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AC axial fans S series

	AC axial fans, S series	Ø 200 - Ø 450	24
	AC axial fans, S series	Ø 500 - Ø 910	74



AC axial fans

S series, Ø 200



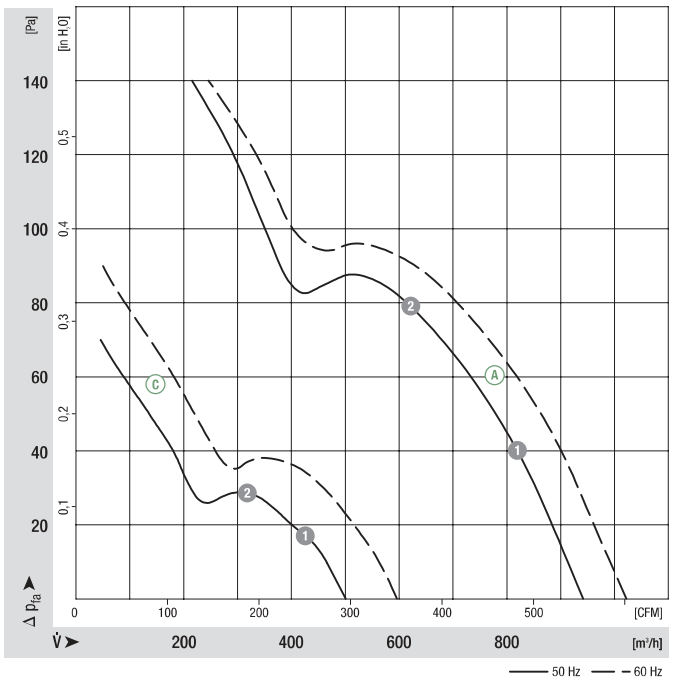
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 9
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type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

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



	n [rpm]	P_1 [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:** Ⓐ Ⓒ Without TOP, Ⓑ Ⓓ TOP wired internally
- **Cable exit:** Ⓐ Ⓒ Lateral, Ⓑ Ⓓ variable
- **Protection class: I**
- **Product conforming to standards:** EN 60335-1, Ⓑ Ⓓ also CE
- **Approvals:** Ⓑ CCC

Direction of air flow

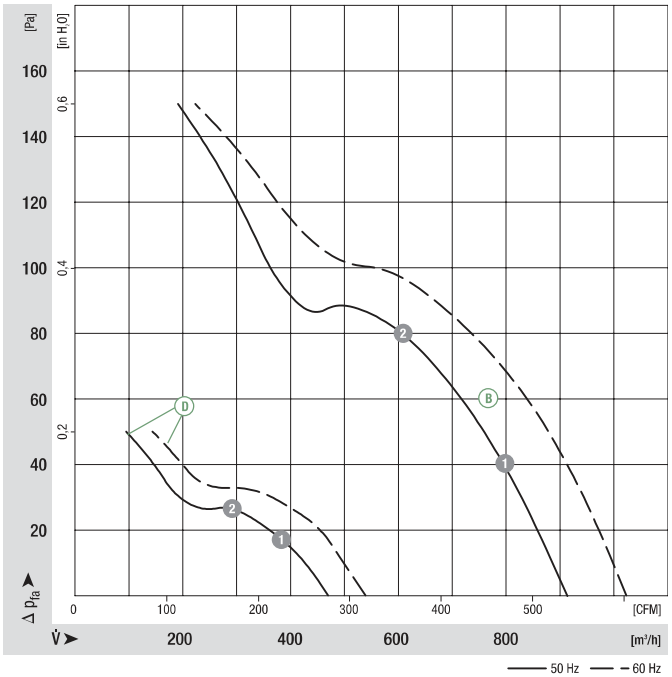





	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full round nozzle (1)	❮ "V"/"A" ❯ With guard grille for full nozzle	❮ "V"/"A" ❯ With guard grille for short nozzle
"V"	A2D 200-AH18 -01	W2D 200-CH18 -01	S2D 200-BH18 -01	S2D 200-AH18 -01
"A"	A2D 200-AI18 -01	W2D 200-CI18 -01	S2D 200-BI18 -01	S2D 200-AI18 -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

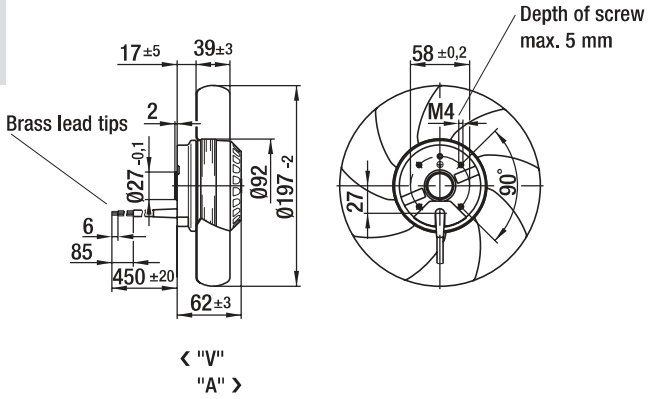


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	2555	67	0.31
Ⓑ 2	2465	70	0.32
Ⓓ 1	1360	31	0.22
Ⓓ 2	1350	31	0.22

AC axial fans

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

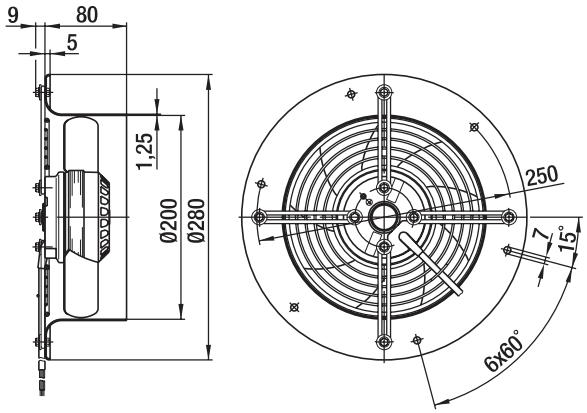
Without attachments



‹ "V"
"A" ›

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"

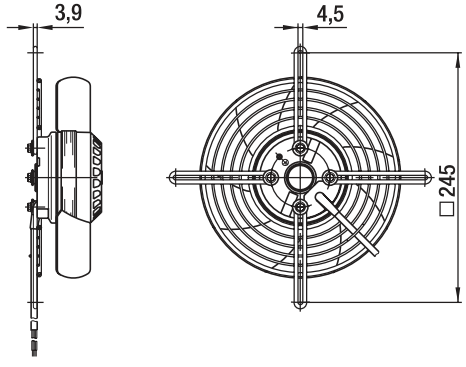
With full round nozzle



‹ "V"
"A" ›

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"

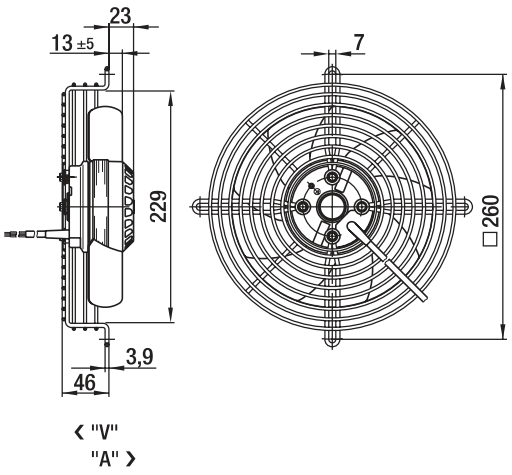
With guard grille for full nozzle



‹ "V"
"A" ›

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"

AC axial fans

S series, Ø 250



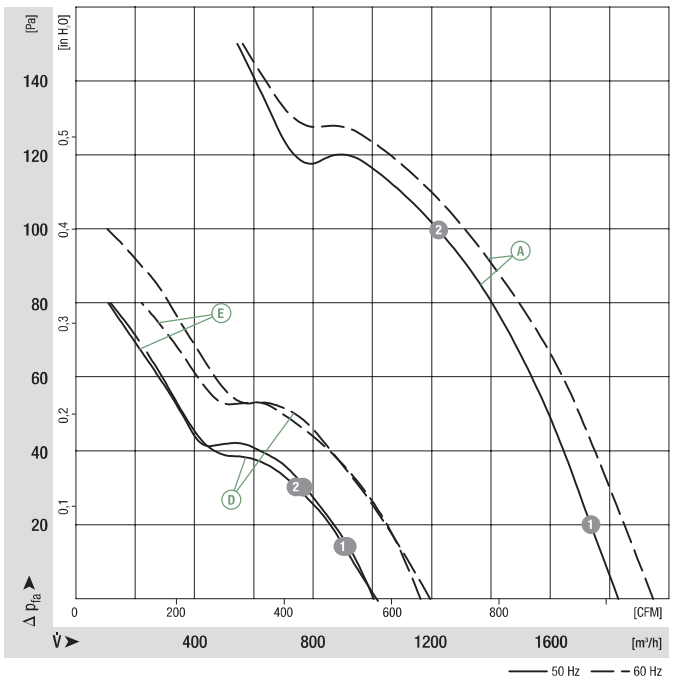
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 7
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type 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 250** (1)	M2D 068-CF	Ⓐ	3~ 230/400	50	1830	2500	100	0.34/0.20	—	69	150	-25 to +65	2.1	C1)/C2)
			3~ 230/400	60	1950	2650	140	0.40/0.23	—	70	150	-25 to +45		
***2E 250**	M2E 068-CF	Ⓑ	1~ 230	50	1820	2450	115	0.51	3.0/400	69	120	-25 to +65	1.9	A1)
			1~ 230	60	1970	2600	150	0.66	3.0/400	71	85	-25 to +50		
***4D 250** (1)	M4D 068-CF	Ⓒ	3~ 230/400	50	1010	1400	25	0.12/0.07	—	54	70	-25 to +85	1.9	C1)/C2)
			3~ 230/400	60	1140	1580	32	0.12/0.07	—	57	70	-25 to +80		
***4E 250**	M4E 068-BF	Ⓓ	1~ 230	50	1010	1400	42	0.19	1.5/400	54	80	-25 to +55	1.9	A1)
			1~ 230	60	1200	1630	45	0.20	1.5/400	58	100	-25 to +70		
***4S 250**	M4S 068-CF	Ⓔ	1~ 230	50	1000	1390	69	0.53	—	54	80	-25 to +50	1.7	B)
			1~ 230	60	1160	1600	63	0.45	—	58	80	-25 to +65		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	2455	106	0.34/0.20
Ⓐ 2	2310	125	0.38/0.22
Ⓓ 1	1370	43	0.20
Ⓓ 2	1360	45	0.20
Ⓔ 1	1370	71	0.53
Ⓔ 2	1360	73	0.53

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

Direction of air flow

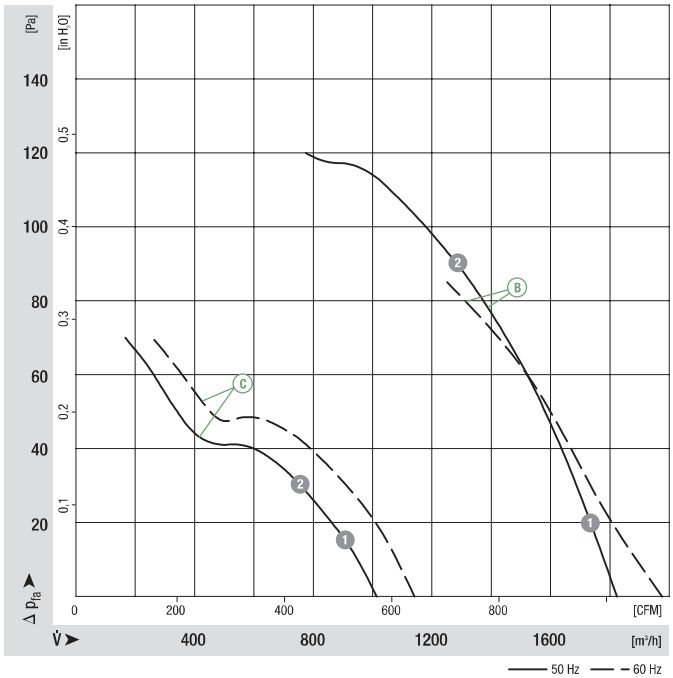





	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full round nozzle (1)	❮ "V"/"A" ❯ With guard grille for full nozzle	❮ "V"/"A" ❯ With guard grille for short nozzle
"V"	A2D 250-AH02 -01	W2D 250-CH02 -01	S2D 250-BH02 -01	S2D 250-AH02 -01
"A"	A2D 250-AI02 -01	W2D 250-CI02 -01	S2D 250-BI02 -01	S2D 250-AI02 -01
"V"	A2E 250-AL06 -01	W2E 250-CL06 -01	S2E 250-BL06 -01	S2E 250-AL06 -01
"A"	A2E 250-AM06 -01	W2E 250-CM06 -01	S2E 250-BM06 -01	S2E 250-AM06 -01
"V"	A4D 250-AH22 -01	W4D 250-CH22 -01	S4D 250-BH22 -01	S4D 250-AH22 -01
"A"	A4D 250-AI22 -01	W4D 250-CI22 -01	S4D 250-BI22 -01	S4D 250-AI22 -01
"V"	A4E 250-AH02 -01	W4E 250-CH02 -01	S4E 250-BH02 -01	S4E 250-AH02 -01
"A"	A4E 250-AI02 -01	W4E 250-CI02 -01	S4E 250-BI02 -01	S4E 250-AI02 -01
"V"	A4S 250-AH02 -01	W4S 250-CH02 -01	S4S 250-BH02 -01	S4S 250-AH02 -01
"A"	A4S 250-AI02 -01	W4S 250-CI02 -01	S4S 250-BI02 -01	S4S 250-AI02 -01

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

Curves

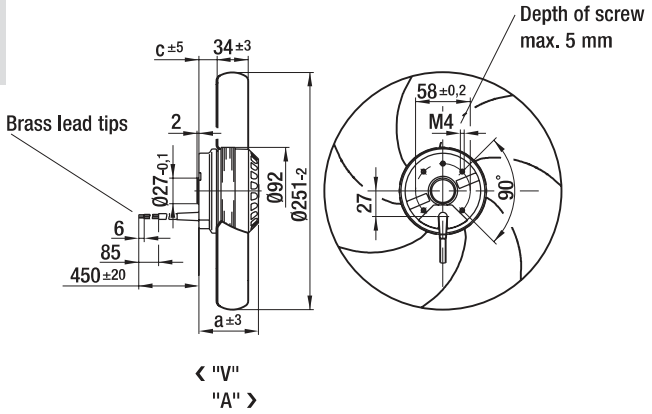


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	2455	116	0.51
Ⓑ 2	2290	132	0.57
Ⓒ 1	1375	27	0.12/0.07
Ⓒ 2	1350	30	0.12/0.07

AC axial fans

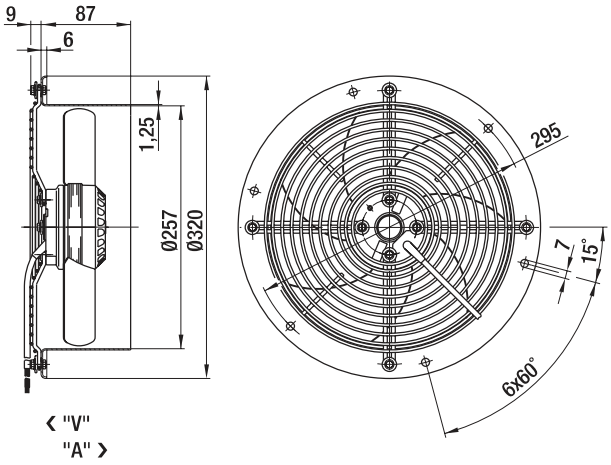
S series, Ø 250, drawings of directions of air flow "V" and "A"

Without attachments



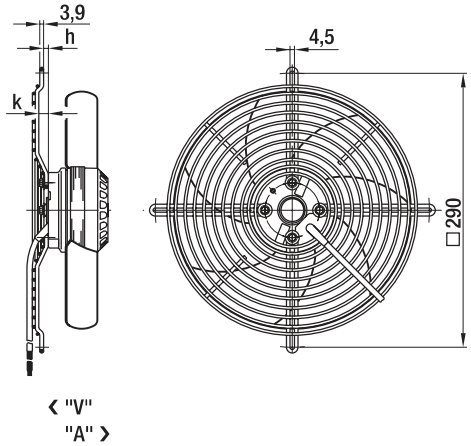
Type		a	c
A2D 250-AH02 -01	"V"	72.0	18.0
A2D 250-AI02 -01	"A"	72.0	21.0
A2E 250-AL06 -01	"V"	72.0	18.0
A2E 250-AM06 -01	"A"	72.0	27.0
A4D 250-AH22 -01	"V"	72.0	18.0
A4D 250-AI22 -01	"A"	72.0	27.0
A4E 250-AH02 -01	"V"	62.0	14.0
A4E 250-AI02 -01	"A"	62.0	22.0
A4S 250-AH02 -01	"V"	72.0	18.0
A4S 250-AI02 -01	"A"	72.0	23.0

With full round nozzle



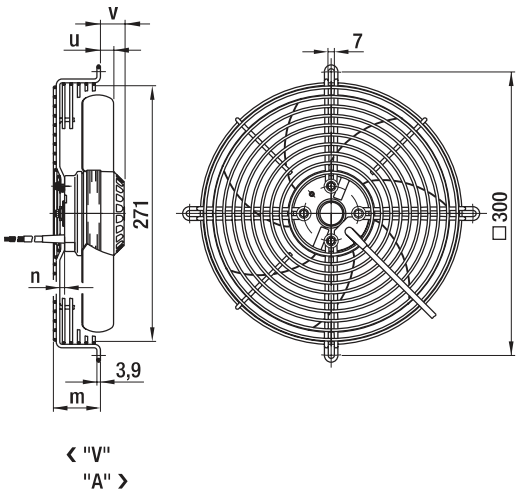
Type	
W2D 250-CH02 -01	"V"
W2D 250-CI02 -01	"A"
W2E 250-CL06 -01	"V"
W2E 250-CM06 -01	"A"
W4D 250-CH22 -01	"V"
W4D 250-CI22 -01	"A"
W4E 250-CH02 -01	"V"
W4E 250-CI02 -01	"A"
W4S 250-CH02 -01	"V"
W4S 250-CI02 -01	"A"

With guard grille for full nozzle



Type		h	k
S2D 250-BH02 -01	"V"	5.0	10.0
S2D 250-BI02 -01	"A"	0	0
S2E 250-BL06 -01	"V"	5.0	10.0
S2E 250-BM06 -01	"A"	0	0
S4D 250-BH22 -01	"V"	5.0	10.0
S4D 250-BI22 -01	"A"	0	0
S4E 250-BH02 -01	"V"	5.0	10.0
S4E 250-BI02 -01	"A"	0	0
S4S 250-BH02 -01	"V"	5.0	10.0
S4S 250-BI02 -01	"A"	0	0

With guard grille for short nozzle



‹ "V"
"A" ›

Type		m	n	u	v
S2D 250-AH02 -01	"V"	50.0	5.0	14.0	34.0
S2D 250-AI02 -01	"A"	45.0	0	17.0	34.0
S2E 250-AL06 -01	"V"	50.0	5.0	14.0	34.0
S2E 250-AM06 -01	"A"	45.0	0	23.0	34.0
S4D 250-AH22 -01	"V"	50.0	5.0	14.0	34.0
S4D 250-AI22 -01	"A"	45.0	0	23.0	34.0
S4E 250-AH02 -01	"V"	50.0	5.0	10.0	24.0
S4E 250-AI02 -01	"A"	45.0	0	18.0	24.0
S4S 250-AH02 -01	"V"	50.0	5.0	14.0	34.0
S4S 250-AI02 -01	"A"	45.0	0	19.0	34.0

