

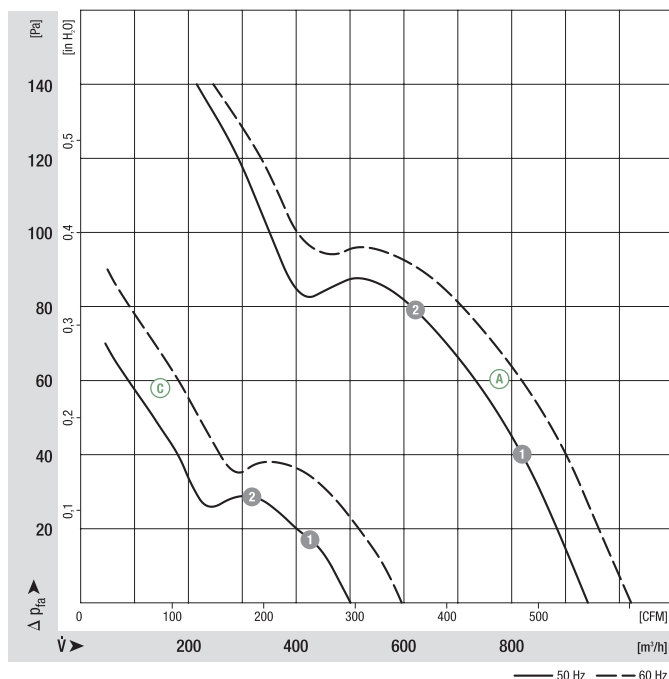
- **Material:** Guard grille: Steel, phosphated and coated in black plastic  
Wall ring: Sheet steel, pre-galvanised and coated in black plastic  
Blades: Sheet steel, coated in black  
Rotor: Coated in black
- **Number of blades:** 9
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type 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 200 <sup>(1)</sup>	M2D 068-BF	Ⓐ 3~ 230/400 3~ 230/400	50 60	890 990	2600 2900	68 70	0.29/0.17 0.23/0.13	— —	65 68	140 140	-25 to +45 -25 to +70	1.6	C1)/C2)	
*2E 200	M2E 068-BF	Ⓑ 1~ 230 1~ 230	50 60	890 990	2600 2900	64 78	0.30 0.34	1.5/400 1.5/400	65 68	150 150	-25 to +70 -25 to +70	1.4	A1)	
*4D 200 <sup>(1)</sup>	M4D 068-BF	Ⓒ 3~ 230/400 3~ 230/400	50 60	500 600	1440 1690	20 20	0.12/0.07 0.10/0.06	— —	43 47	70 90	-25 to +80 -25 to +90	1.4	C1)/C2)	
*4S 200	M4S 068-BF	Ⓓ 1~ 230 1~ 230	50 60	470 540	1370 1580	30 27	0.21 0.19	— —	42 46	50 50	-25 to +75 -25 to +80	1.2	B)	

