

AC axial fans

A series, Ø 250



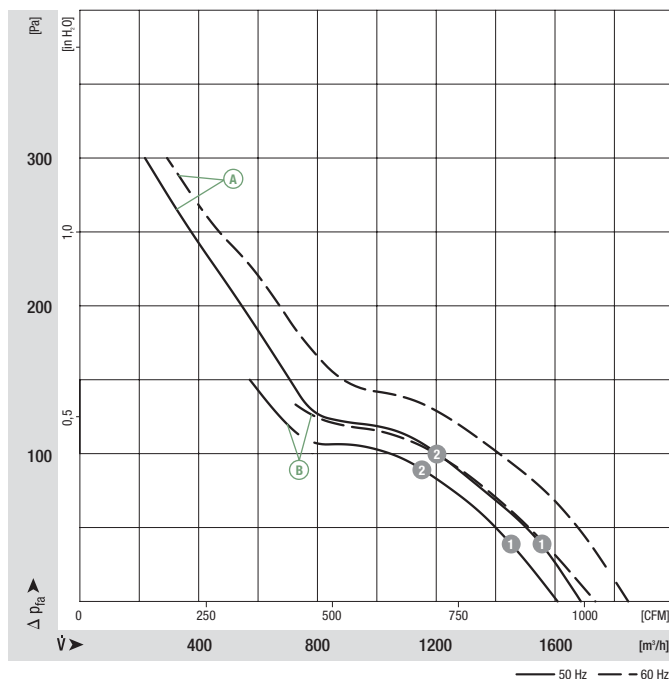
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
Wall ring: Sheet steel, pre-galvanised and coated in black plastic
Blades: Sheet steel, coated in black
Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" 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 250 ⁽¹⁾	M2D 068-DF	Ⓐ 3~ 230/400	50	1685	2650	110	0.38/0.22	—	72	300	-25 to +70	2.2	C1)/C2)	
		Ⓐ 3~ 230/400	60	1845	2950	160	0.45/0.26	—	75	300	-25 to +40			
*2E 250	M2E 068-DF	Ⓑ 1~ 230	50	1610	2550	115	0.51	4.0/400	72	150	-25 to +55	2.2	A1)	
		Ⓑ 1~ 230	60	1740	2750	165	0.74	4.0/400	73	130	-25 to +50			
*4D 250 ⁽¹⁾	M4D 068-CF	Ⓒ 3~ 230/400	50	890	1420	30	0.16/0.09	—	58	90	-25 to +75	1.6	C1)/C2)	
		Ⓒ 3~ 230/400	60	1035	1650	35	0.14/0.08	—	62	100	-25 to +75			
*4S 250	M4S 068-CF	Ⓓ 1~ 230	50	870	1400	72	0.53	—	58	80	-25 to +40	1.7	B)	
		Ⓓ 1~ 230	60	1000	1620	67	0.46	—	62	100	-25 to +50			

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves

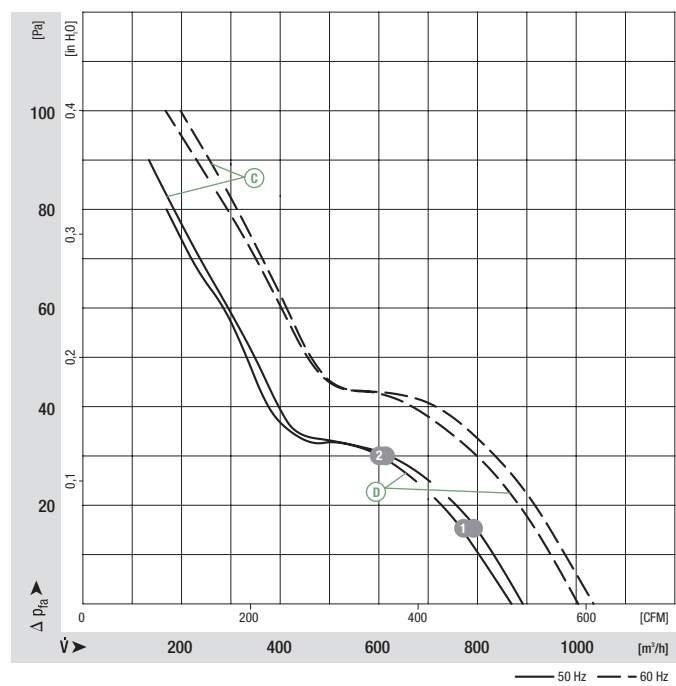


	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	2645	123	0.23
Ⓐ 2	2615	131	0.24
Ⓑ 1	2520	122	0.54
Ⓑ 2	2480	126	0.55