AC axial fans 2-pole

S series, Ø 300



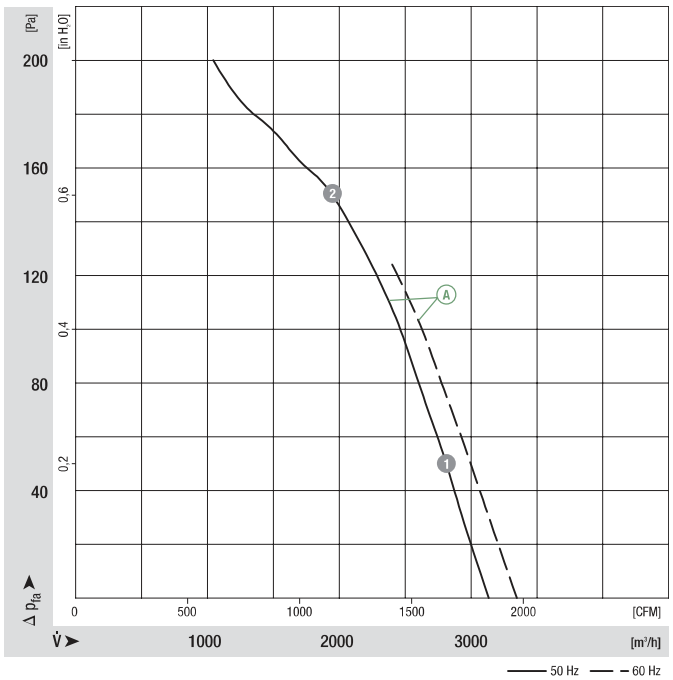
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, 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	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



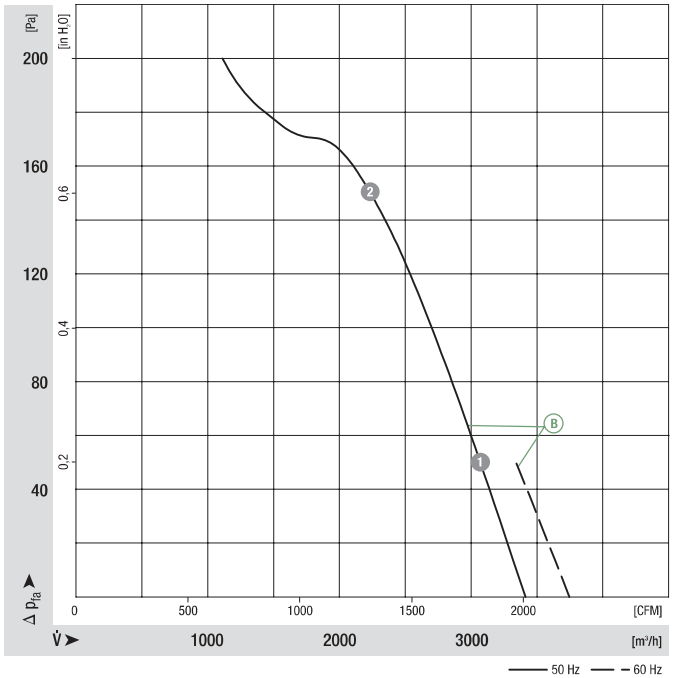
	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	2530	228	0.68/0.39
Ⓐ 2	2400	273	0.78/0.45

- **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

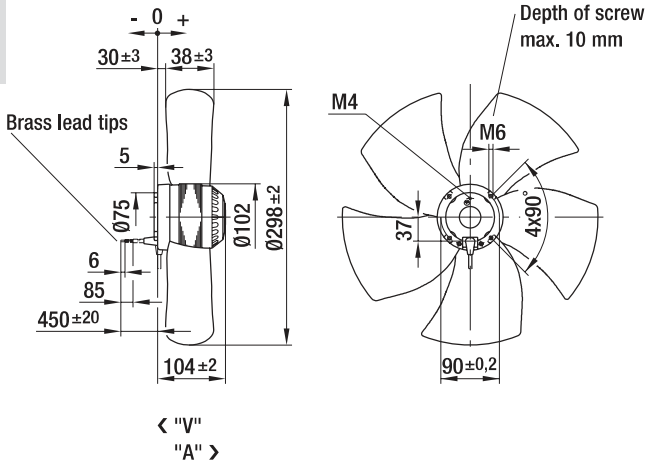


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	2680	252	1.11
Ⓑ 2	2560	290	1.27

AC axial fans 2-pole

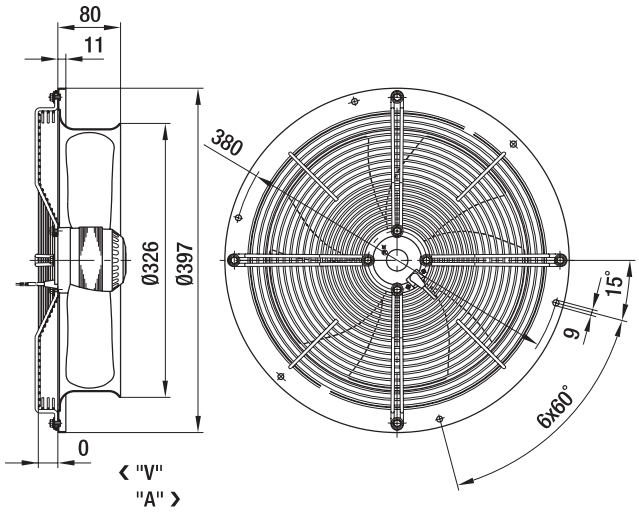
S series, Ø 300, drawings of directions of air flow "V" and "A"

Without attachments



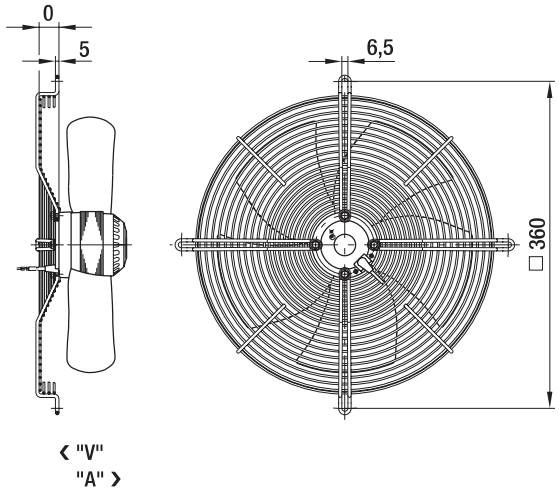
Type	
A2D 300-AP02 -01	"V"
A2D 300-AP02 -02	"A"
A2E 300-AP02 -01	"V"
A2E 300-AP02 -02	"A"

With full round nozzle



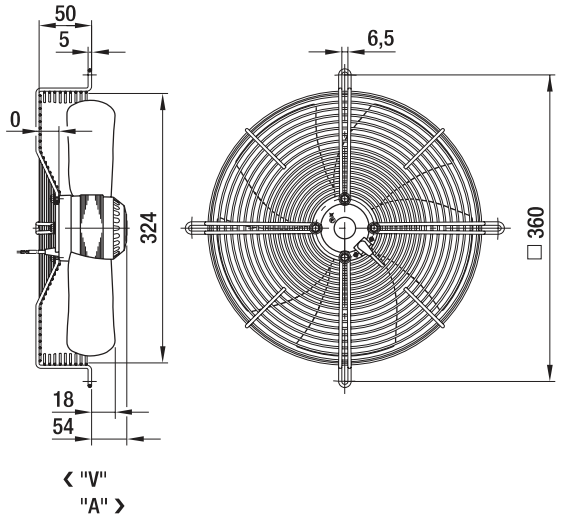
Type	
W2D 300-CP02 -30	"V"
W2D 300-CP02 -31	"A"
W2E 300-CP02 -30	"V"
W2E 300-CP02 -31	"A"

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"

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"

AC axial fans 4-pole

S series, Ø 300



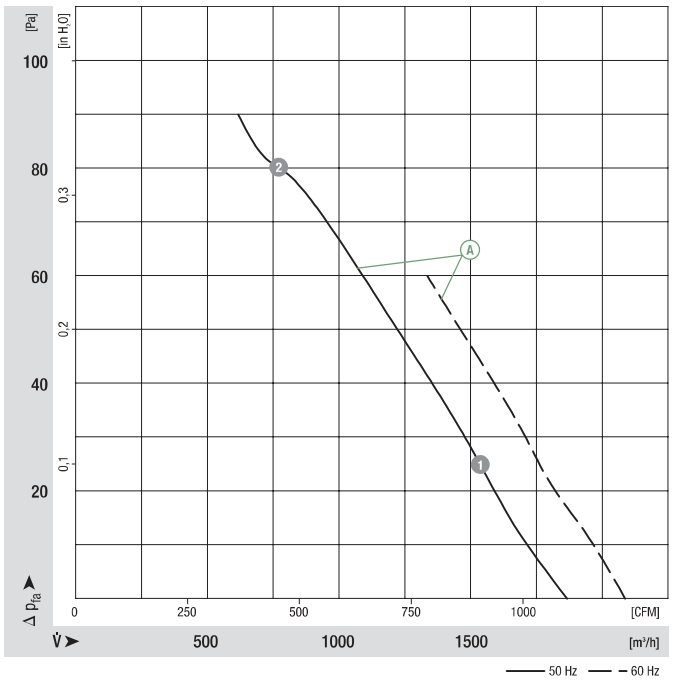
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, 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.
***4D 300** (1)	M4D 068-CF	Ⓐ	3~ 230/400	50	1860	1370	60	0.29/0.17	—	57	90	-25 to +45	1.9	C1)/C2)
			3~ 230/400	60	2080	1540	75	0.26/0.15	—	60	60	-25 to +40		
***4E 300**	M4E 068-CF	Ⓑ	1~ 230	50	1740	1400	68	0.30	2.0/400	59	80	-25 to +60	1.9	A1)
			1~ 230	60	2040	1630	92	0.41	2.0/400	63	70	-25 to +45		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	1350	66	0.29/0.17
Ⓐ 2	1260	88	0.33/0.19

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

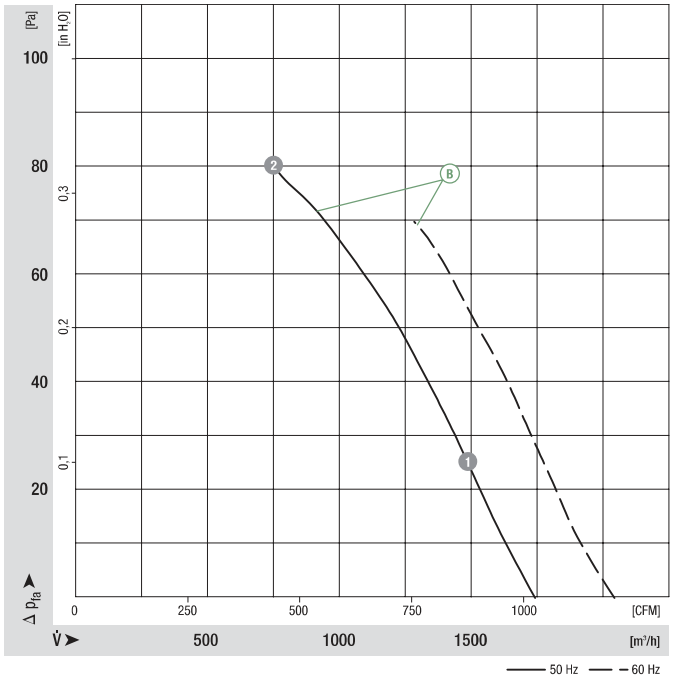
Direction of air flow






	❮ "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-AP28 -01	W4D 300-CP28 -30	S4D 300-BP28 -30	S4D 300-AP28 -30
"A"	A4D 300-AP28 -02	W4D 300-CP28 -31	S4D 300-BP28 -31	S4D 300-AP28 -31
"V"	A4E 300-AP26 -01	W4E 300-CP26 -30	S4E 300-BP26 -30	S4E 300-AP26 -30
"A"	A4E 300-AP26 -02	W4E 300-CP26 -31	S4E 300-BP26 -31	S4E 300-AP26 -31

Curves

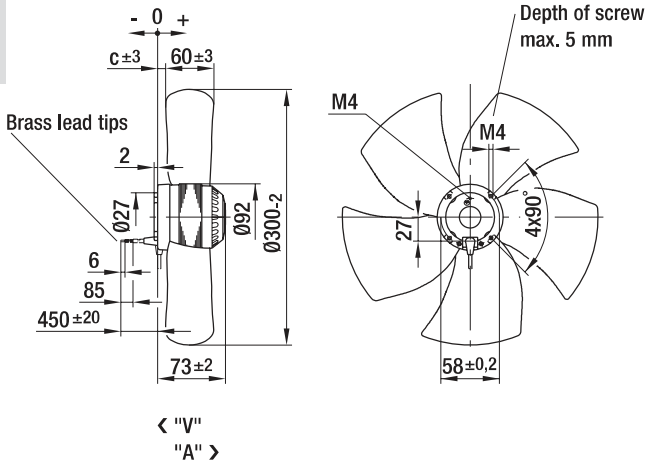


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	1390	72	0.32
Ⓑ 2	1290	88	0.39

AC axial fans 4-pole

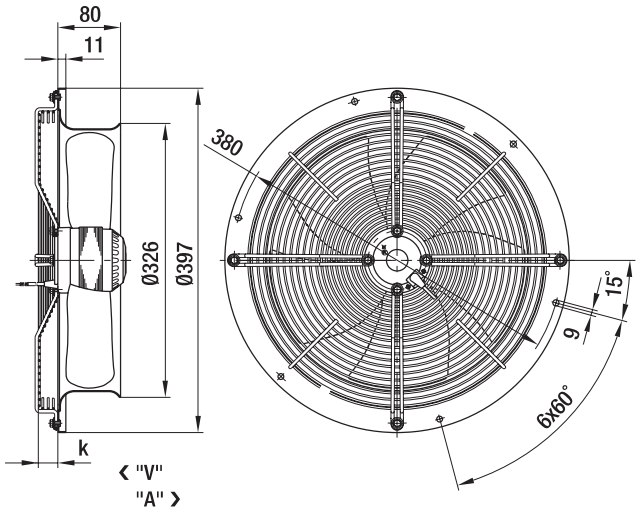
S series, Ø 300, drawings of directions of air flow "V" and "A"

Without attachments



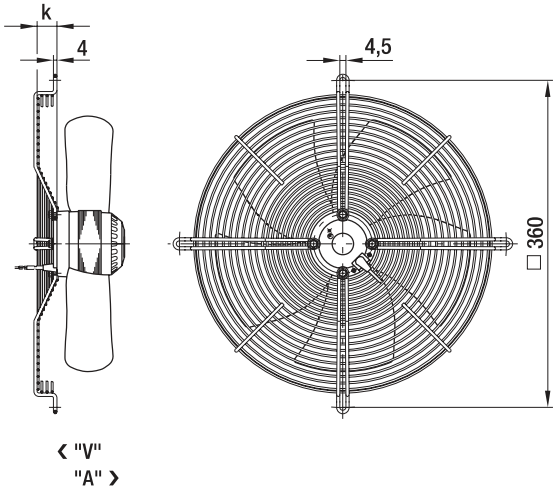
Type		c
A4D 300-AP28 -01	"V"	13.0
A4D 300-AP28 -02	"A"	-7.0
A4E 300-AP26 -01	"V"	13.0
A4E 300-AP26 -02	"A"	-7.0

With full round nozzle



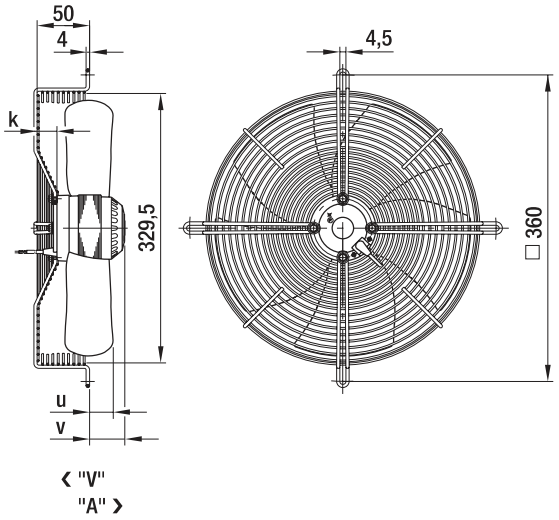
Type		k
W4D 300-CP28 -30	"V"	0.0
W4D 300-CP28 -31	"A"	30.0
W4E 300-CP26 -30	"V"	0.0
W4E 300-CP26 -31	"A"	30.0

With guard grille for full nozzle



Type		k
S4D 300-BP28 -30	"V"	0.0
S4D 300-BP28 -31	"A"	30.0
S4E 300-BP26 -30	"V"	0.0
S4E 300-BP26 -31	"A"	30.0

With guard grille for short nozzle



Type		k	u	v
S4D 300-AP28 -30	"V"	0.0	23.0	23.0
S4D 300-AP28 -31	"A"	30.0	29.0	49.0
S4E 300-AP26 -30	"V"	0.0	23.0	23.0
S4E 300-AP26 -31	"A"	30.0	29.0	49.0

AC axial fans

S series, Ø 315



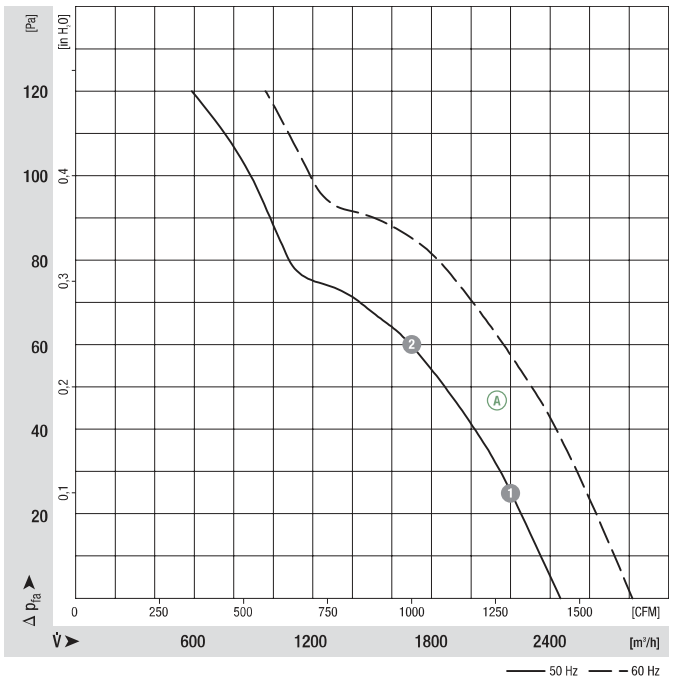
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, 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.
***4D 315** (1)	M4D 068-DF	Ⓐ	3~ 230/400	50	2450	1400	85	0.45/0.26	—	60	120	-25 to +55	2.4	C1)/C2)
			3~ 230/400	60	2810	1620	110	0.42/0.24	—	64	120	-25 to +55		
***4E 315**	M4E 068-DF	Ⓑ	1~ 230	50	2440	1410	102	0.52	4.0/400	59	120	-25 to +55	2.4	A1)
			1~ 230	60	2840	1650	120	0.53	4.0/400	64	120	-25 to +55		
***6E 315**	M6E 068-DF	Ⓒ	1~ 230	50	1650	950	65	0.33	2.0/400	51	70	-25 to +50	2.4	A1)
			1~ 230	60	1950	1120	68	0.30	2.0/450	55	80	-25 to +60		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



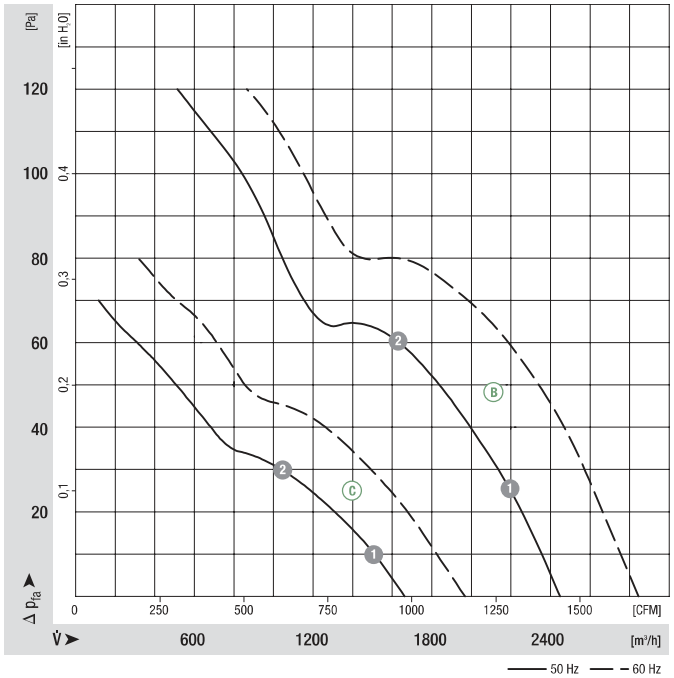
	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	1400	90	0.45/0.26
Ⓐ 2	1380	103	0.47/0.27

