

AC axial fans 4-pole

S series, Ø 300

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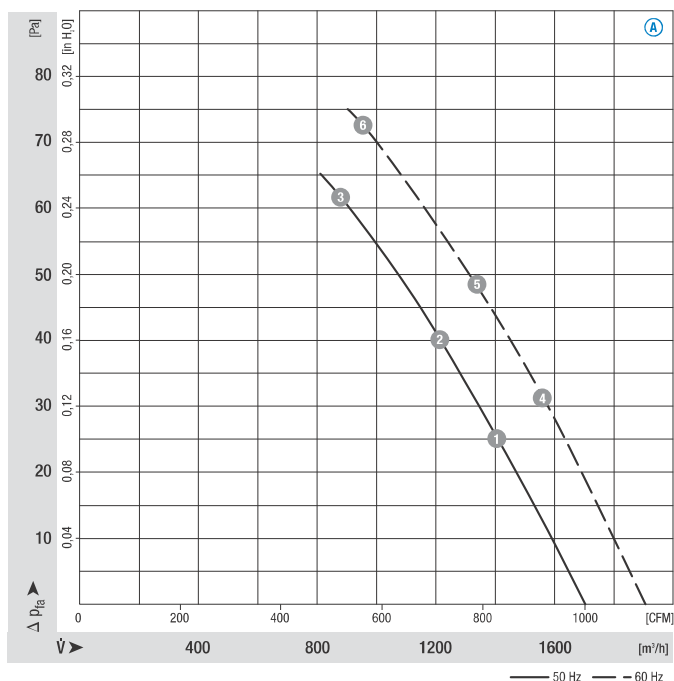


- **Material:** Guard grille: Steel, phosphated and coated in black plastic
Wall ring: Sheet steel, pre-galvanised and coated in black plastic
Blades: plastic PP, black
Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise, seen on rotor
- **Type of protection:** IP 44
- **Humidity protection class:** F1
- **EN 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)

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	Motor		VAC	Hz	m³/h	rpm	W	A	µF/VDB	Pa	°C	kg	p. 8
*4D 300 ⁽¹⁾	M4D 068-CF	A	3~ 230/400 3~ 230/400	50 60	1700 1900	1350 1500	55 70	0,23/0,13 0,23/0,13	— —	60 70	-25..+60 -25..+55	1,7	C1)/C2)
*4E 300	M4E 068-CF	B	1~ 230 1~ 230	50 60	1800 2070	1380 1590	62 80	0,28 0,36	2,0/400 2,0/400	60 70	-25..+60 -25..+60	1,7	A1)

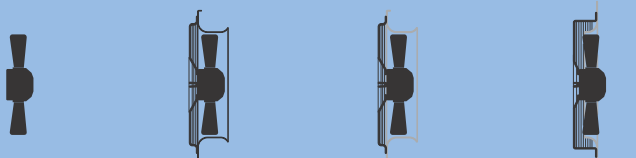
subject to alterations (1) 230 VAC Δ / 400 VAC Y