subject to alterations

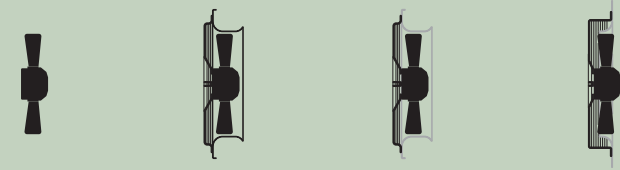
(1) 230 VAC Δ / 400 VAC Y

### Curves



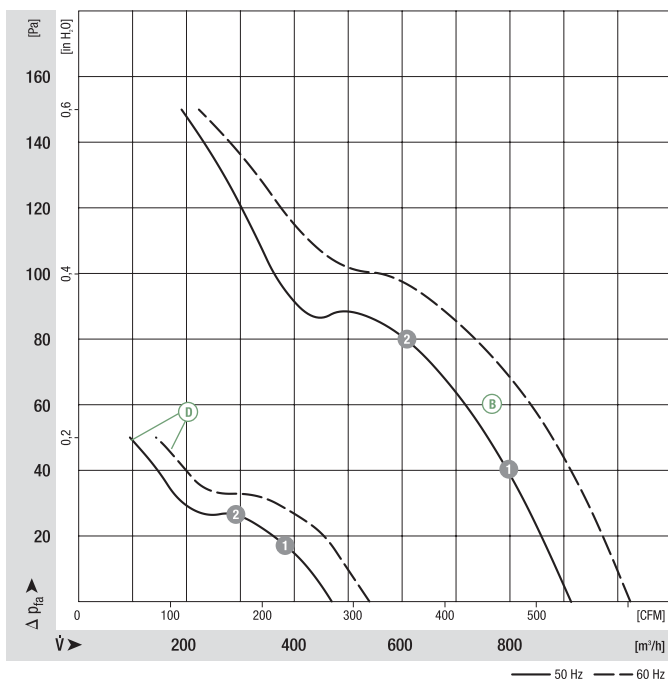
	n [rpm]	P <sub>1</sub> [W]	I [A]
Ⓐ 1	2540	70	0.29/0.17
Ⓐ 2	2470	74	0.29/0.17
Ⓒ 1	1430	21	0.12/0.07
Ⓒ 2	1420	23	0.12/0.07

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

Direction of air flow				
	Without attachments	With full round nozzle <sup>(1)</sup>	With guard grille for full nozzle	With guard grille for short nozzle
"V"	A2D 200-AH18 -01	W2D 200-CH18 -01	S2D 200-BH18 -01	S2D 200-AH18 -01
"A"	A2D 200-AI18 -01	W2D 200-CI18 -01	S2D 200-BI18 -01	S2D 200-AI18 -01
"V"	A2E 200-AH38 -01	W2E 200-CH38 -01	S2E 200-BH38 -01	S2E 200-AH38 -01
"A"	A2E 200-AI38 -01	W2E 200-CI38 -01	S2E 200-BI38 -01	S2E 200-AI38 -01
"V"	A4D 200-AH14 -01	W4D 200-CH14 -01	S4D 200-BH14 -01	S4D 200-AH14 -01
"A"	A4D 200-AI14 -01	W4D 200-CI14 -01	S4D 200-BI14 -01	S4D 200-AI14 -01
"V"	A4S 200-AH04 -01	W4S 200-CH04 -01	S4S 200-BH04 -01	S4S 200-AH04 -01
"A"	A4S 200-AI04 -01	W4S 200-CI04 -01	S4S 200-BI04 -01	S4S 200-AI04 -01

(1) Increased noise levels in "V" direction of air flow

Curves



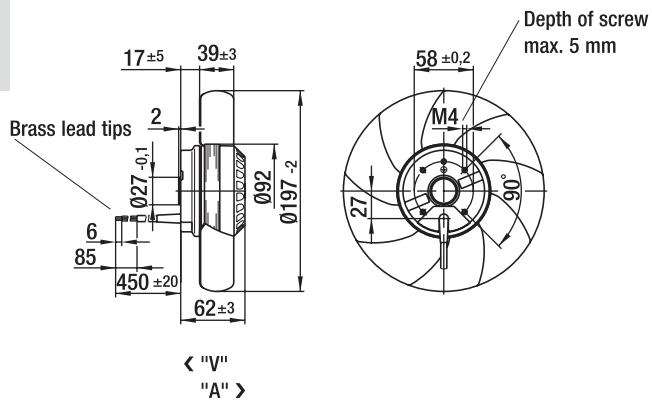
	n [rpm]	P <sub>1</sub> [W]	I [A]
(B) 1	2555	67	0.31
(B) 2	2465	70	0.32
(D) 1	1360	31	0.22
(D) 2	1350	31	0.22

# AC axial fans

S series, Ø 200, drawings of directions of air flow "V" and "A"