- **Motor protection:** Ⓐ Without TOP, Ⓑ Ⓒ TOP wired internally
- **Cable exit:** Axial
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, Ⓑ Ⓒ also CE
- **Approvals:** CCC; Ⓐ 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" In-line duct fan
"V"	A4D 315-AP10 -01	W4D 315-CP10 -30	S4D 315-BP10 -30	S4D 315-AP10 -30	W4D 315-IP10 -01
"A"	A4D 315-AP10 -02	W4D 315-CP10 -31	S4D 315-BP10 -31	S4D 315-AP10 -31	—
"V"	A4E 315-AP18 -01	W4E 315-CP18 -30	S4E 315-BP18 -30	S4E 315-AP18 -30	W4E 315-IP18 -01
"A"	A4E 315-AP18 -02	W4E 315-CP18 -31	S4E 315-BP18 -31	S4E 315-AP18 -31	—
"V"	A6E 315-AP02 -01	W6E 315-CP02 -30	S6E 315-BP02 -30	S6E 315-AP02 -30	—
"A"	A6E 315-AP02 -02	W6E 315-CP02 -31	S6E 315-BP02 -31	S6E 315-AP02 -31	—

Curves

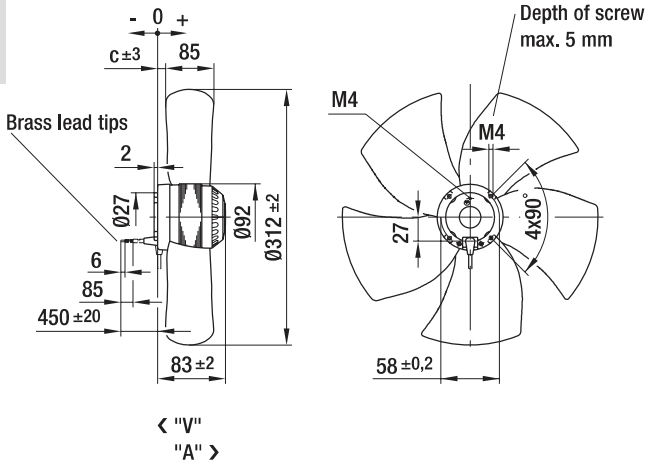


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	1400	108	0.54
Ⓑ 2	1380	120	0.57
Ⓒ 1	945	63	0.33
Ⓒ 2	930	66	0.33

AC axial fans

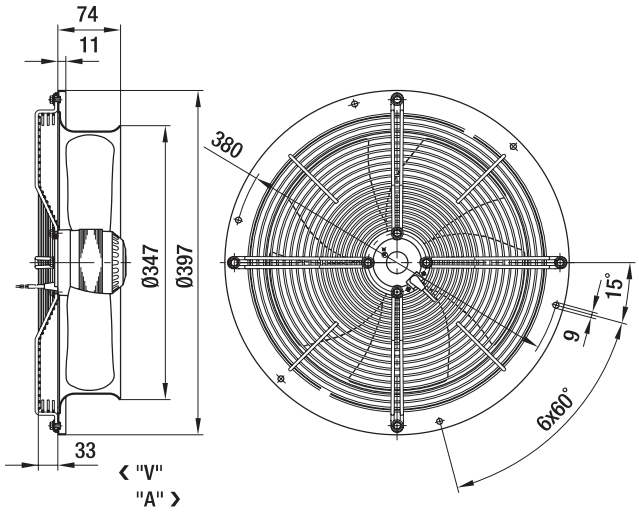
S series, Ø 315, drawings of directions of air flow "V" and "A"

Without attachments



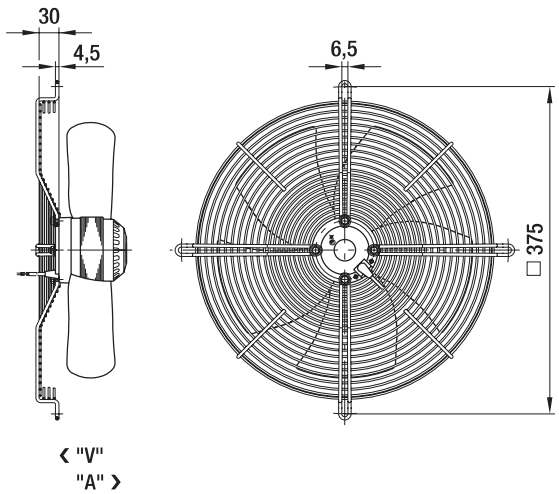
Type		c
A4D 315-AP10 -01	"V"	5.0
A4D 315-AP10 -02	"A"	-7.0
A4E 315-AP18 -01	"V"	5.0
A4E 315-AP18 -02	"A"	-7.0
A6E 315-AP02 -01	"V"	5.0
A6E 315-AP02 -02	"A"	-7.0

With full round nozzle



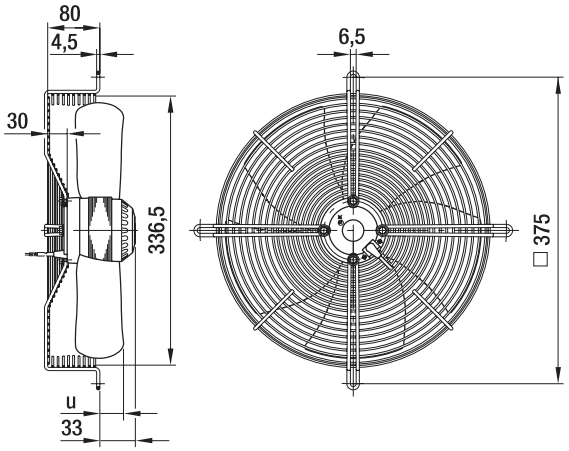
Type	
W4D 315-CP10 -30	"V"
W4D 315-CP10 -31	"A"
W4E 315-CP18 -30	"V"
W4E 315-CP18 -31	"A"
W6E 315-CP02 -30	"V"
W6E 315-CP02 -31	"A"

With guard grille for full nozzle



Type	
S4D 315-BP10 -30	"V"
S4D 315-BP10 -31	"A"
S4E 315-BP18 -30	"V"
S4E 315-BP18 -31	"A"
S6E 315-BP02 -30	"V"
S6E 315-BP02 -31	"A"

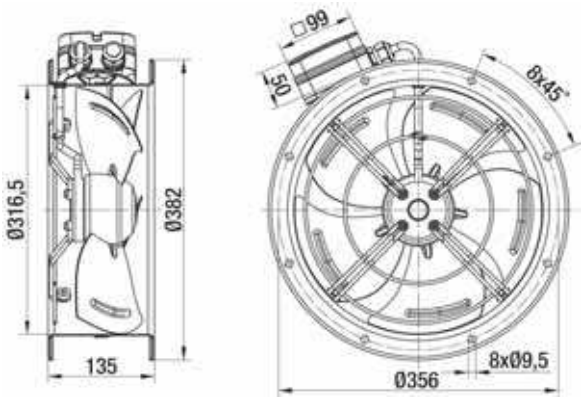
With guard grille for short nozzle



‹ "V"
"A" ›

Type		u
S4D 315-AP10 -30	"V"	40.0
S4D 315-AP10 -31	"A"	28.0
S4E 315-AP18 -30	"V"	40.0
S4E 315-AP18 -31	"A"	28.0
S6E 315-AP02 -30	"V"	40.0
S6E 315-AP02 -31	"A"	28.0

In-line duct fan



‹ "V"

Type	
W4D 315-IP10 -01	"V"
W4E 315-IP18 -01	"V"

AC axial fans

S series, Ø 330



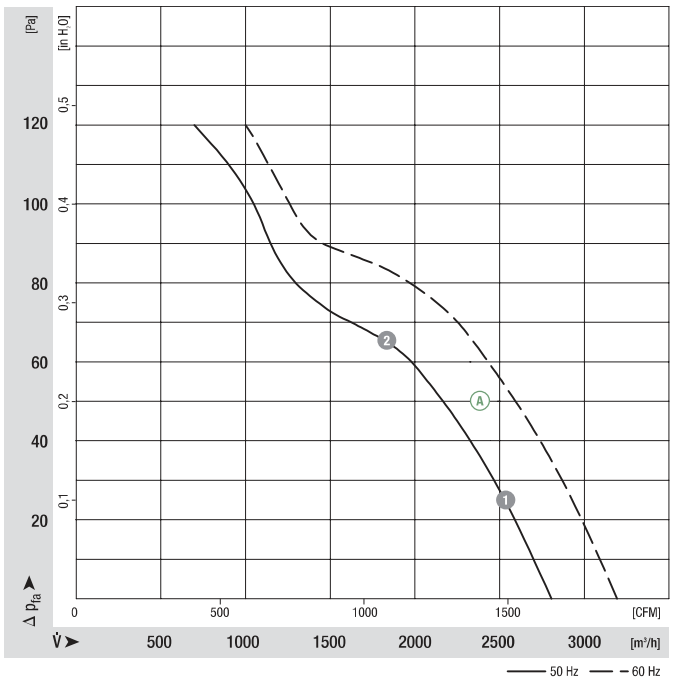
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, 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.
***4D 330** (1)	M4D 068-DF	Ⓐ	3~ 230/400	50	2800	1390	100	0.45/0.26	—	59	120	-25 to +55	2.6	C1)/C2)
			3~ 230/400	60	3180	1570	130	0.42/0.24	—	63	120	-25 to +45		
***4E 330**	M4E 068-DF	Ⓑ	1~ 230	50	2830	1390	120	0.57	4.0 / 400	63	90	-25 to +50	2.5	A1)
			1~ 230	60	3230	1600	140	0.60	4.0 / 400	67	75	-25 to +40		
***6E 330**	M6E 068-DF	Ⓒ	1~ 230	50	1940	940	65	0.33	2.0 / 400	49	60	-25 to +50	2.5	A1)
			1~ 230	60	2280	1100	72	0.32	2.0 / 450	53	70	-25 to +65		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	1370	102	0.45/0.26
Ⓐ 2	1325	126	0.48/0.28

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

Direction of air flow


❮ "V"/"A" ❯
Without attachments

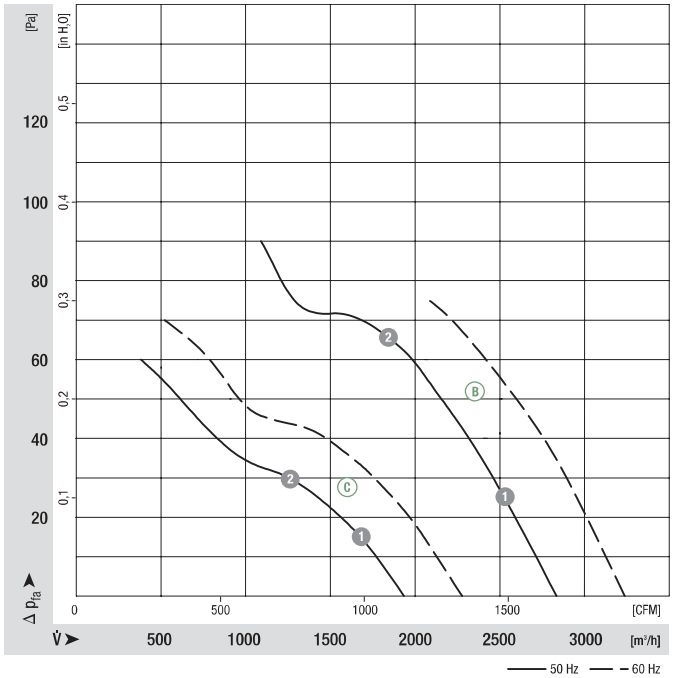

❮ "V"/"A" ❯
With full round nozzle


❮ "V"/"A" ❯
With guard grille for full nozzle


❮ "V"/"A" ❯
With guard grille for short nozzle

	Without attachments	With full round nozzle	With guard grille for full nozzle	With guard grille for short nozzle
"V"	A4D 330-AP10 -01	W4D 330-CP10 -30	S4D 330-BP10 -30	S4D 330-AP10 -30
"A"	A4D 330-AP10 -02	W4D 330-CP10 -31	S4D 330-BP10 -31	S4D 330-AP10 -31
"V"	A4E 330-AP18 -01	W4E 330-CP18 -30	S4E 330-BP18 -30	S4E 330-AP18 -30
"A"	A4E 330-AP18 -02	W4E 330-CP18 -31	S4E 330-BP18 -31	S4E 330-AP18 -31
"V"	A6E 330-AP02 -01	W6E 330-CP02 -30	S6E 330-BP02 -30	S6E 330-AP02 -30
"A"	A6E 330-AP02 -02	W6E 330-CP02 -31	S6E 330-BP02 -31	S6E 330-AP02 -31

Curves

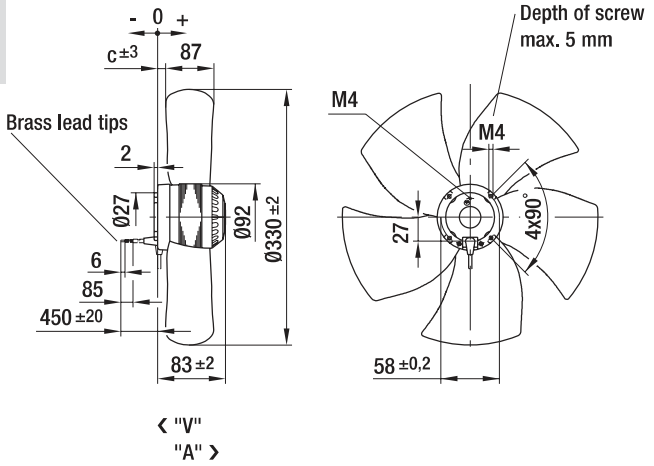


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	1375	122	0.58
Ⓑ 2	1325	140	0.64
Ⓒ 1	925	68	0.34
Ⓒ 2	910	70	0.35

AC axial fans

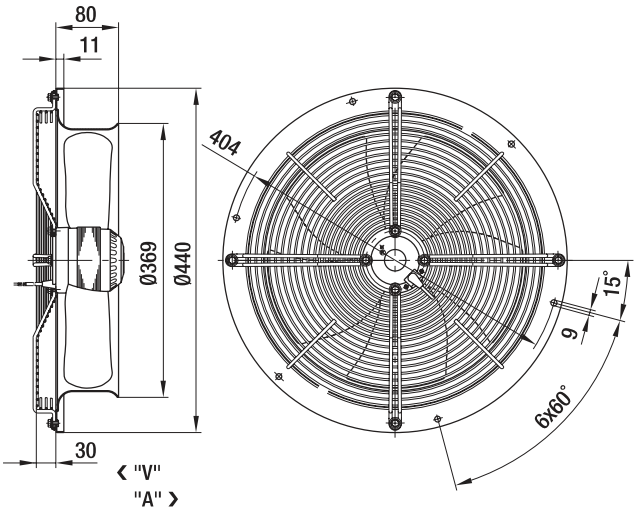
S series, Ø 330, drawings of directions of air flow "V" and "A"

Without attachments



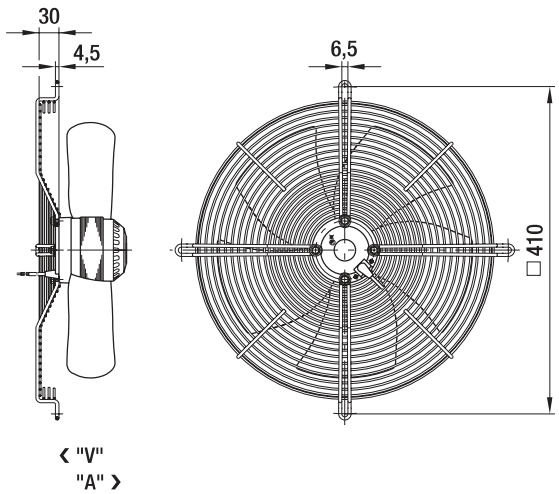
Type		c
A4D 330-AP10 -01	"V"	6.0
A4D 330-AP10 -02	"A"	-8.0
A4E 330-AP18 -01	"V"	6.0
A4E 330-AP18 -02	"A"	-8.0
A6E 330-AP02 -01	"V"	6.0
A6E 330-AP02 -02	"A"	-8.0

With full round nozzle



Type	
W4D 330-CP10 -30	"V"
W4D 330-CP10 -31	"A"
W4E 330-CP18 -30	"V"
W4E 330-CP18 -31	"A"
W6E 330-CP02 -30	"V"
W6E 330-CP02 -31	"A"

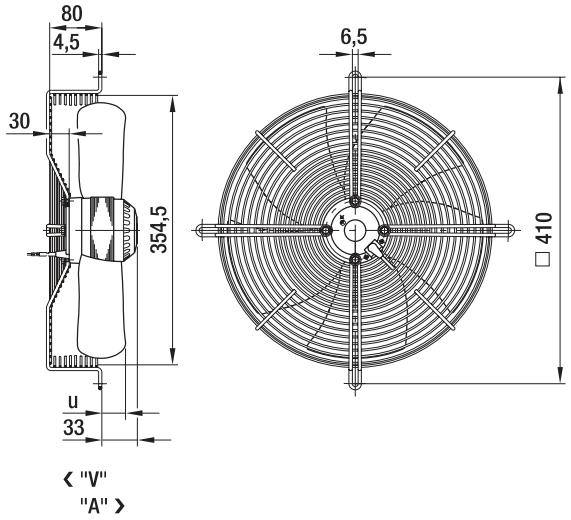
With guard grille for full nozzle



Type	
S4D 330-BP10 -30	"V"
S4D 330-BP10 -31	"A"
S4E 330-BP18 -30	"V"
S4E 330-BP18 -31	"A"
S6E 330-BP02 -30	"V"
S6E 330-BP02 -31	"A"



With guard grille for short nozzle



Type		u
S4D 330-AP10 -30	"V"	43.0
S4D 330-AP10 -31	"A"	29.0
S4E 330-AP18 -30	"V"	43.0
S4E 330-AP18 -31	"A"	29.0
S6E 330-AP02 -30	"V"	43.0
S6E 330-AP02 -31	"A"	29.0