Curves

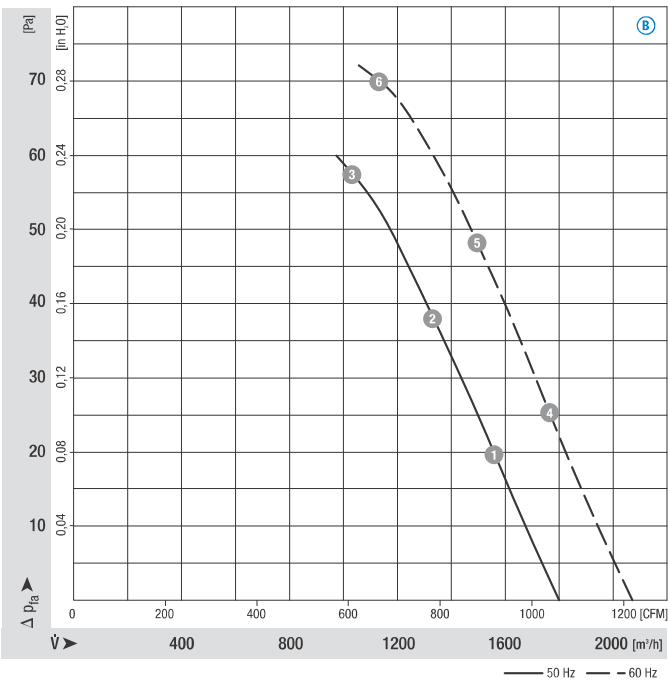


	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
A 1	1350	58	0,23/0,13	51
A 2	1335	61	0,23/0,13	51
A 3	1305	67	0,24/0,14	56
A 4	1490	76	0,23/0,13	54
A 5	1470	79	0,24/0,14	53
A 6	1410	88	0,26/0,15	59

- **Bearings:** Maintenance-free ball bearings
- **Motor protection:** (A) Without TOP, (B) TOP wired internally
- **Cable exit:** (A) Axial, (B) variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, (B) also CE
- **Approvals:** CCC; (B) also GOST

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"	A4D 300-AS34 -01	W4D 300-CS34 -30	S4D 300-BS34 -30	S4D 300-AS34 -30
"A"	A4D 300-AS34 -02	W4D 300-CS34 -31	S4D 300-BS34 -31	S4D 300-AS34 -31
"V"	A4E 300-AS72 -01	W4E 300-CS72 -30	S4E 300-BS72 -30	S4E 300-AS72 -30
"A"	A4E 300-AS72 -02	W4E 300-CS72 -31	S4E 300-BS72 -31	S4E 300-AS72 -31

Curves



	n [rpm]	P ₁ [W]	I [A]	Lp _A [dB(A)]
(B) 1	1370	63	0,28	53
(B) 2	1355	65	0,29	51
(B) 3	1335	69	0,31	53
(B) 4	1555	84	0,37	55
(B) 5	1525	87	0,38	54
(B) 6	1475	91	0,40	56

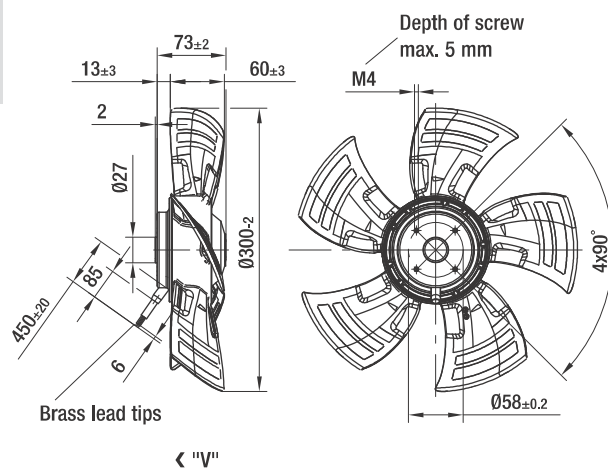
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S series, Ø 300, drawings for direction of air flow "V"

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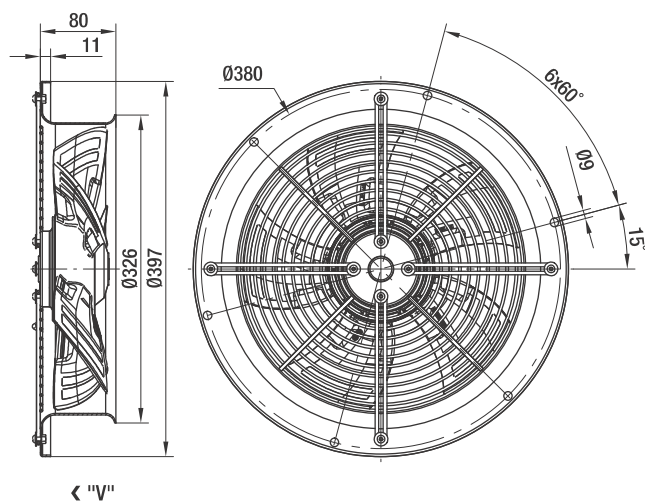
Without attachments



