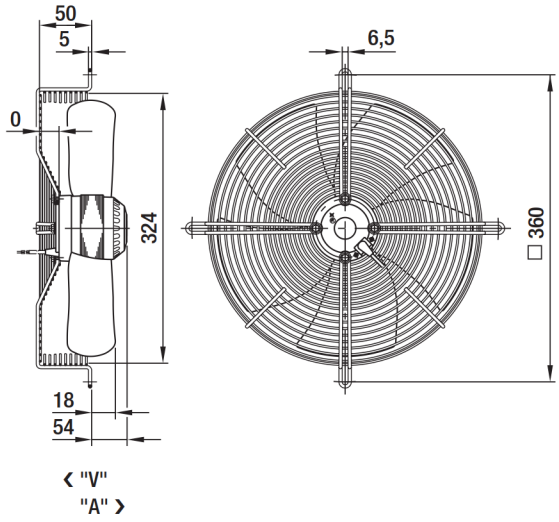
With guard grille for short nozzle



Type	
S2D 300-AP02 -30	"V"
S2D 300-AP02 -31	"A"
S2E 300-AP02 -30	"V"
S2E 300-AP02 -31	"A"