AC axial fans

S series, Ø 350



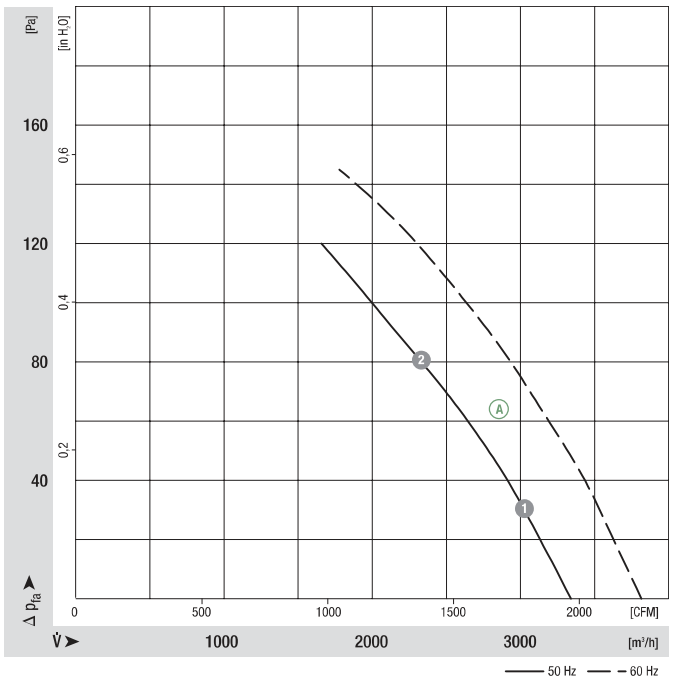
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** Ⓐ Ⓒ "B", Ⓑ "F"
- **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.
***4D 350** (1)	M4D 068-EC	Ⓐ	3~ 230/400	50	3340	1420	135	0.73/0.42	—	64	120	-25 to +60	3.6	C1)/C2)
			3~ 230/400	60	3815	1620	185	0.64/0.37	—	68	145	-25 to +45		
***4E 350**	M4E 068-EC	Ⓑ	1~ 230	50	3250	1365	132	0.58	5.0/400	64	90	-25 to +60	3.6	A1)
			1~ 230	60	3640	1530	180	0.80	5.0/400	67	65	-25 to +50		
***6E 350**	M6E 068-DF	Ⓒ	1~ 230	50	2110	905	60	0.27	2.5/400	55	40	-25 to +60	3.6	A1)
			1~ 230	60	2420	1040	85	0.38	2.5/400	58	45	-25 to +55		

subject to alterations

(1) 230 VAC Δ / 400 VAC Y

Curves



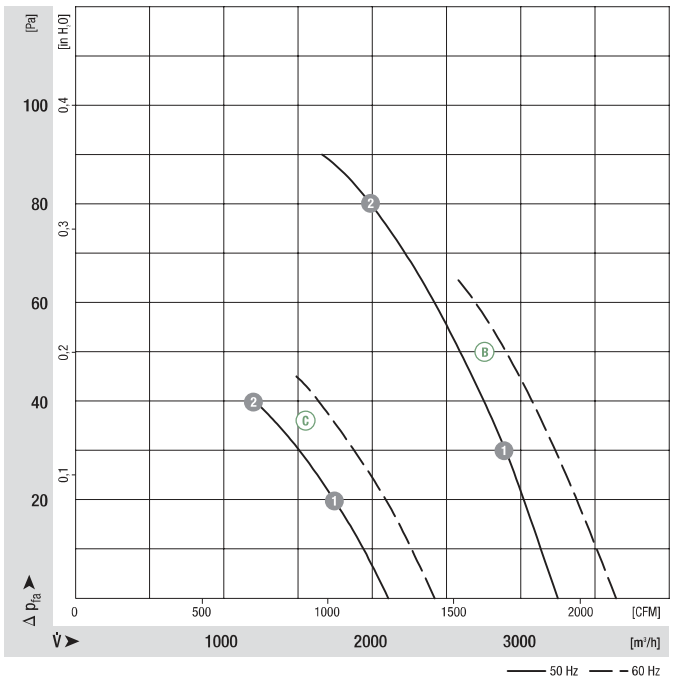
	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	1400	150	0.75/0.43
Ⓐ 2	1380	173	0.75/0.43

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

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" In-line duct fan
"V"	A4D 350-AR06 -01	W4D 350-CR06 -30	S4D 350-BR06 -30	S4D 350-AR06 -30	W4D 350-IR06 -01
"A"	A4D 350-AR06 -02	W4D 350-CR06 -31	S4D 350-BR06 -31	S4D 350-AR06 -31	—
"V"	A4E 350-AR06 -01	W4E 350-CR06 -30	S4E 350-BR06 -30	S4E 350-AR06 -30	W4E 350-IR06 -01
"A"	A4E 350-AR06 -02	W4E 350-CR06 -31	S4E 350-BR06 -31	S4E 350-AR06 -31	—
"V"	A6E 350-AR08 -01	W6E 350-CR08 -30	S6E 350-BR08 -30	S6E 350-AR08 -30	—
"A"	A6E 350-AR08 -02	W6E 350-CR08 -31	S6E 350-BR08 -31	S6E 350-AR08 -31	—

Curves

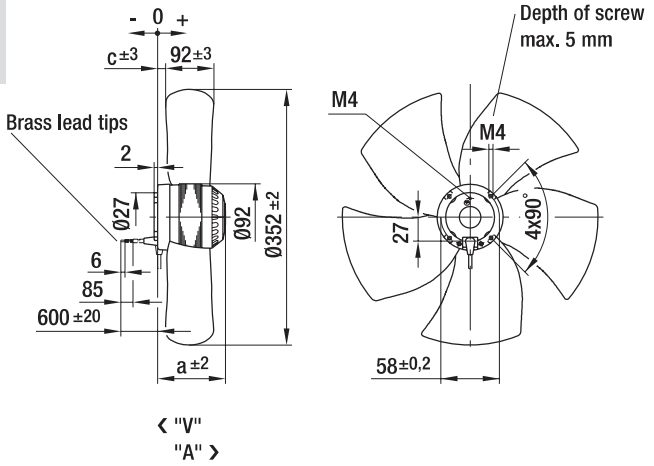


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	1335	142	0.63
Ⓑ 2	1260	166	0.74
Ⓒ 1	880	63	0.28
Ⓒ 2	825	68	0.30

AC axial fans

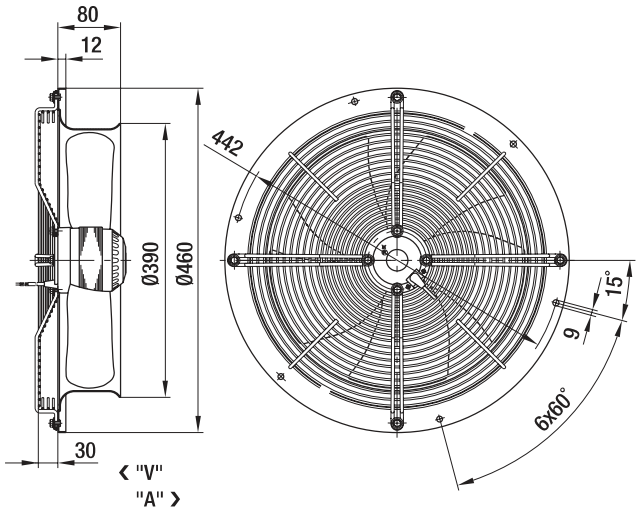
S series, Ø 350, drawings of directions of air flow "V" and "A"

Without attachments



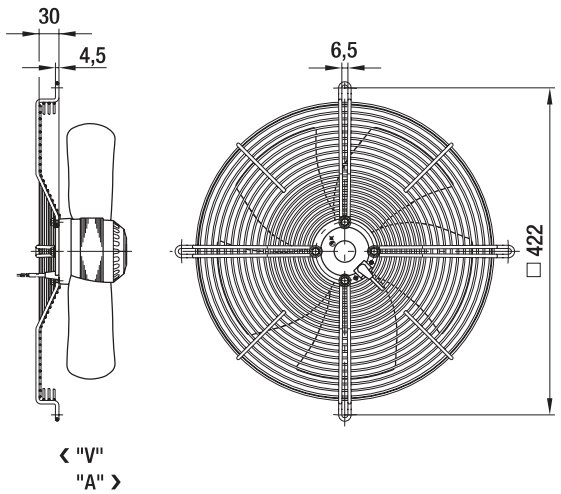
Type		a	c
A4D 350-AR06 -01	"V"	102.0	10.0
A4D 350-AR06 -02	"A"	102.0	-10.0
A4E 350-AR06 -01	"V"	102.0	10.0
A4E 350-AR06 -02	"A"	102.0	-10.0
A6E 350-AR08 -01	"V"	83.0	5.0
A6E 350-AR08 -02	"A"	83.0	-12.0

With full round nozzle



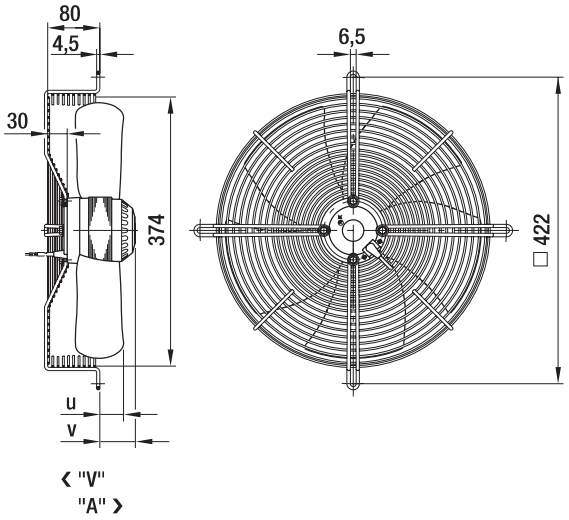
Type	
W4D 350-CR06 -30	"V"
W4D 350-CR06 -31	"A"
W4E 350-CR06 -30	"V"
W4E 350-CR06 -31	"A"
W6E 350-CR08 -30	"V"
W6E 350-CR08 -31	"A"

With guard grille for full nozzle



Type	
S4D 350-BR06 -30	"V"
S4D 350-BR06 -31	"A"
S4E 350-BR06 -30	"V"
S4E 350-BR06 -31	"A"
S6E 350-BR08 -30	"V"
S6E 350-BR08 -31	"A"

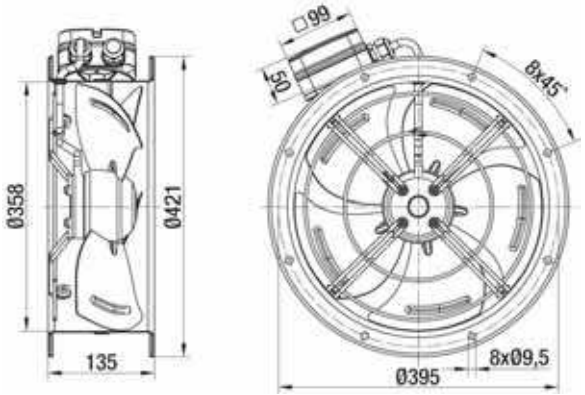
With guard grille for short nozzle



‹ "V"
"A" ›

Type		u	v
S4D 350-AR06 -30	"V"	52.0	52.0
S4D 350-AR06 -31	"A"	32.0	52.0
S4E 350-AR06 -30	"V"	52.0	52.0
S4E 350-AR06 -31	"A"	32.0	52.0
S6E 350-AR08 -30	"V"	47.0	33.0
S6E 350-AR08 -31	"A"	30.0	33.0

In-line duct fan



‹ "V"

Type	
W4D 350-IR06 -01	"V"
W4E 350-IR06 -01	"V"

AC axial fans

S series, Ø 400



- **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", Ⓒ "F"
- **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

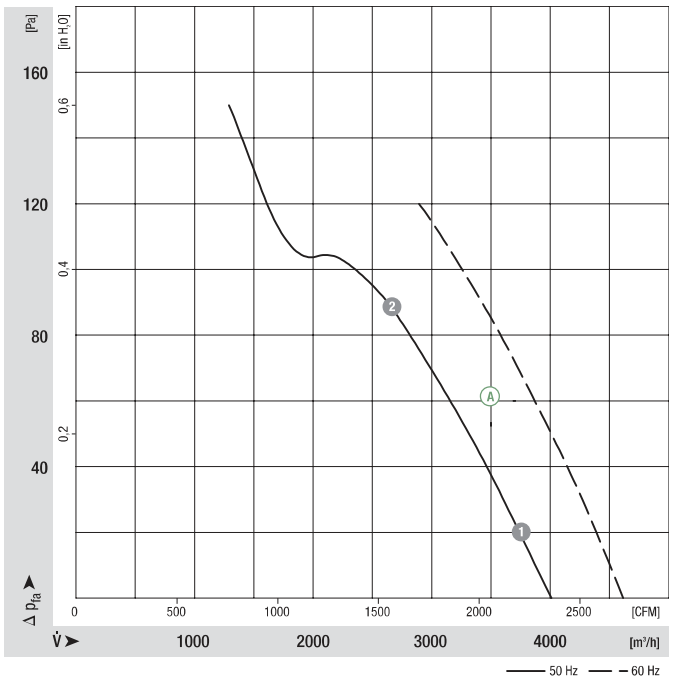
Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**m³/h**	**rpm**	**W**	**A**	**µF/VDB**	**dB(A)**	**Pa**	**°C**	**kg**	p. 416 f.
***4D 400** (1)(2)	M4D 074-EI	Ⓐ	3~ 230/400	50	4000	1450	135	0.76/0.44	—	68	150	-25 to +40	4.2	C1)/C2)
			3~ 230/400	60	4610	1690	185	0.68/0.39	—	72	120	-25 to +40		
***4E 400**	M4E 074-EI	Ⓑ	1~ 230	50	4235	1430	160	0.73	6.0/400	69	150	-25 to +40	4.2	A1)
			1~ 230	60	4950	1700	240	1.06	6.0/400	73	75	-25 to +40		
***6E 400**	M6E 074-DF	Ⓒ	1~ 230	50	3290	940	120	0.55	3.0/450	59	50	-25 to +40	4.0	A1)
			1~ 230	60	3780	1080	170	0.75	3.0/400	62	40	-25 to +60		

subject to alterations

(1) 400 VAC △/Y for two speed steps available on request

(2) 230 VAC △ / 400 VAC Y

Curves



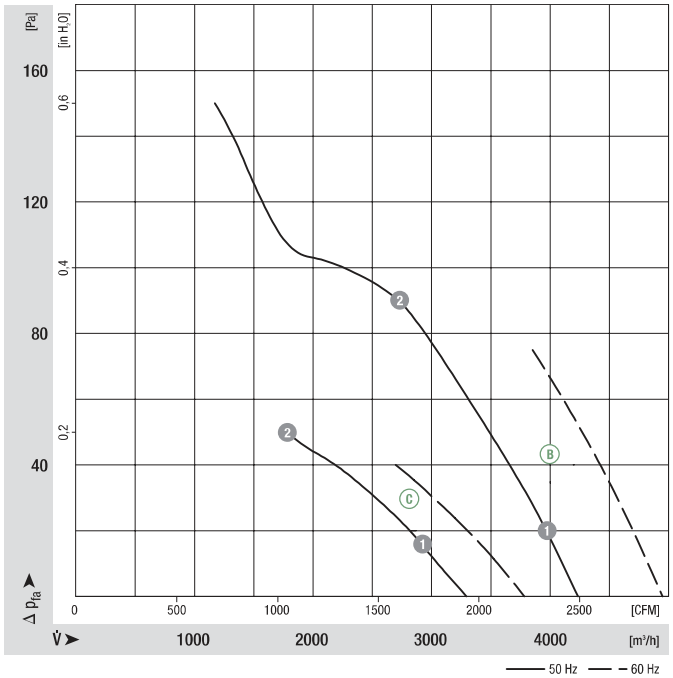
	n [rpm]	P_1 [W]	I [A]
Ⓐ ❶	1440	152	0.82/0.47
Ⓐ ❷	1415	195	0.86/0.50

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

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" In-line duct fan
"V"	A4D 400-AP12 -01	W4D 400-CP12 -30	S4D 400-BP12 -30	S4D 400-AP12 -03	W4D 400-IP12 -01
"A"	A4D 400-AP12 -02	W4D 400-CP12 -31	S4D 400-BP12 -31	S4D 400-AP12 -04	—
"V"	A4E 400-AP02 -01	W4E 400-CP02 -30	S4E 400-BP02 -30	S4E 400-AP02 -03	W4E 400-IP02 -01
"A"	A4E 400-AP02 -02	W4E 400-CP02 -31	S4E 400-BP02 -31	S4E 400-AP02 -04	—
"V"	A6E 400-AP10 -01	W6E 400-CP10 -30	S6E 400-BP10 -30	S6E 400-AP10 -30	—
"A"	A6E 400-AP10 -02	W6E 400-CP10 -31	S6E 400-BP10 -31	S6E 400-AP10 -31	—

Curves

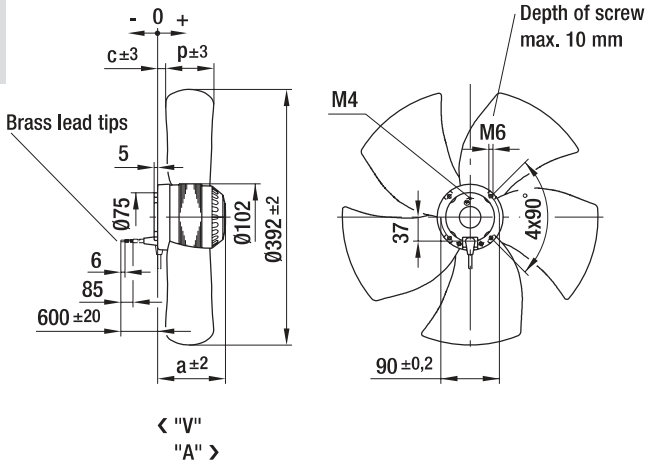


	n [rpm]	P_1 [W]	I [A]
Ⓑ 1	1430	172	0.78
Ⓑ 2	1395	210	0.93
Ⓒ 1	935	126	0.57
Ⓒ 2	895	140	0.62

AC axial fans

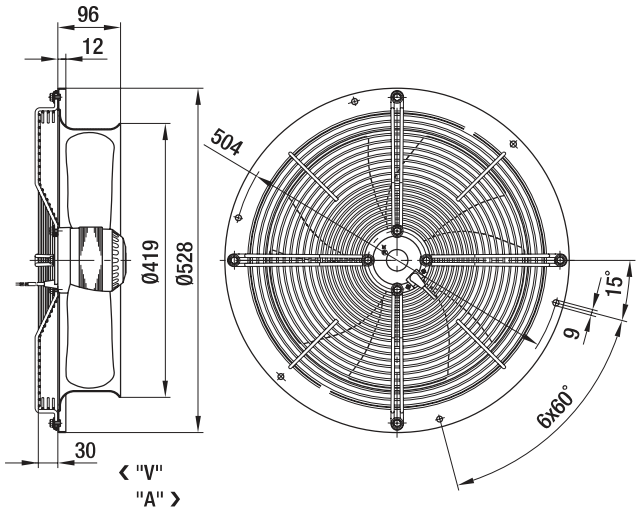
S series, Ø 400, drawings of directions of air flow "V" and "A"

Without attachments



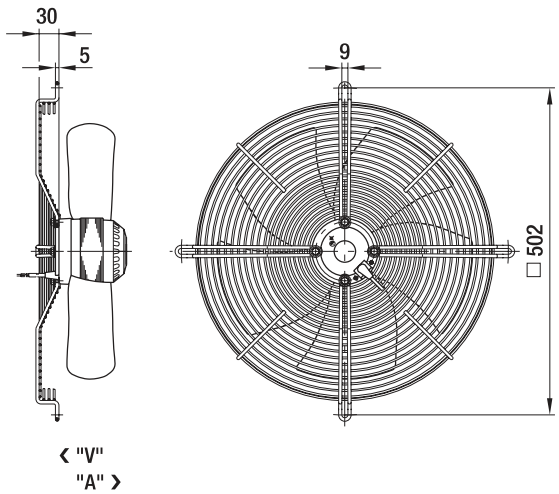
Type		a	c	p
A4D 400-AP12 -01	"V"	117.0	26.0	68.0
A4D 400-AP12 -02	"A"	117.0	22.0	68.0
A4E 400-AP02 -01	"V"	117.0	26.0	68.0
A4E 400-AP02 -02	"A"	117.0	22.0	68.0
A6E 400-AP10 -01	"V"	104.0	-5.0	90.0
A6E 400-AP10 -02	"A"	104.0	14.0	88.0

With full round nozzle



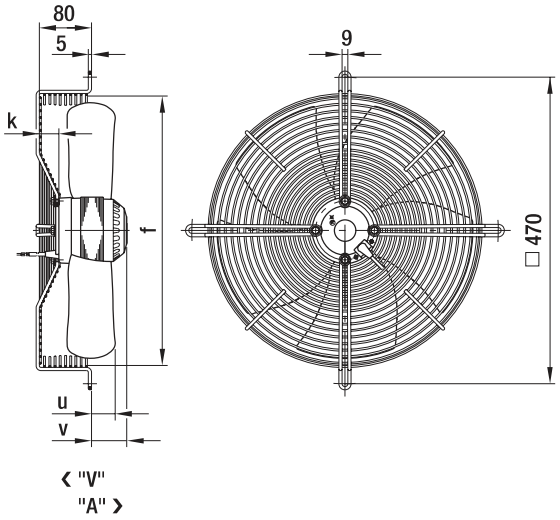
Type	
W4D 400-CP12 -30	"V"
W4D 400-CP12 -31	"A"
W4E 400-CP02 -30	"V"
W4E 400-CP02 -31	"A"
W6E 400-CP10 -30	"V"
W6E 400-CP10 -31	"A"