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

Direction of air flow			
	Without attachments	With full round nozzle	With guard grille for full nozzle
"V" "A"	A2D 250-AA02 -01 A2D 250-AA02 -02	W2D 250-CA02 -01 W2D 250-CA02 -02	S2D 250-BA02 -01 S2D 250-BA02 -02
"V" "A"	A2E 250-AE65 -01 A2E 250-AE65 -02	W2E 250-CE65 -01 W2E 250-CE65 -02	S2E 250-BE65 -01 S2E 250-BE65 -02
"V" "A"	A4D 250-AA04 -01 A4D 250-AA04 -02	W4D 250-CA04 -01 W4D 250-CA04 -02	S4D 250-BA04 -01 S4D 250-BA04 -02
"V" "A"	A4S 250-AA02 -01 A4S 250-AA02 -02	W4S 250-CA02 -01 W4S 250-CA02 -02	S4S 250-BA02 -01 S4S 250-BA02 -02

Curves



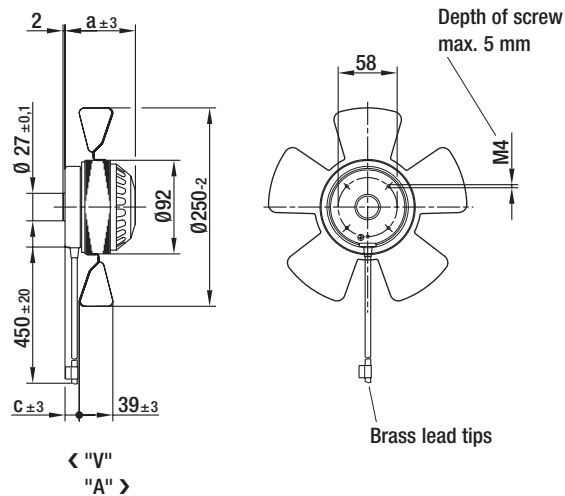
	n [rpm]	P ₁ [W]	I [A]
(C) 1	1420	32	0.09
(C) 2	1410	33	0.09
(D) 1	1400	70	0.52
(D) 2	1395	71	0.52

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A series, Ø 250, drawings of directions of air flow "V" and "A"



Without attachments

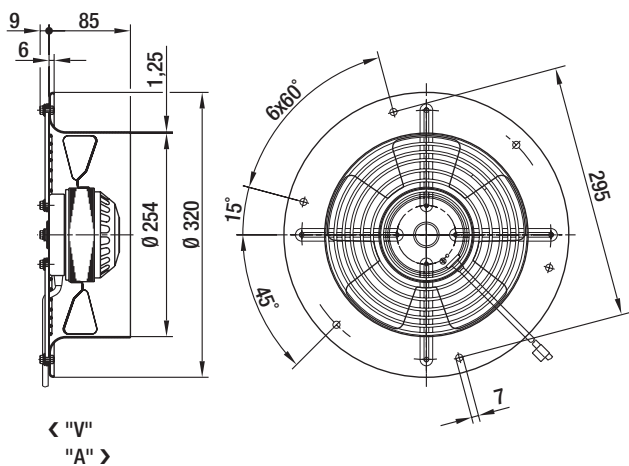


Type

Type		a	c
A2D 250-AA02 -01	"V"	83.0	27.0
A2D 250-AA02 -02	"A"	83.0	27.0
A2E 250-AE65 -01	"V"	83.0	27.0
A2E 250-AE65 -02	"A"	83.0	27.0
A4D 250-AA04 -01	"V"	73.0	19.0
A4D 250-AA04 -02	"A"	73.0	19.0
A4S 250-AA02 -01	"V"	73.0	19.0
A4S 250-AA02 -02	"A"	73.0	19.0



With full round nozzle

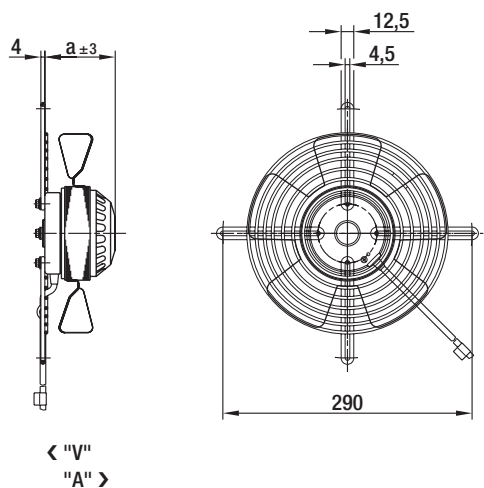


Type

W2D 250-CA02 -01	"V"
W2D 250-CA02 -02	"A"
W2E 250-CE65 -01	"V"
W2E 250-CE65 -02	"A"
W4D 250-CA04 -01	"V"
W4D 250-CA04 -02	"A"
W4S 250-CA02 -01	"V"
W4S 250-CA02 -02	"A"



With guard grille for full nozzle



Type

Type		a
S2D 250-BA02 -01	"V"	83.0
S2D 250-BA02 -02	"A"	83.0
S2E 250-BE65 -01	"V"	83.0
S2E 250-BE65 -02	"A"	83.0
S4D 250-BA04 -01	"V"	73.0
S4D 250-BA04 -02	"A"	73.0
S4S 250-BA02 -01	"V"	73.0
S4S 250-BA02 -02	"A"	73.0