Type	Mass [kg]
A4D 300-AS34 -01	1,7
A4E 300-AS72 -01	1,7



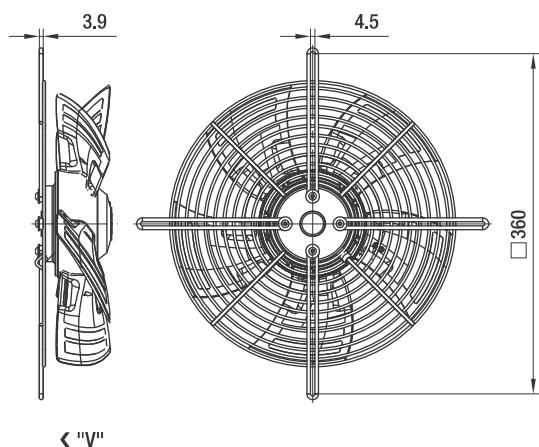
With full round nozzle



Type	Mass [kg]
W4D 300-CS34 -30	3,5
W4E 300-CS72 -30	3,5



With guard grille for full nozzle

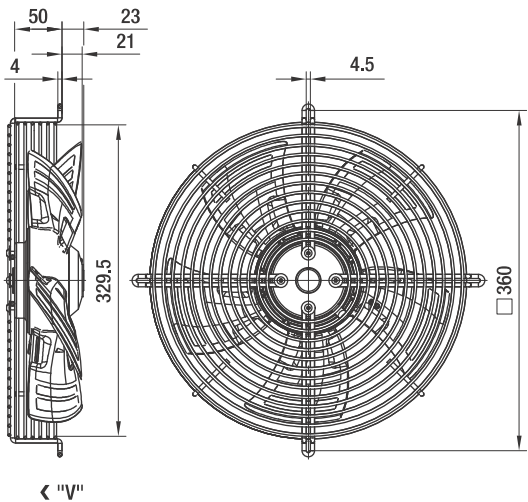


Type	Mass [kg]
S4D 300-BS34 -30	2,0
S4E 300-BS72 -30	2,0



With guard grille for short nozzle

Type	Mass [kg]
S4D 300-AS34 -30	2,5
S4E 300-AS72 -30	2,5



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S series, Ø 300, drawings for direction of air flow "A"

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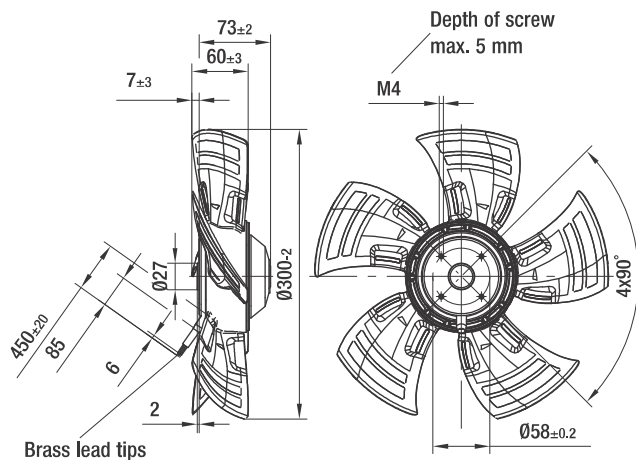
Without attachments

Type

Mass
[kg]

A4D 300-AS34 -02 1,7

A4E 300-AS72 -02 1,7



"A" >



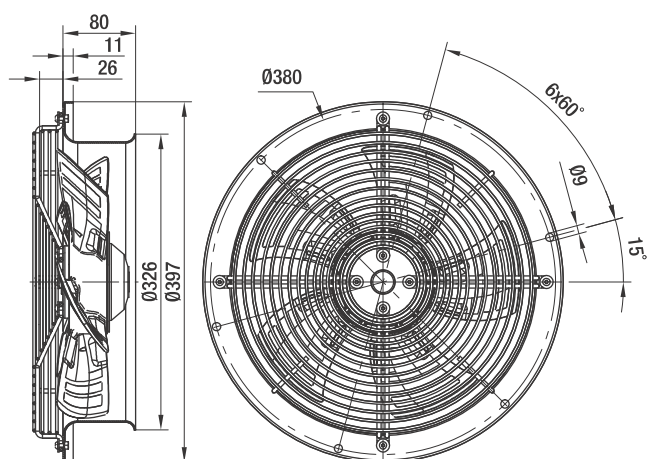
With full round nozzle

Type

Mass
[kg]