With guard grille for full nozzle



Type	
S4D 400-BP12 -30	"V"
S4D 400-BP12 -31	"A"
S4E 400-BP02 -30	"V"
S4E 400-BP02 -31	"A"
S6E 400-BP10 -30	"V"
S6E 400-BP10 -31	"A"

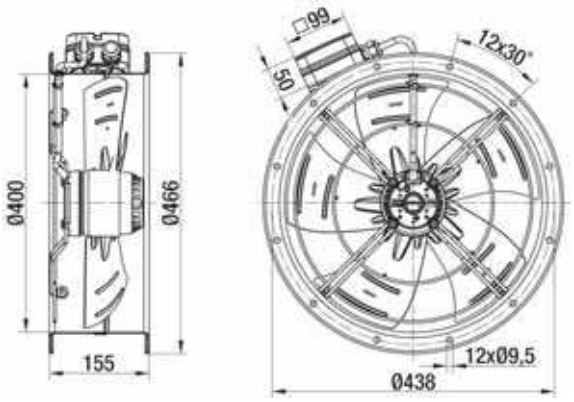
With guard grille for short nozzle



‹ "V"
"A" ›

Type		f	k	u	v
S4D 400-AP12 -03	"V"	420.0	10.0	24.0	47.0
S4D 400-AP12 -04	"A"	420.0	10.0	20.0	47.0
S4E 400-AP02 -03	"V"	420.0	10.0	24.0	47.0
S4E 400-AP02 -04	"A"	420.0	10.0	20.0	47.0
S6E 400-AP10 -30	"V"	414.0	30.0	35.0	54.0
S6E 400-AP10 -31	"A"	414.0	30.0	52.0	54.0

In-line duct fan



‹ "V"

Type	
W4D 400-IP12 -01	"V"
W4E 400-IP02 -01	"V"

AC axial fans

S series, Ø 420



- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Plastic, 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 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **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

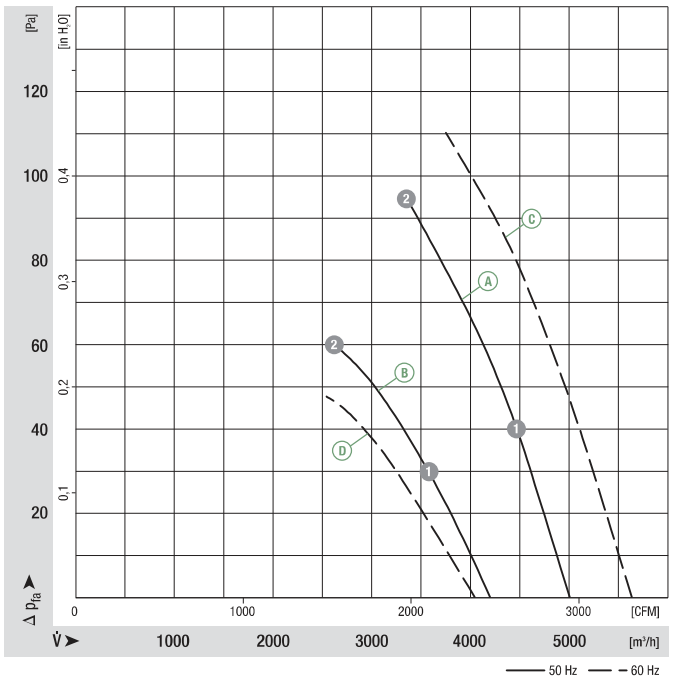
Nominal data

Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Speed/rpm (1) rpm	Max. power input (1) W	Max. current draw (1) A	Capacitor µF/VDB	Max. operative range Pa	Perm. amb. temp. °C	Mass without attachments kg	Electr. connection p. 416 f.
*4D 420	M4D 094-EA	A	3~ 400 Δ	50	1360	260	0.52	—	95	-40 to +60	5.8	F1b)/F2b)
		B	3~ 400 Y	50	1060	185	0.31	—	60	-40 to +60		
		C	3~ 400 Δ	60	1490	385	0.65	—	110	-40 to +60	5.8	F1b)/F2b)
		D	3~ 400 Y	60	970	220	0.37	—	47	-40 to +60		
*4E 420	M4E 094-EA	E	1~ 230	50	1360	280	1.25	7.0 /400	95	-40 to +60	5.8	A2b)
			1~ 230	60	1520	385	1.68	7.0 /400	100	-40 to +60		

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



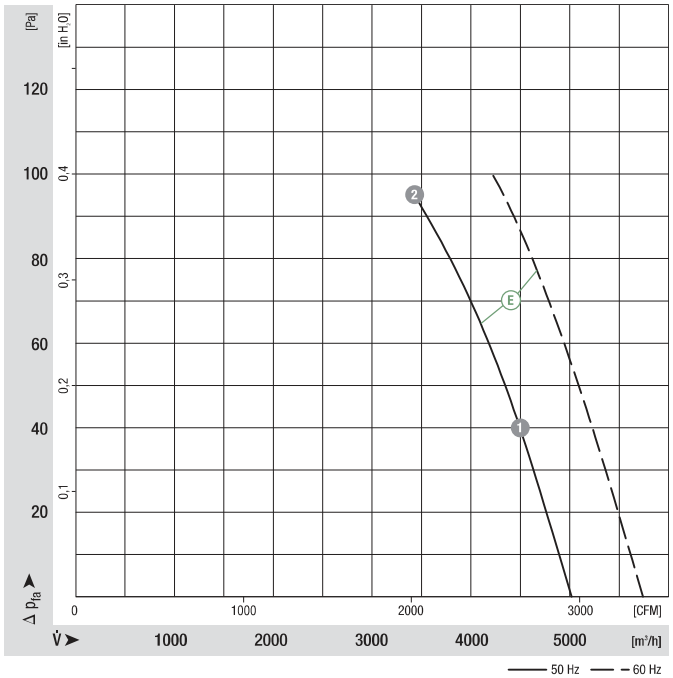
	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
A 1	1380	225	0.47	67
A 2	1360	260	0.52	65
B 1	1120	170	0.29	61
B 2	1060	185	0.31	58

- **Motor protection:** Ⓐ-Ⓓ Design with thermal overload protector, Ⓔ TOP wired internally
- **Cable exit:** Lateral via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE

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 420-AU02 -01	W4D 420-CU02 -30	S4D 420-BU02 -30	S4D 420-AU02 -03
"A"	A4D 420-AU02 -02	W4D 420-CU02 -31	S4D 420-BU02 -31	S4D 420-AU02 -04
"V"	A4E 420-AU03 -01	W4E 420-CU03 -30	S4E 420-BU03 -30	S4E 420-AU03 -03
"A"	A4E 420-AU03 -02	W4E 420-CU03 -31	S4E 420-BU03 -31	S4E 420-AU03 -04

Curves

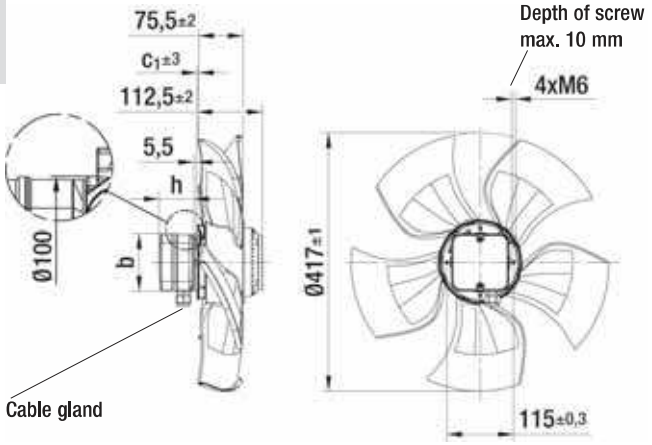


	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓔ 1	1390	247	1.13	67
Ⓔ 2	1360	280	1.25	65

AC axial fans

S series, Ø 420, drawings of directions of air flow "V" and "A"

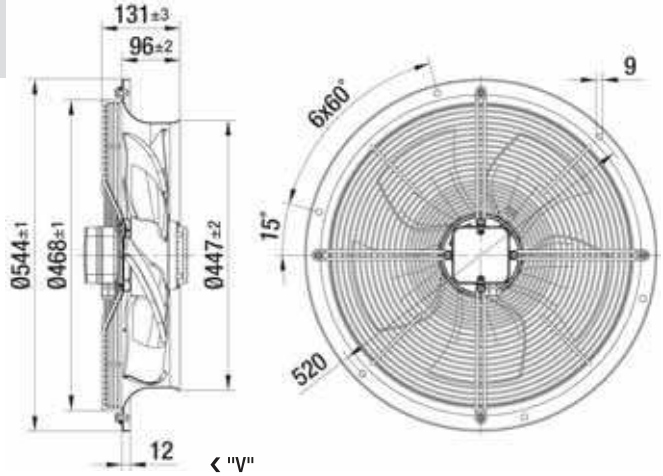
Without attachments



‹ "V"
"A" ›

Type		b	c_1	h
A4D 420-AU02 -01	"V"	Ø 89	2.0	33.5
A4D 420-AU02 -02	"A"	Ø 89	16.0	33.5
A4E 420-AU03 -01	"V"	99x99	2.0	59.5
A4E 420-AU03 -02	"A"	99x99	16.0	59.5

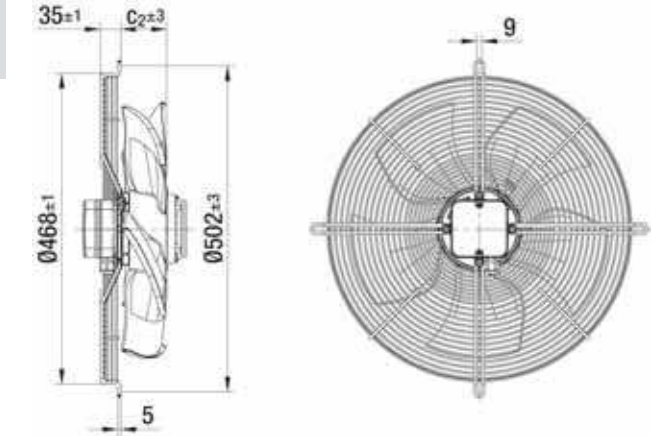
With full round nozzle



‹ "V"
"A" ›

Type	
W4D 420-CU02 -30	"V"
W4D 420-CU02 -31	"A"
W4E 420-CU03 -30	"V"
W4E 420-CU03 -31	"A"

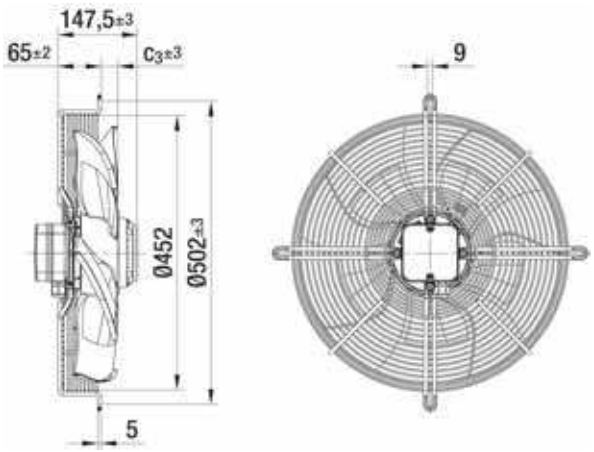
With guard grille for full nozzle



‹ "V"
"A" ›

Type		c_2
S4D 420-BU02 -30	"V"	77.5
S4D 420-BU02 -31	"A"	91.5
S4E 420-BU03 -30	"V"	77.5
S4E 420-BU03 -31	"A"	91.5

With guard grille for short nozzle



‹ "V"
"A" ›

Type		c_3
S4D 420-AU02 -03	"V"	47.5
S4D 420-AU02 -04	"A"	61.5
S4E 420-AU03 -03	"V"	47.5
S4E 420-AU03 -04	"A"	61.5

AC axial fans 6-pole

S series, Ø 420 / 450

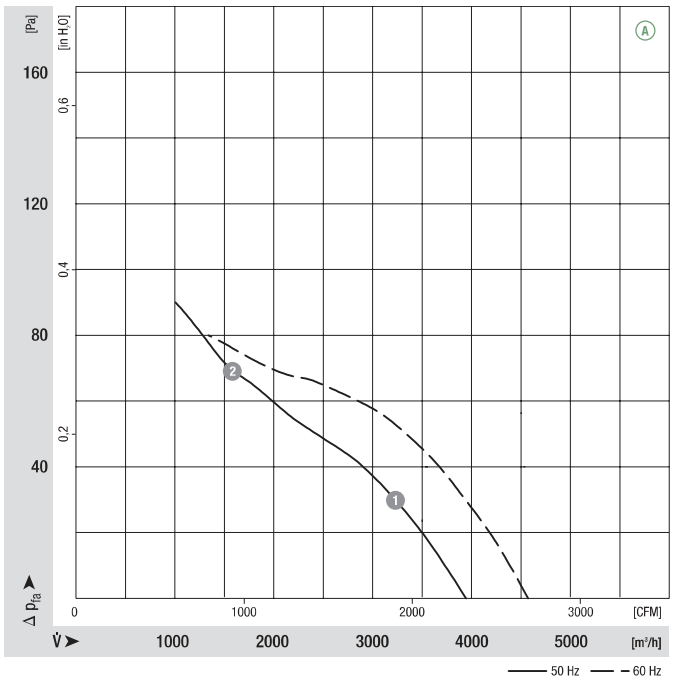


- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "F"
- **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.
***6E 420**	M6E 074-EI	Ⓐ	1~ 230 1~ 230	50 60	3940 4570	940 1090	145 205	0.67 0.90	4.0/450 4.0/450	60 63	90 80	-25 to +50 -25 to +45	4.4	A1)
***6E 450**	M6E 074-GA	Ⓑ	1~ 230 1~ 230	50 60	4725 5450	940 1070	165 225	0.80 0.98	4.0/450 4.0/450	63 67	70 45	-25 to +40 -25 to +40	5.0	A1)

subject to alterations

Curves



	n [rpm]	P_1 [W]	I [A]
Ⓐ 1	930	155	0.71
Ⓐ 2	890	176	0.80

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class: I**
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC
- **Options:** Terminal box

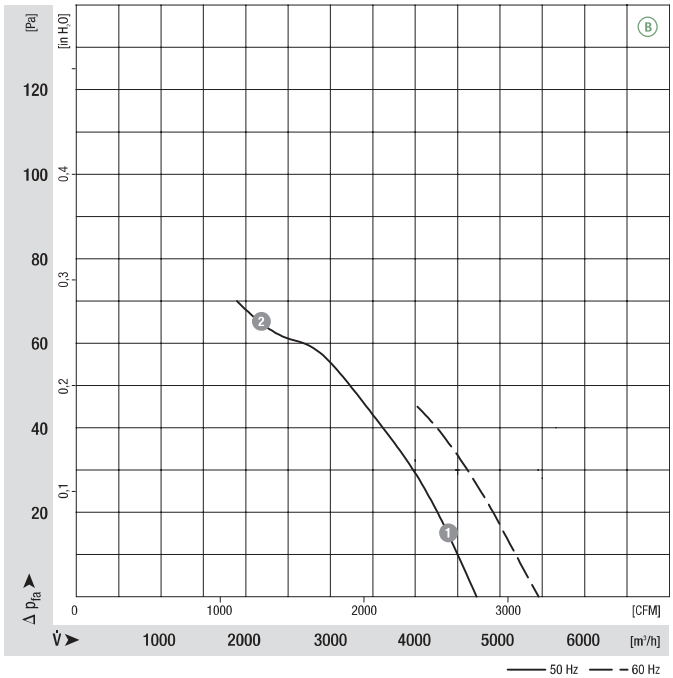
Direction of air flow






	❮ "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"	A6E 420-AP02 -01	W6E 420-CP02 -30	S6E 420-BP02 -30	S6E 420-AP02 -30
"A"	A6E 420-AP02 -02	W6E 420-CP02 -31	S6E 420-BP02 -31	S6E 420-AP02 -31
"V"	A6E 450-AP02 -01	W6E 450-CP02 -01	S6E 450-BP02 -01	S6E 450-AP02 -01
"A"	A6E 450-AP02 -02	W6E 450-CP02 -02	S6E 450-BP02 -02	S6E 450-AP02 -02

Curves

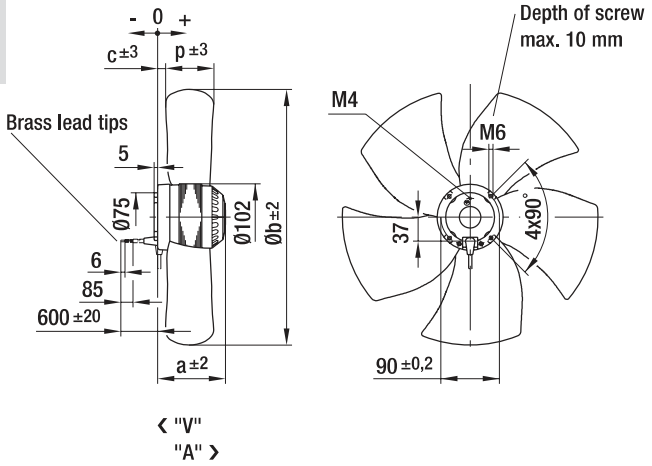


	n [rpm]	P_1 [W]	I [A]
B 1	930	171	0.82
B 2	870	200	0.94

AC axial fans

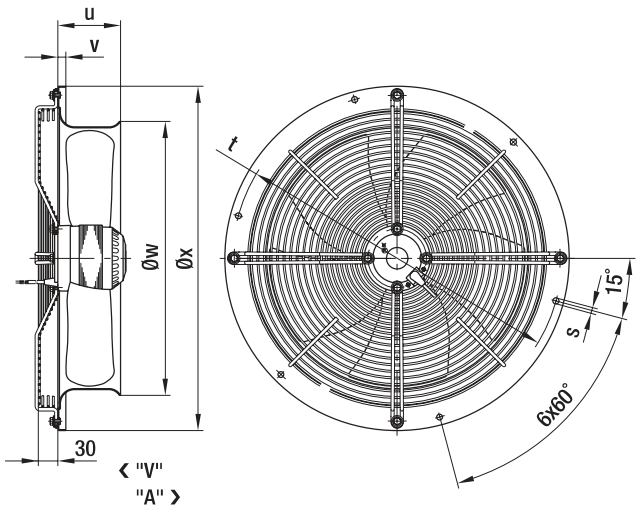
S series, Ø 420 / 450, drawings of directions of air flow "V" and "A"

Without attachments



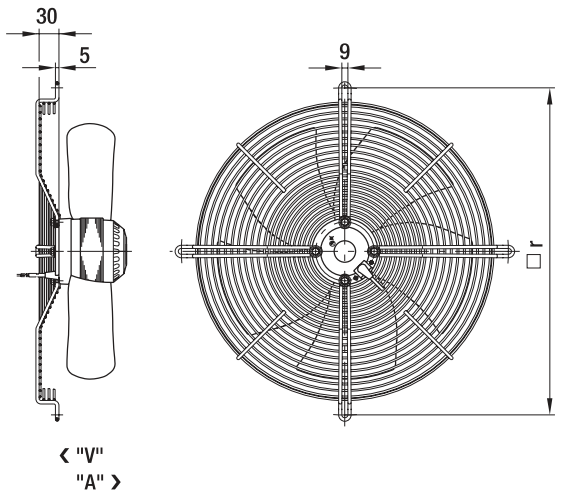
Type		a	b	c	p
A6E 420-AP02 -01	"V"	117.0	418.0	2.0	89.0
A6E 420-AP02 -02	"A"	117.0	418.0	21.0	89.0
A6E 450-AP02 -01	"V"	129.0	446.0	10.0	92.0
A6E 450-AP02 -02	"A"	129.0	446.0	25.0	92.0