## Without attachments

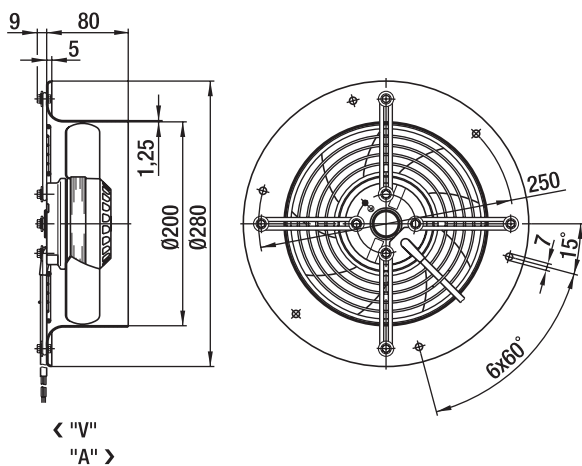


## Type

A2D 200-AH18 -01	"V"
A2D 200-AI18 -01	"A"
A2E 200-AH38 -01	"V"
A2E 200-AI38 -01	"A"
A4D 200-AH14 -01	"V"
A4D 200-AI14 -01	"A"
A4S 200-AH04 -01	"V"
A4S 200-AI04 -01	"A"



## With full round nozzle

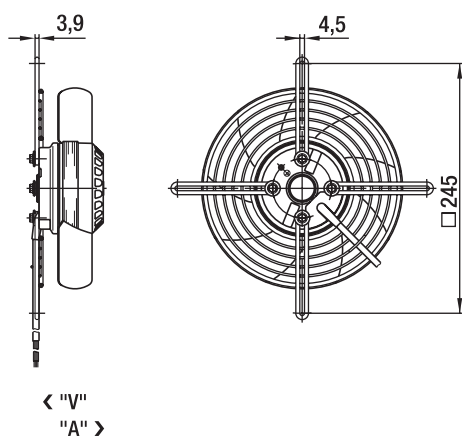


## Type

W2D 200-CH18 -01	"V"
W2D 200-CI18 -01	"A"
W2E 200-CH38 -01	"V"
W2E 200-CI38 -01	"A"
W4D 200-CH14 -01	"V"
W4D 200-CI14 -01	"A"
W4S 200-CH04 -01	"V"
W4S 200-CI04 -01	"A"



## With guard grille for full nozzle

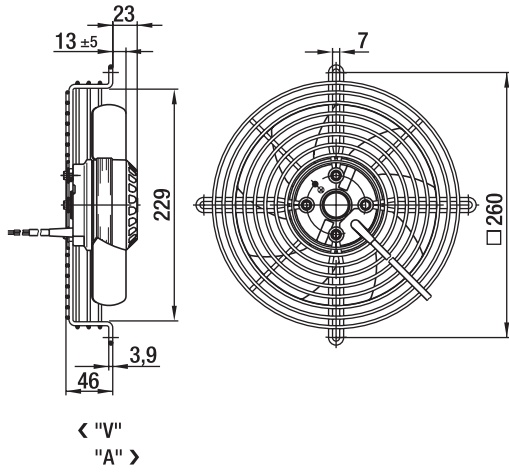


## Type

S2D 200-BH18 -01	"V"
S2D 200-BI18 -01	"A"
S2E 200-BH38 -01	"V"
S2E 200-BI38 -01	"A"
S4D 200-BH14 -01	"V"
S4D 200-BI14 -01	"A"
S4S 200-BH04 -01	"V"
S4S 200-BI04 -01	"A"



### With guard grille for short nozzle



### Type

S2D 200-AH18 -01	"V"
S2D 200-AI18 -01	"A"
S2E 200-AH38 -01	"V"
S2E 200-AI38 -01	"A"
S4D 200-AH14 -01	"V"
S4D 200-AI14 -01	"A"
S4S 200-AH04 -01	"V"
S4S 200-AI04 -01	"A"