W4D 300-CS34 -31 3,7

W4E 300-CS72 -31 3,7



"A" >



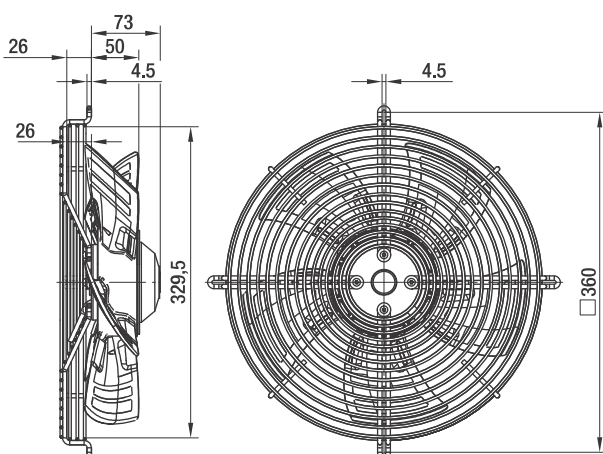
With guard grille for full nozzle

Type

Mass
[kg]

S4D 300-BS34 -31 2,5

S4E 300-BS72 -31 2,5

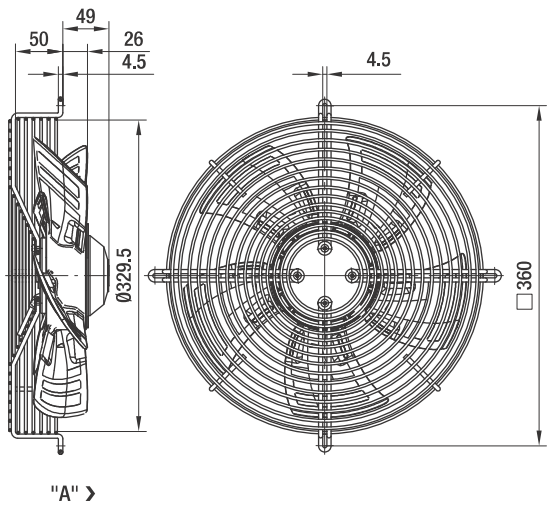


"A" >



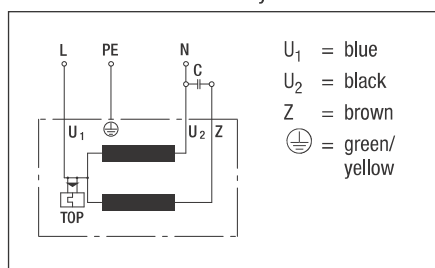
With guard grille for short nozzle

Type	Mass [kg]
S4D 300-AS34 -31	2,5
S4E 300-AS72 -31	2,5



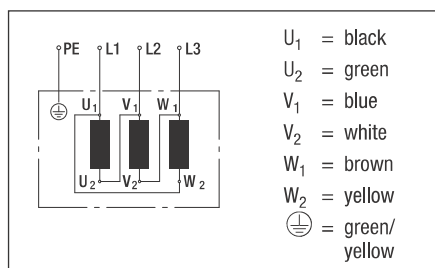
Fans (1~ 230 VAC power line)

A1) Single-phase capacitor motor with TOP wired internally



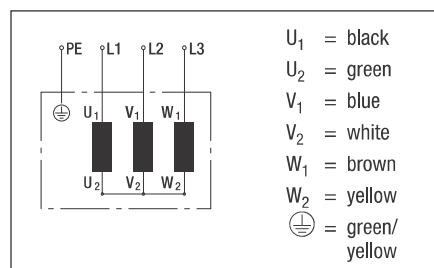
Fans, 1 speed (3~ 230 VAC power line)

C1) Delta connection (3~ 230 VAC power line) without TOP



Fans, 1 speed (3~ 400 VAC power line)

C2) Star connection (3~ 400 VAC power line) without TOP



Direction of rotation is reversed by swapping two line phases.