With full round nozzle



Type		s	t	u	v	w	x
W6E 420-CP02 -30	"V"	9.0	520.0	96.0	12.0	447.0	544.0
W6E 420-CP02 -31	"A"	9.0	520.0	96.0	12.0	447.0	544.0
W6E 450-CP02 -01	"V"	11.0	578.0	100.0	14.0	465.0	607.0
W6E 450-CP02 -02	"A"	11.0	578.0	100.0	14.0	465.0	607.0

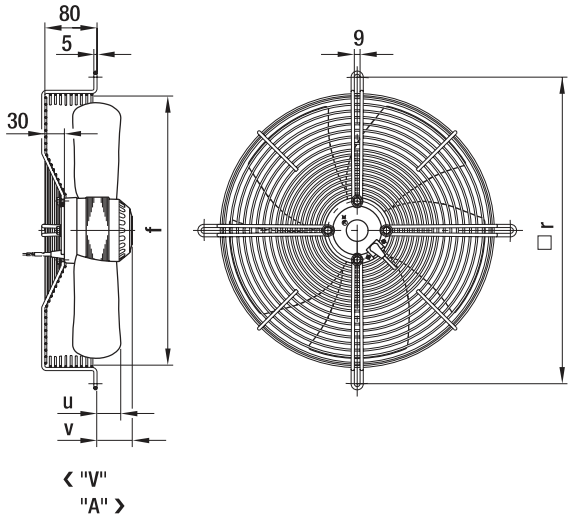
With guard grille for full nozzle



Type		r
S6E 420-BP02 -30	"V"	502.0
S6E 420-BP02 -31	"A"	502.0
S6E 450-BP02 -01	"V"	522.0
S6E 450-BP02 -02	"A"	522.0



With guard grille for short nozzle



Type		f	r	u	v
S6E 420-AP02 -30	"V"	452.0	502.0	41.0	67.0
S6E 420-AP02 -31	"A"	452.0	502.0	60.0	67.0
S6E 450-AP02 -01	"V"	476.0	522.0	52.0	79.0
S6E 450-AP02 -02	"A"	476.0	522.0	67.0	79.0

AC axial fans

S series, Ø 450



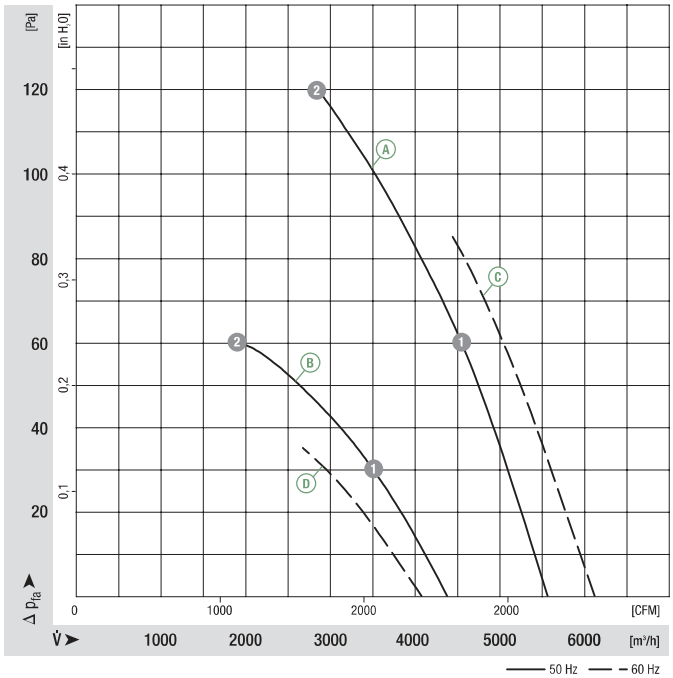
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Plastic, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **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	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**rpm**	**W**	**A**	**µF/VDB**	**Pa**	**°C**	**kg**	p. 416 f.
***4D 450**	M4D 094-EA	Ⓐ	3~ 400 Δ	50	1250	340	0.61	—	120	-40 to +60	6.0	F1b)/F2b)
		Ⓑ	3~ 400 Y	50	875	200	0.33	—	60	-40 to +60		
		Ⓒ	3~ 400 Δ	60	1360	415	0.70	—	85	-40 to +50	6.0	F1b)/F2b)
		Ⓓ	3~ 400 Y	60	860	205	0.35	—	35	-40 to +50		
***4E 450**	M4E 094-EA	Ⓔ	1~ 230	50	1300	350	1.55	8.0 /400	120	-40 to +55	6.0	A2b)
			1~ 230	60	1490	425	1.87	8.0 /400	50	-40 to +45		

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓐ ❶	1300	285	0.54	67
Ⓐ ❷	1250	340	0.61	64
Ⓑ ❶	985	180	0.30	59
Ⓑ ❷	875	200	0.33	54

- **Motor protection:** Ⓐ-Ⓓ Design with thermal overload protector, Ⓔ TOP wired internally
- **Cable exit:** Lateral via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE

Direction of air flow


❮ "V"/"A" ❯
Without attachments

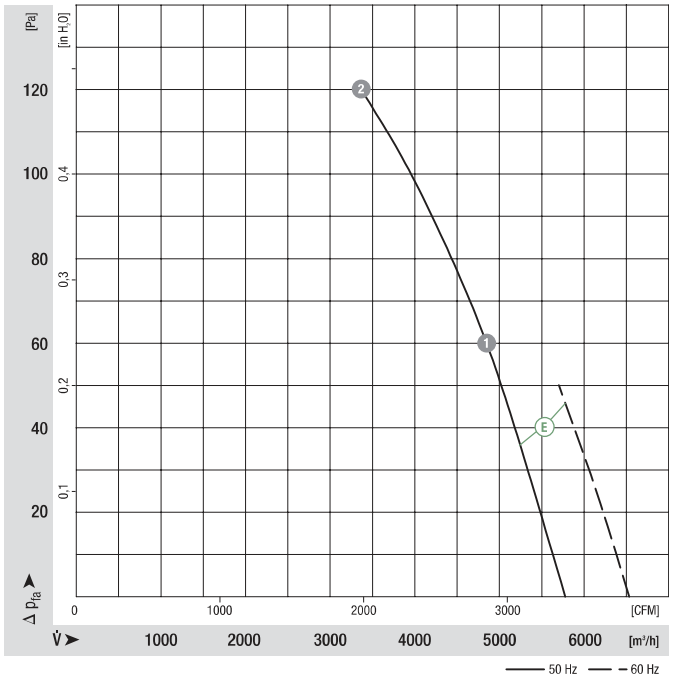

❮ "V"/"A" ❯
With full round nozzle


❮ "V"/"A" ❯
With guard grille for full nozzle


❮ "V"/"A" ❯
With guard grille for short nozzle

"V"	A4D 450-AU01 -01	W4D 450-CU01 -01	S4D 450-BU01 -01	S4D 450-AU01 -01
"A"	A4D 450-AU01 -02	W4D 450-CU01 -02	S4D 450-BU01 -02	S4D 450-AU01 -02
"V"	A4E 450-AU03 -01	W4E 450-CU03 -01	S4E 450-BU03 -01	S4E 450-AU03 -01
"A"	A4E 450-AU03 -02	W4E 450-CU03 -02	S4E 450-BU03 -02	S4E 450-AU03 -02

Curves

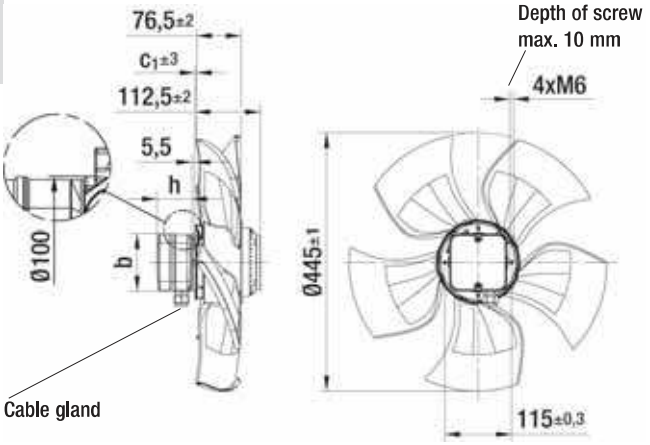


	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓔ 1	1350	310	1.35	68
Ⓔ 2	1300	350	1.55	65

AC axial fans

S series, Ø 450, drawings of directions of air flow "V" and "A"

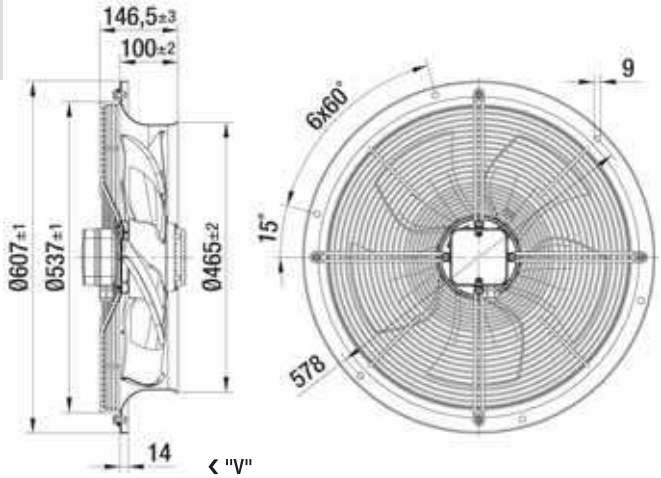
Without attachments



‹ "V"
"A" ›

Type		b	c_1	h
A4D 450-AU01 -01	"V"	Ø 89	6.0	33.5
A4D 450-AU01 -02	"A"	Ø 89	20.0	33.5
A4E 450-AU03 -01	"V"	99x99	6.0	59.5
A4E 450-AU03 -02	"A"	99x99	20.0	59.5

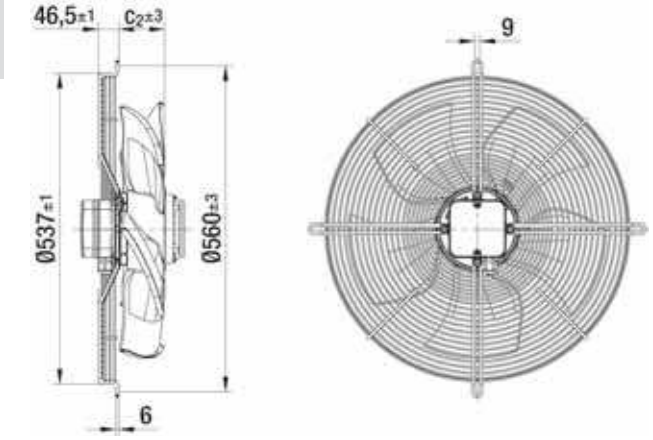
With full round nozzle



‹ "V"
"A" ›

Type	
W4D 450-CU01 -01	"V"
W4D 450-CU01 -02	"A"
W4E 450-CU03 -01	"V"
W4E 450-CU03 -02	"A"

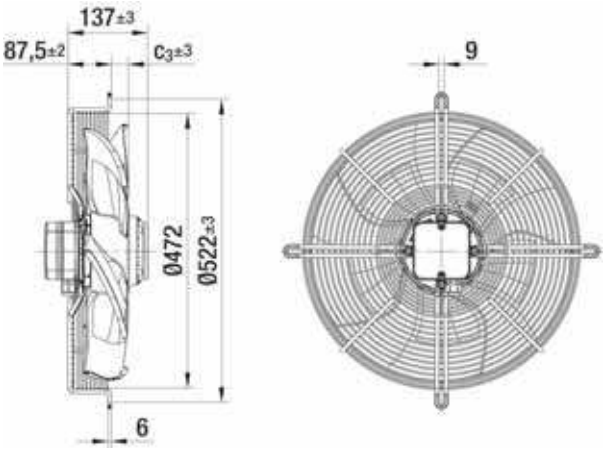
With guard grille for full nozzle



‹ "V"
"A" ›

Type		c_2
S4D 450-BU01 -01	"V"	60.5
S4D 450-BU01 -02	"A"	74.5
S4E 450-BU03 -01	"V"	60.5
S4E 450-BU03 -02	"A"	74.5

With guard grille for short nozzle



‹ "V"
"A" ›

Type		c_3
S4D 450-AU01 -01	"V"	19.5
S4D 450-AU01 -02	"A"	33.5
S4E 450-AU03 -01	"V"	19.5
S4E 450-AU03 -02	"A"	33.5

AC axial fans

S series, Ø 450



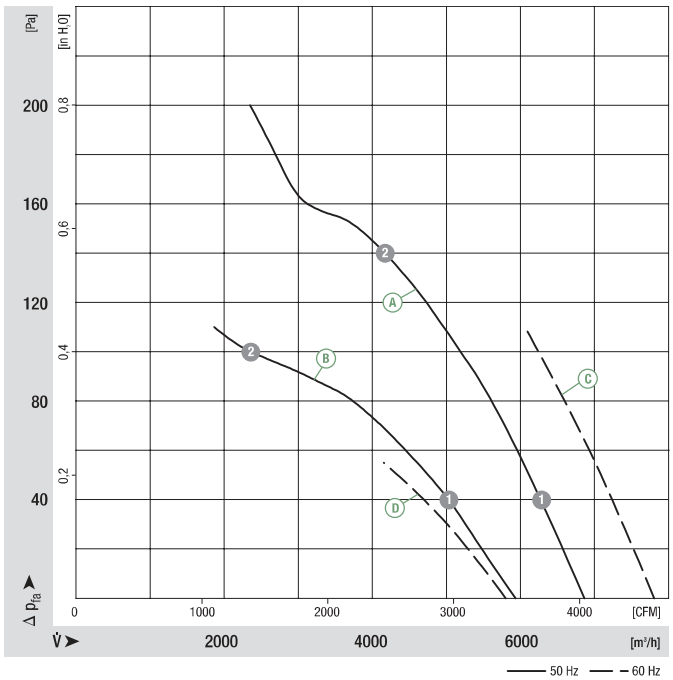
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **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	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**rpm**	**W**	**A**	**µF/VDB**	**Pa**	**°C**	**kg**	p. 416 f.
***4D 450**	M4D 094-HA	Ⓐ	3~ 400 Δ	50	1330	585	1.10	—	200	-40 to +70	7.9	F1b)/F2b)
		Ⓑ	3~ 400 Y	50	1000	390	0.67	—	110	-40 to +70		
		Ⓒ	3~ 400 Δ	60	1540	660	1.16	—	110	-40 to +50	7.9	F1b)/F2b)
		Ⓓ	3~ 400 Y	60	1060	400	0.70	—	55	-40 to +50		
***4E 450**	M4E 094-HA	Ⓔ	1~ 230	50	1350	480	2.10	10.0 /400	125	-40 to +65	7.9	A2b)
			1~ 230	60	1490	665	2.90	10.0 /400	115	-40 to +50		

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



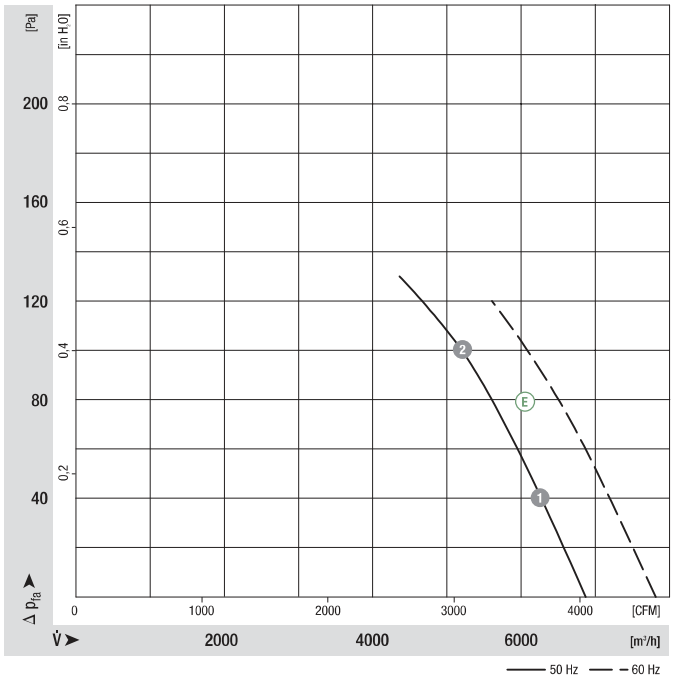
	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓐ 1	1400	392	0.89	72
Ⓐ 2	1370	476	0.98	70
Ⓑ 1	1170	303	0.53	68
Ⓑ 2	1030	375	0.63	66

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Lateral via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE

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" In-line duct fan
"V"	A4D 450-BA14 -01	W4D 450-GA14 -01	S4D 450-HA14 -01	S4D 450-GA14 -01	—
"A"	A4D 450-BA14 -02	W4D 450-GA14 -02	S4D 450-HA14 -02	S4D 450-GA14 -02	—
"V"	A4E 450-BA09 -01	W4E 450-GA09 -01	S4E 450-HA09 -01	S4E 450-GA09 -01	—
"A"	A4E 450-BA09 -02	W4E 450-GA09 -02	S4E 450-HA09 -02	S4E 450-GA09 -02	—

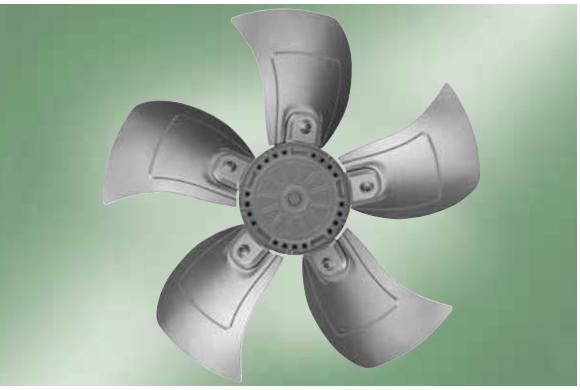
Curves



	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]
Ⓔ ❶	1380	413	2.01	72
Ⓔ ❷	1360	460	2.20	70

AC axial fans

S series, Ø 450



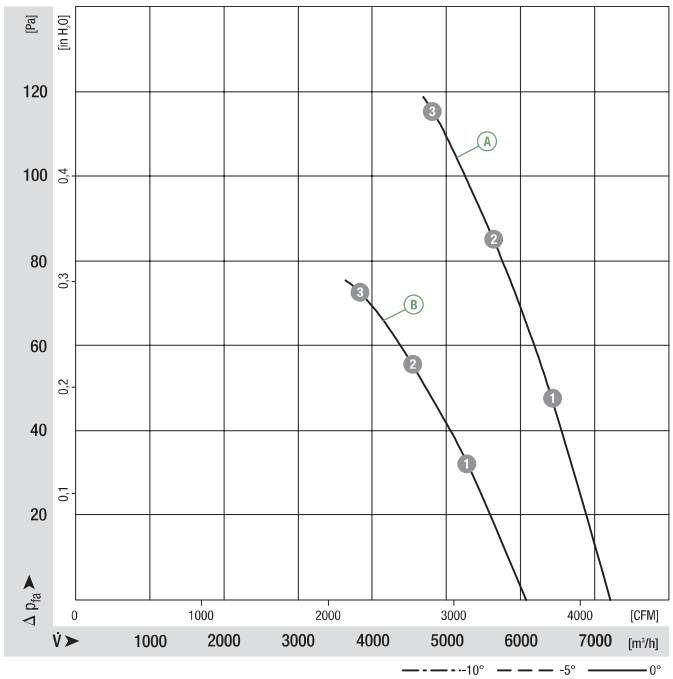
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Mass of in-line duct fan	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**W**	**A**	**µF/VDB**	**Pa**	**°C**	**kg**	p. 416 f.
***4D 450**	M4D 110-EF	0°	Ⓐ Ⓑ	3~ 400 Δ 3~ 400 Y	50 50	1350 1075	490 340	1.00 0.58	— —	115 75	-40 to +95 -40 to +95	14.5	F1b)/F2b)
***4E 450**	M4E 110-EF	0°	Ⓒ	1~ 230	50	1330	500	2.20	10.0 / 400	100	-40 to +80	14.5	A2b)

subject to alterations

(1) Nominal data in operating point with maximum load

Curves



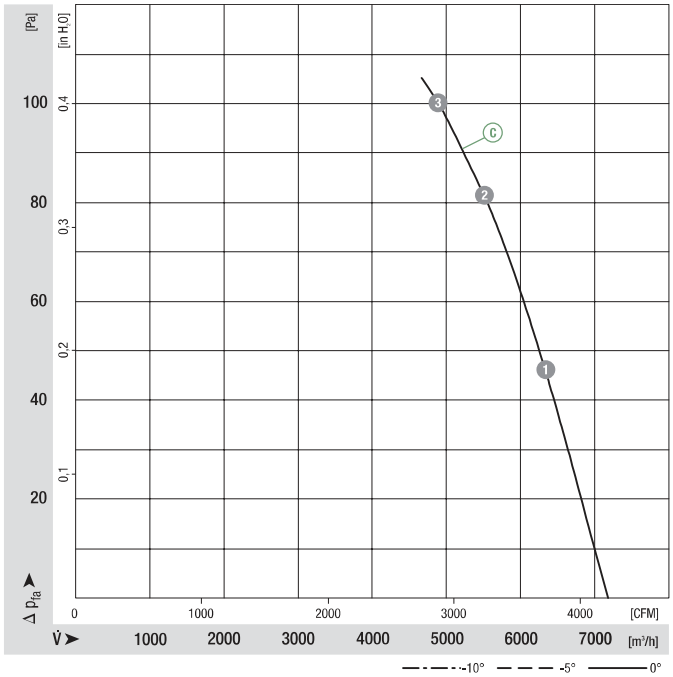
	n [rpm]	P_1 [W]	I [A]	Lw_A [dB(A)]
Ⓐ 1	1370	450	0.97	76
Ⓐ 2	1360	470	0.99	77
Ⓐ 3	1350	490	1.00	79
Ⓑ 1	1120	320	0.56	71
Ⓑ 2	1090	330	0.57	73
Ⓑ 3	1075	340	0.58	75

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

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" In-line duct fan
"V"	—	—	—	—	W4D 450-IG01 -01
"A"	—	—	—	—	—
"V"	—	—	—	—	W4E 450-IG01 -01
"A"	—	—	—	—	—

Curves



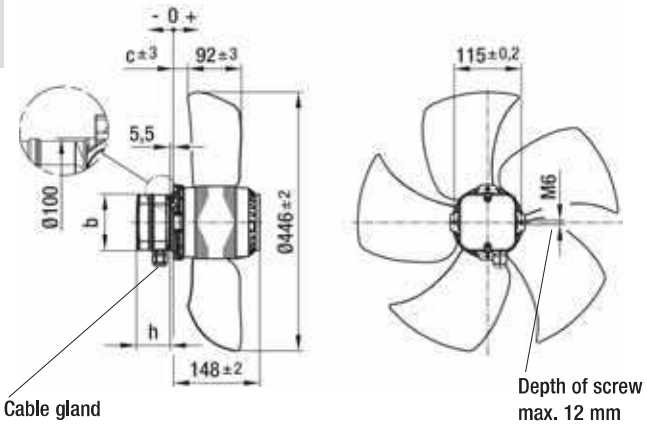
	n [rpm]	P_1 [W]	I [A]	Lw_A [dB(A)]
Ⓒ 1	1360	460	2.00	76
Ⓒ 2	1340	480	2.10	77
Ⓒ 3	1330	500	2.20	78

AC axial fans

S series, Ø 450, drawings of directions of air flow "V" and "A"

Without attachments

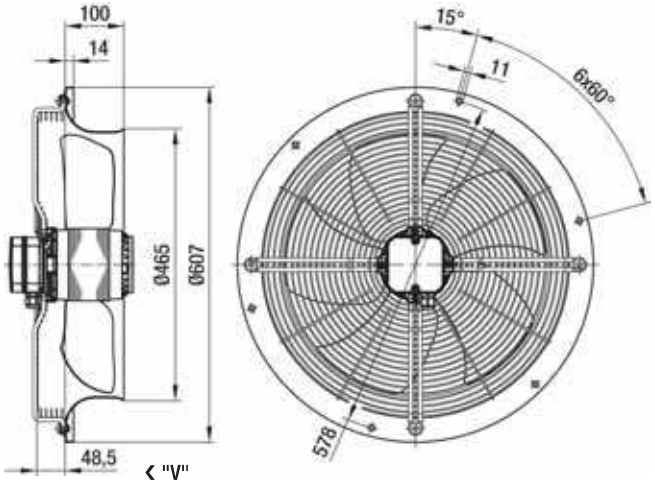
Type		b	c	h
A4D 450-BA14 -01	"V"	Ø 89	35.0	33.5
A4D 450-BA14 -02	"A"	Ø 89	36.7	33.5
A4E 450-BA09 -01	"V"	99x99	35.0	59.5
A4E 450-BA09 -02	"A"	99x99	36.7	59.5



‹ "V"
"A" ›

With full round nozzle

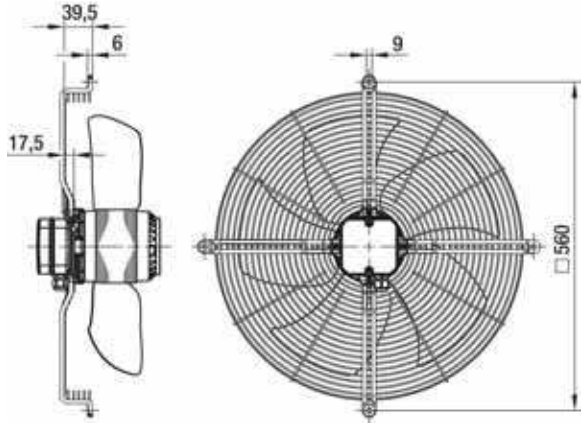
Type	
W4D 450-GA14 -01	"V"
W4D 450-GA14 -02	"A"
W4E 450-GA09 -01	"V"
W4E 450-GA09 -02	"A"



‹ "V"
"A" ›

With guard grille for full nozzle

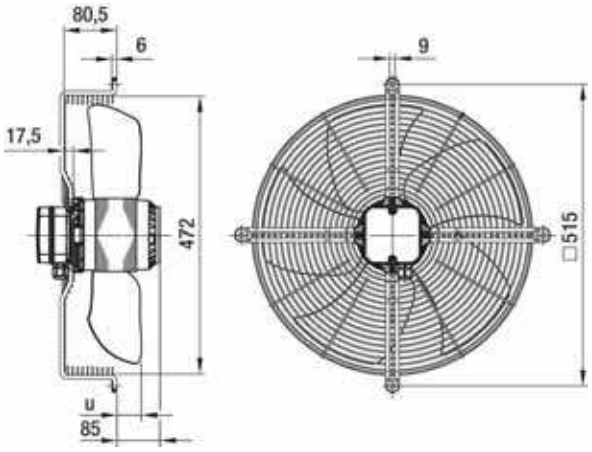
Type	
S4D 450-HA14 -01	"V"
S4D 450-HA14 -02	"A"
S4E 450-HA09 -01	"V"
S4E 450-HA09 -02	"A"



‹ "V"
"A" ›

With guard grille for short nozzle

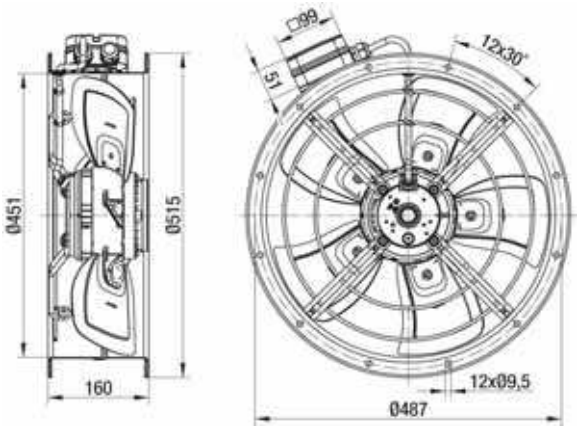
Type		u
S4D 450-GA14 -01	"V"	64.0
S4D 450-GA14 -02	"A"	65.7
S4E 450-GA09 -01	"V"	64.0
S4E 450-GA09 -02	"A"	65.7



‹ "V"
"A" ›

In-line duct fan

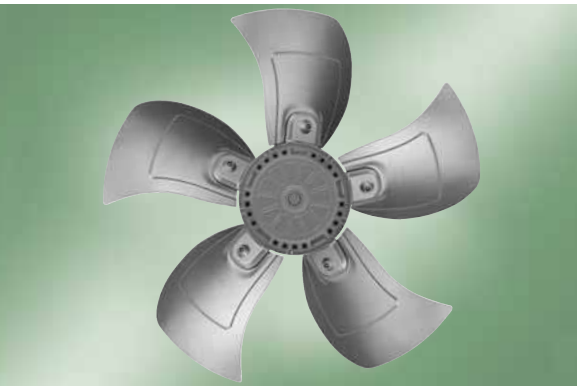
Type	
W4D 450-IG01 -01	"V"
W4E 450-IG01 -01	"V"



‹ "V"

AC axial fans

S series, Ø 500



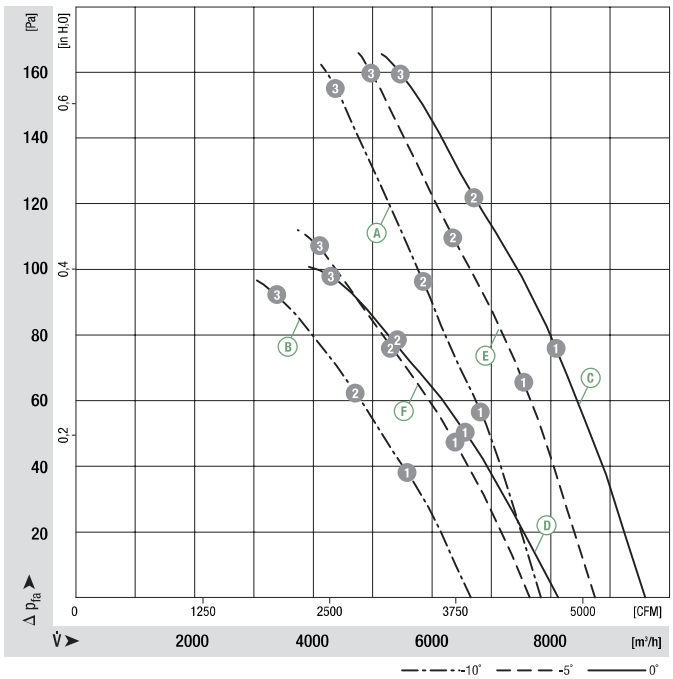
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***4D 500**	M4D 110-EF	-10°	Ⓐ	3~ 400 Δ	50	1310	0.58	1.10	—	155	-40 to +85	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	1010	0.38	0.65	—	95	-40 to +85	
***4D 500**	M4D 110-GF	0°	Ⓒ	3~ 400 Δ	50	1325	0.82	1.59	—	160	-40 to +80	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	1035	0.55	0.95	—	100	-40 to +80	
***4D 500**	M4D 110-GF	-5°	Ⓔ	3~ 400 Δ	50	1360	0.69	1.43	—	160	-40 to +90	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	1110	0.49	0.86	—	105	-40 to +90	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves



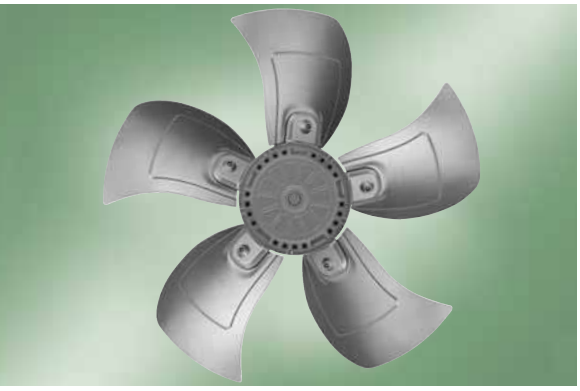
	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1355	0.46	0.97	76
Ⓐ ②	1340	0.50	1.01	78
Ⓐ ③	1310	0.58	1.10	80
Ⓑ ①	1110	0.33	0.56	72
Ⓑ ②	1070	0.34	0.60	73
Ⓑ ③	1010	0.38	0.65	74
Ⓒ ①	1355	0.70	1.39	77
Ⓒ ②	1345	0.75	1.44	78
Ⓒ ③	1325	0.82	1.59	80
Ⓓ ①	1100	0.50	0.84	73
Ⓓ ②	1070	0.52	0.87	72
Ⓓ ③	1035	0.55	0.95	74
Ⓔ ①	1390	0.57	1.23	76
Ⓔ ②	1380	0.62	1.29	77
Ⓔ ③	1360	0.69	1.43	80
Ⓕ ①	1180	0.43	0.72	73
Ⓕ ②	1150	0.46	0.77	73
Ⓕ ③	1110	0.49	0.86	76

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	**With full square nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**In-line duct fan**
"V"	A4D 500-AI01 -01	W4D 500-GI01 -01	S4D 500-CI01 -01	S4D 500-AI01 -01	—	—	—
"A"	A4D 500-AI01 -02	W4D 500-DI01 -02	—	—	S4D 500-BI01 -02	S4D 500-AI01 -02	—
"V"	A4D 500-AD03 -01	W4D 500-GD03 -01	S4D 500-CD03 -01	S4D 500-AD03 -01	—	—	W4D 500-ID03 -01
"A"	A4D 500-AD03 -02	W4D 500-DD03 -02	—	—	S4D 500-BD03 -02	S4D 500-AD03 -02	—
"V"	A4D 500-AE03 -01	W4D 500-GE03 -01	S4D 500-CE03 -01	S4D 500-AE03 -01	—	—	—
"A"	A4D 500-AE03 -02	W4D 500-DE03 -02	—	—	S4D 500-BE03 -02	S4D 500-AE03 -02	—

AC axial fans

S series, Ø 500



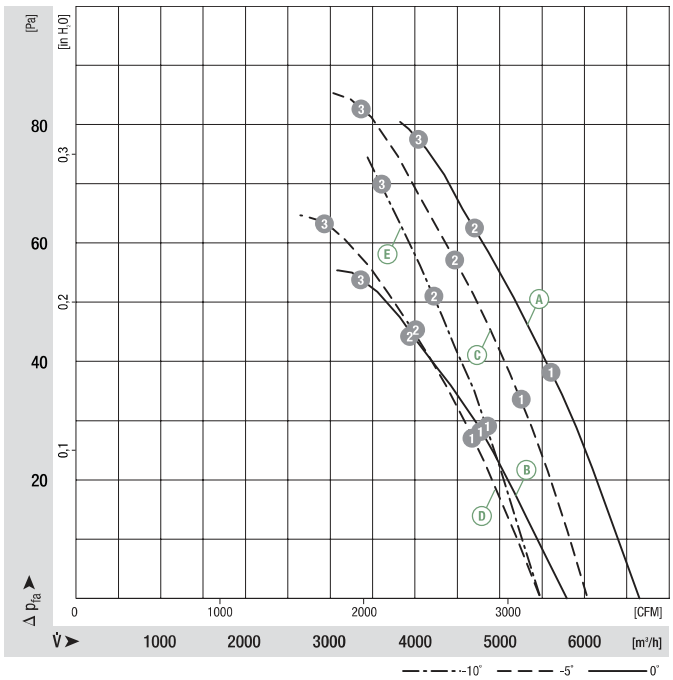
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6D 500**	M6D 110-EF	0°	Ⓐ	3~ 400 Δ	50	920	0.32	0.75	—	75	-40 to +75	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	765	0.23	0.40	—	50	-40 to +75	
***6D 500**	M6D 110-EF	-5°	Ⓒ	3~ 400 Δ	50	945	0.29	0.74	—	80	-40 to +80	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	790	0.20	0.36	—	60	-40 to +80	
***6D 500**	M6D 110-EF	-10°	Ⓔ	3~ 400 Δ	50	950	0.23	0.69	—	65	-40 to +80	F1b)/F2b)
***8D 500**	M8D 110-EF	0°	Ⓖ	3~ 400 Δ	50	700	0.21	0.61	—	45	-40 to +70	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	615	0.12	0.25	—	34	-40 to +70	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	935	0.29	0.75	70
Ⓐ ②	930	0.30	0.76	70
Ⓐ ③	920	0.32	0.75	71
Ⓑ ①	800	0.20	0.36	67
Ⓑ ②	785	0.21	0.37	66
Ⓑ ③	765	0.23	0.40	67
Ⓒ ①	950	0.24	0.71	69
Ⓒ ②	940	0.25	0.72	69
Ⓒ ③	945	0.29	0.74	72
Ⓓ ①	845	0.17	0.31	66
Ⓓ ②	830	0.18	0.33	66
Ⓓ ③	790	0.20	0.36	68
Ⓔ ①	960	0.20	0.68	68
Ⓔ ②	955	0.21	0.68	70
Ⓔ ③	950	0.23	0.69	71

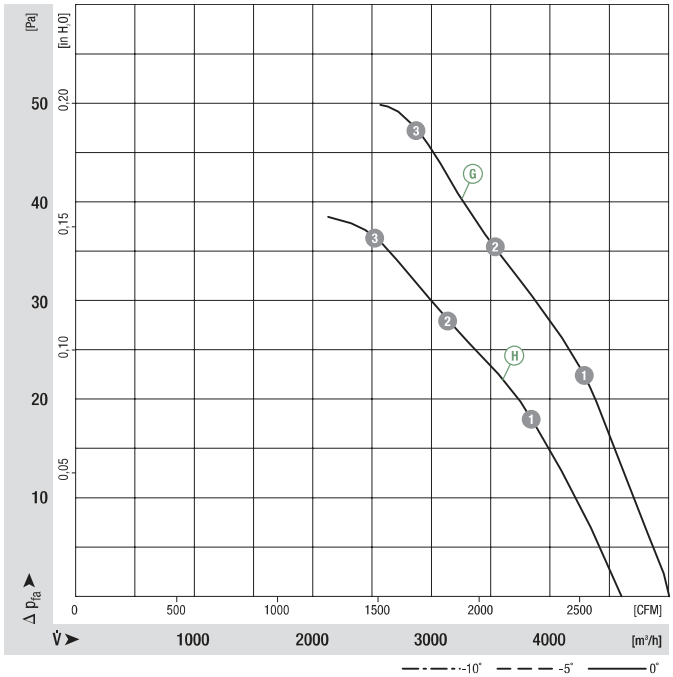
- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow



	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full square nozzle	❮ "V" With guard grille for full nozzle	❮ "V" With guard grille for short nozzle	"A" ❯ With guard grille for full nozzle	"A" ❯ With guard grille for short nozzle	❮ "V" In-line duct fan
"V"	A6D 500-AG03 -01	W6D 500-GG03 -01	S6D 500-CG03 -01	S6D 500-AG03 -01	—	—	—
"A"	A6D 500-AG03 -02	W6D 500-DG03 -02	—	—	S6D 500-BG03 -02	S6D 500-AG03 -02	—
"V"	A6D 500-AH03 -01	W6D 500-GH03 -01	S6D 500-CH03 -01	S6D 500-AH03 -01	—	—	—
"A"	A6D 500-AH03 -02	W6D 500-DH03 -02	—	—	S6D 500-BH03 -02	S6D 500-AH03 -02	—
"V"	A6D 500-AI03 -01	W6D 500-GI03 -01	S6D 500-CI03 -01	S6D 500-AI03 -01	—	—	—
"A"	A6D 500-AI03 -02	W6D 500-DI03 -02	—	—	S6D 500-BI03 -02	S6D 500-AI03 -02	—
"V"	A8D 500-AG01 -01	W8D 500-GG01 -01	S8D 500-CG01 -01	S8D 500-AG01 -01	—	—	—
"A"	A8D 500-AG01 -02	W8D 500-DG01 -02	—	—	S8D 500-BG01 -02	S8D 500-AG01 -02	—

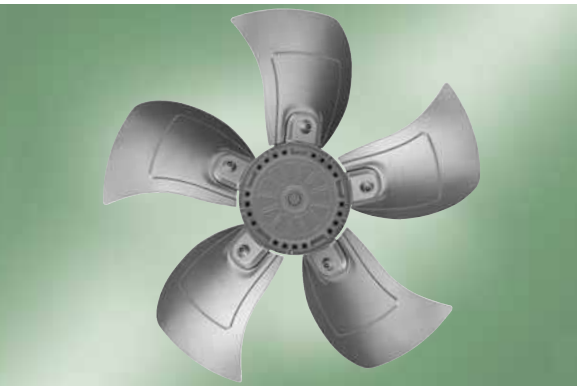
Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
G 1	710	0.19	0.64	64
G 2	710	0.20	0.63	62
G 3	700	0.21	0.61	65
H 1	635	0.11	0.23	61
H 2	630	0.12	0.24	60
H 3	615	0.12	0.25	61

AC axial fans

S series, Ø 500



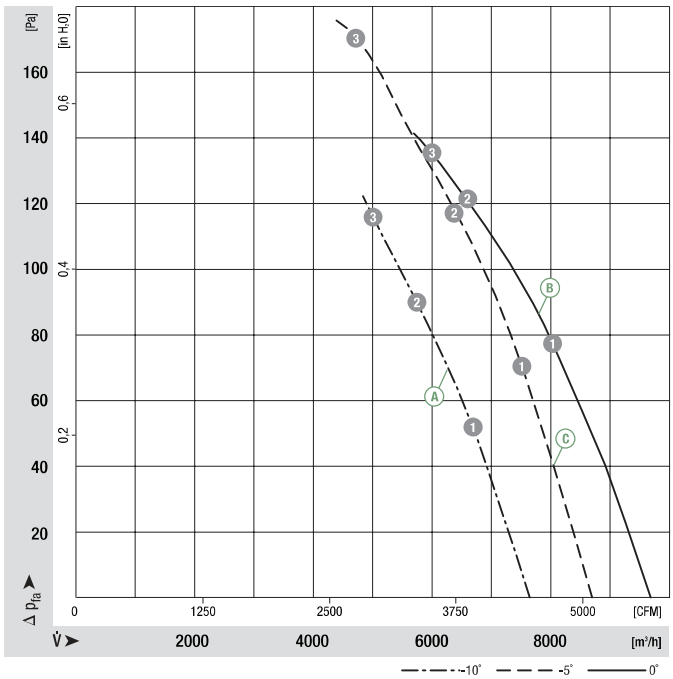
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***4E 500**	M4E 110-EF	-10°	Ⓐ	1~ 230	50	1300	0.53	2.31	10.0/450	115	-40 to +75	A2b)
***4E 500**	M4E 110-GF	0°	Ⓑ	1~ 230	50	1270	0.76	3.33	14.0/400	130	-40 to +60	A2b)
***4E 500**	M4E 110-GF	-5°	Ⓒ	1~ 230	50	1330	0.71	3.10	14.0/450	160	-40 to +70	A2b)

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves



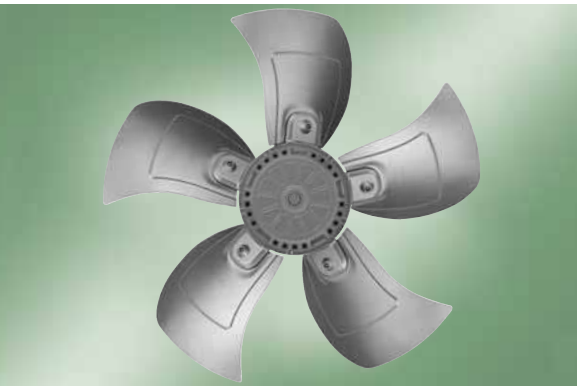
	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1345	0.47	2.06	76
Ⓐ ②	1320	0.51	2.21	77
Ⓐ ③	1300	0.53	2.31	78
Ⓑ ①	1305	0.71	3.13	77
Ⓑ ②	1285	0.75	3.28	77
Ⓑ ③	1270	0.76	3.33	78
Ⓒ ①	1375	0.59	2.59	76
Ⓒ ②	1355	0.64	2.80	77
Ⓒ ③	1330	0.71	3.10	80

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	**With full square nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**In-line duct fan**
"V"	A4E 500-AI01 -01	W4E 500-GI01 -01	S4E 500-CI01 -01	S4E 500-AI01 -01	—	—	—
"A"	A4E 500-AI01 -02	W4E 500-DI01 -02	—	—	S4E 500-BI01 -02	S4E 500-AI01 -02	—
"V"	A4E 500-AD03 -01	W4E 500-GD03 -01	S4E 500-CD03 -01	S4E 500-AD03 -01	—	—	W4E 500-ID03 -01
"A"	A4E 500-AD03 -02	W4E 500-DD03 -02	—	—	S4E 500-BD03 -02	S4E 500-AD03 -02	—
"V"	A4E 500-AE03 -01	W4E 500-GE03 -01	S4E 500-CE03 -01	S4E 500-AE03 -01	—	—	—
"A"	A4E 500-AE03 -02	W4E 500-DE03 -02	—	—	S4E 500-BE03 -02	S4E 500-AE03 -02	—

AC axial fans

S series, Ø 500



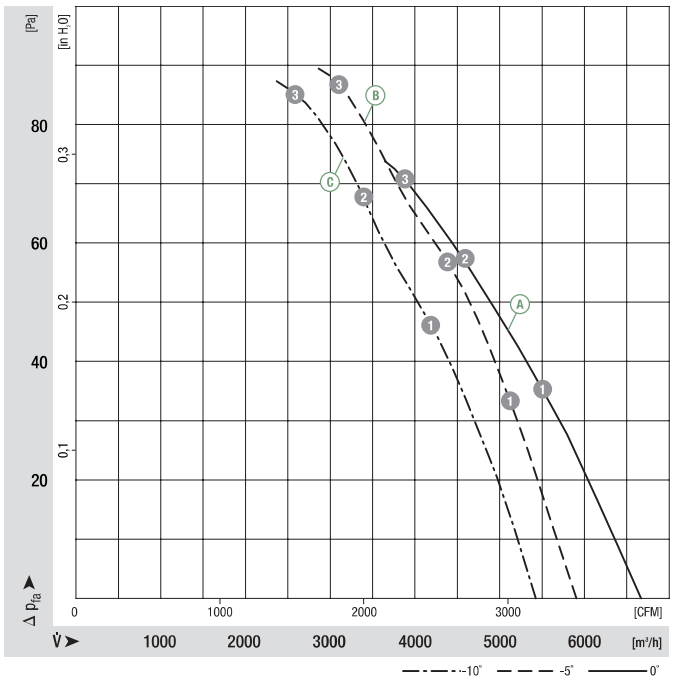
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6E 500**	M6E 110-EF	0°	Ⓐ	1~ 230	50	890	0.30	1.32	8.0/400	70	-40 to +80	A2b)
***6E 500**	M6E 110-EF	-5°	Ⓑ	1~ 230	50	910	0.27	1.19	8.0/450	80	-40 to +85	A2b)
***6E 500**	M6E 110-EF	-10°	Ⓒ	1~ 230	50	930	0.25	1.10	8.0/450	85	-40 to +85	A2b)
***8E 500**	M8E 110-EF	0°	Ⓓ	1~ 230	50	690	0.19	1.11	4.0/450	40	-40 to +80	A2b)

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

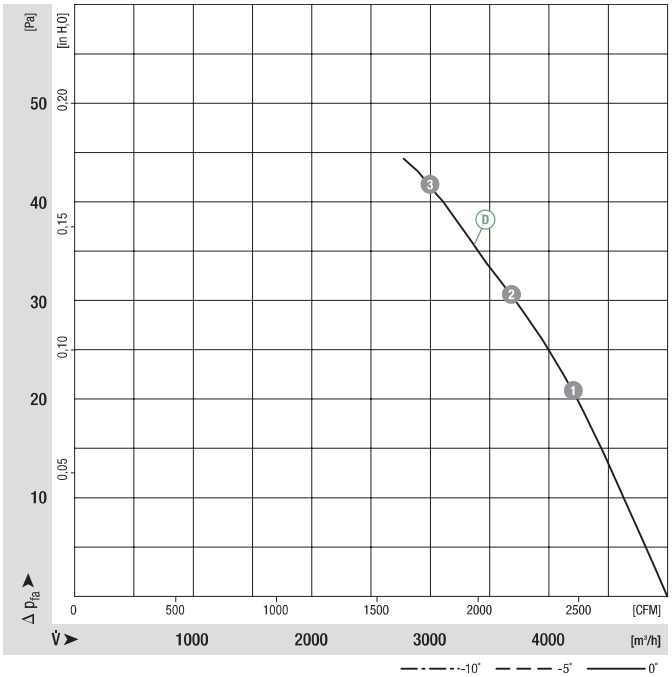


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	910	0.28	1.20	71
Ⓐ ②	900	0.29	1.25	69
Ⓐ ③	890	0.30	1.32	70
Ⓑ ①	935	0.24	1.04	69
Ⓑ ②	925	0.25	1.09	69
Ⓑ ③	910	0.27	1.19	72
Ⓒ ①	945	0.23	0.99	69
Ⓒ ②	940	0.24	1.04	71
Ⓒ ③	930	0.25	1.10	74

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	With full square nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	In-line duct fan
"V"	A6E 500-AG03 -01	W6E 500-GG03 -01	S6E 500-CG03 -01	S6E 500-AG03 -01	—	—	W6E 500-IG03 -01
"A"	A6E 500-AG03 -02	W6E 500-DG03 -02	—	—	S6E 500-BG03 -02	S6E 500-AG03 -02	—
"V"	A6E 500-AH03 -01	W6E 500-GH03 -01	S6E 500-CH03 -01	S6E 500-AH03 -01	—	—	—
"A"	A6E 500-AH03 -02	W6E 500-DH03 -02	—	—	S6E 500-BH03 -02	S6E 500-AH03 -02	—
"V"	A6E 500-AI03 -01	W6E 500-GI03 -01	S6E 500-CI03 -01	S6E 500-AI03 -01	—	—	—
"A"	A6E 500-AI03 -02	W6E 500-DI03 -02	—	—	S6E 500-BI03 -02	S6E 500-AI03 -02	—
"V"	A8E 500-AG01 -01	W8E 500-GG01 -01	S8E 500-CG01 -01	S8E 500-AG01 -01	—	—	—
"A"	A8E 500-AG01 -02	W8E 500-DG01 -02	—	—	S8E 500-BG01 -02	S8E 500-AG01 -02	—

Curves

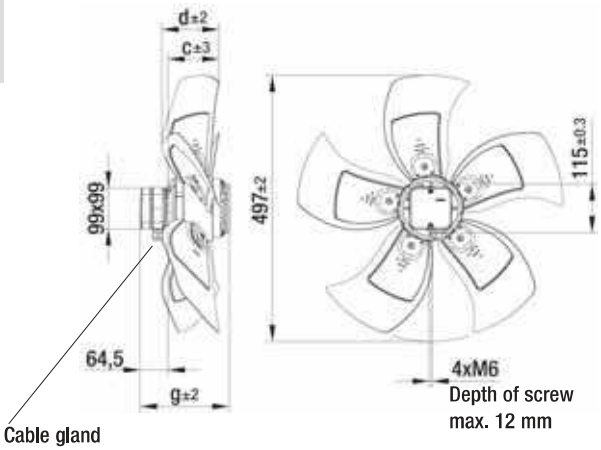


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓓ 1	695	0.18	1.09	64
Ⓓ 2	695	0.19	1.10	63
Ⓓ 3	690	0.19	1.11	63

AC axial fans

S series, Ø 500, drawings for direction of air flow "V"

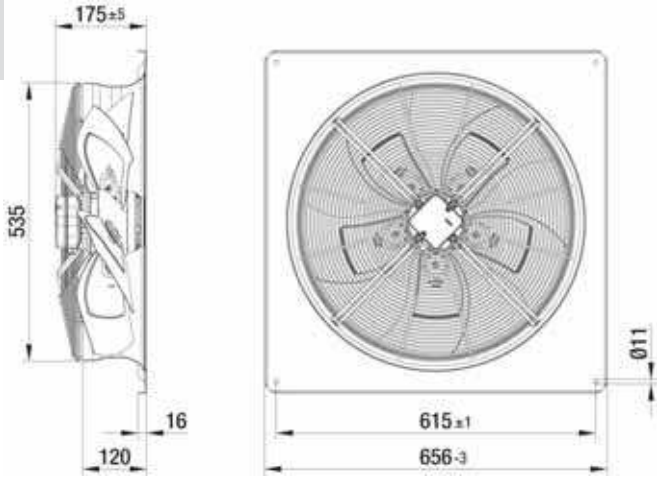
Without attachments



‹ "V"

Type	Mass [kg]	c	d	g
A4D 500-AI01 -01	8.8	92.0	78.0	188.5
A4D 500-AD03 -01	11.0	104.0	101.0	208.5
A4D 500-AE03 -01	11.0	98.0	89.0	208.5
A6D 500-AG03 -01	8.8	104.0	101.0	188.5
A6D 500-AH03 -01	8.8	98.0	89.0	188.5
A6D 500-AI03 -01	8.8	92.0	78.0	188.5
A8D 500-AG01 -01	8.8	104.0	101.0	188.5
A4E 500-AI01 -01	8.8	92.0	78.0	188.5
A4E 500-AD03 -01	11.0	104.0	101.0	208.5
A4E 500-AE03 -01	11.0	98.0	89.0	208.5
A6E 500-AG03 -01	8.8	104.0	101.0	188.5
A6E 500-AH03 -01	8.8	98.0	89.0	188.5
A6E 500-AI03 -01	8.8	92.0	78.0	188.5
A8E 500-AG01 -01	8.8	104.0	101.0	188.5

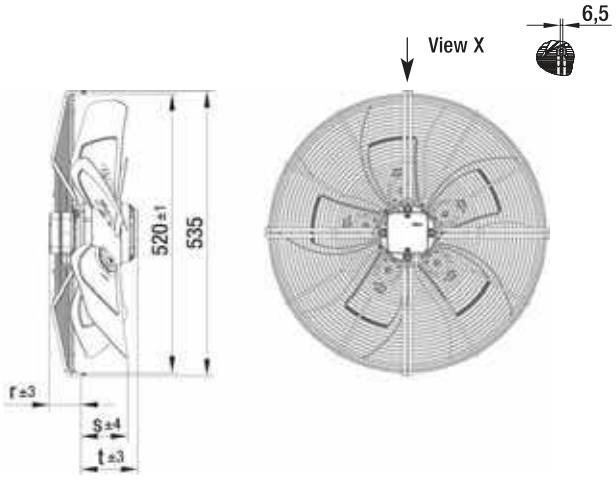
With full square nozzle



‹ "V"

Type	Mass [kg]
W4D 500-GI01 -01	18.6
W4D 500-GD03 -01	21.0
W4D 500-GE03 -01	21.0
W6D 500-GG03 -01	18.6
W6D 500-GH03 -01	18.6
W6D 500-GI03 -01	18.6
W8D 500-GG01 -01	18.6
W4E 500-GI01 -01	18.6
W4E 500-GD03 -01	21.0
W4E 500-GE03 -01	21.0
W6E 500-GG03 -01	18.6
W6E 500-GH03 -01	18.6
W6E 500-GI03 -01	18.6
W8E 500-GG01 -01	18.6

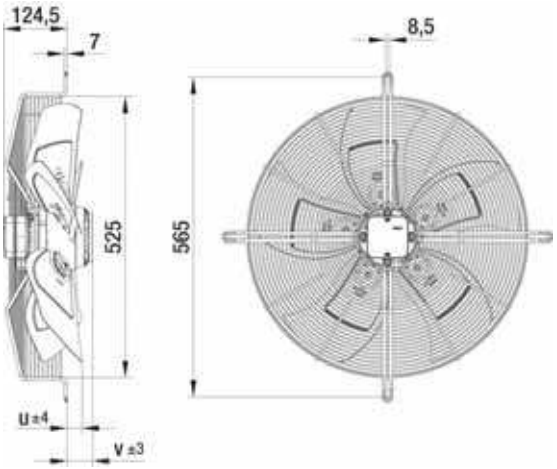
With guard grille for full nozzle



‹ "V"

Type	Mass [kg]	r	s	t
S4D 500-CI01 -01	12.6	63.5	91.0	123.0
S4D 500-CD03 -01	14.8	65.5	103.0	143.0
S4D 500-CE03 -01	14.8	65.5	97.0	143.0
S6D 500-CG03 -01	12.6	65.5	103.0	123.0
S6D 500-CH03 -01	12.6	65.5	97.0	123.0
S6D 500-CI03 -01	12.6	63.5	97.0	123.0
S8D 500-CG01 -01	12.6	63.5	103.0	123.0
S4E 500-CI01 -01	12.6	63.5	91.0	123.0
S4E 500-CD03 -01	14.8	65.5	103.0	143.0
S4E 500-CE03 -01	14.8	65.5	97.0	143.0
S6E 500-CG03 -01	12.6	63.5	103.0	123.0
S6E 500-CH03 -01	12.6	63.5	97.0	123.0
S6E 500-CI03 -01	12.6	63.5	97.0	123.0
S8E 500-CG01 -01	12.6	63.5	103.0	123.0

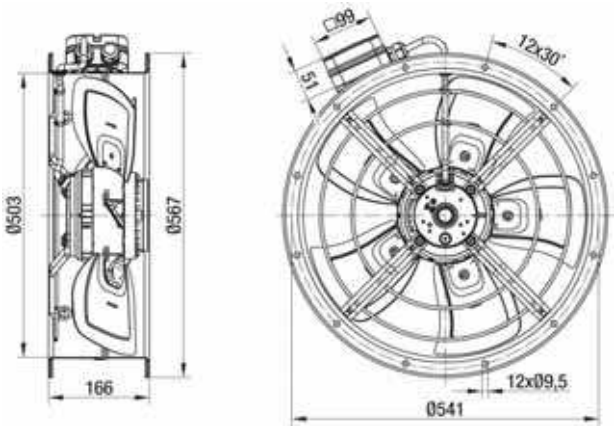
With guard grille for short nozzle



‹ "V"

Type	Mass [kg]	u	v
S4D 500-AI01 -01	13.3	32.0	64.0
S4D 500-AD03 -01	15.5	44.0	84.0
S4D 500-AE03 -01	15.5	38.0	84.0
S6D 500-AG03 -01	13.3	44.0	64.0
S6D 500-AH03 -01	13.3	38.0	64.0
S6D 500-AI03 -01	13.3	32.0	64.0
S8D 500-AG01 -01	13.3	44.0	64.0
S4E 500-AI01 -01	13.3	32.0	64.0
S4E 500-AD03 -01	15.5	44.0	84.0
S4E 500-AE03 -01	15.5	38.0	84.0
S6E 500-AG03 -01	13.3	44.0	64.0
S6E 500-AH03 -01	13.3	38.0	64.0
S6E 500-AI03 -01	13.3	32.0	64.0
S8E 500-AG01 -01	13.3	44.0	64.0

In-line duct fan



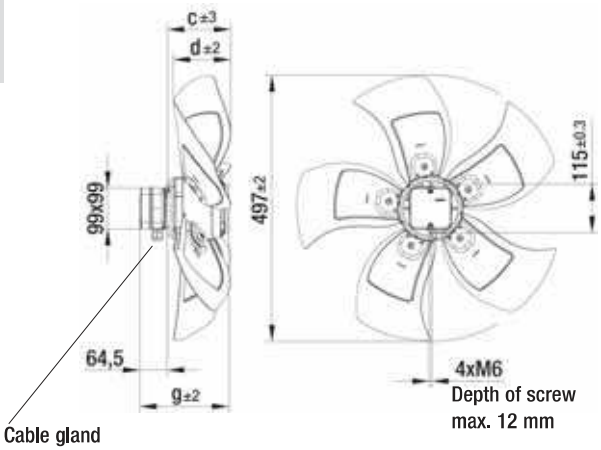
‹ "V"

Type	Mass [kg]
W4D 500-ID03 -01	16.8
W4E 500-ID03 -01	16.8
W6E 500-IG03 -01	14.8

AC axial fans

S series, Ø 500, drawings for direction of air flow "A"

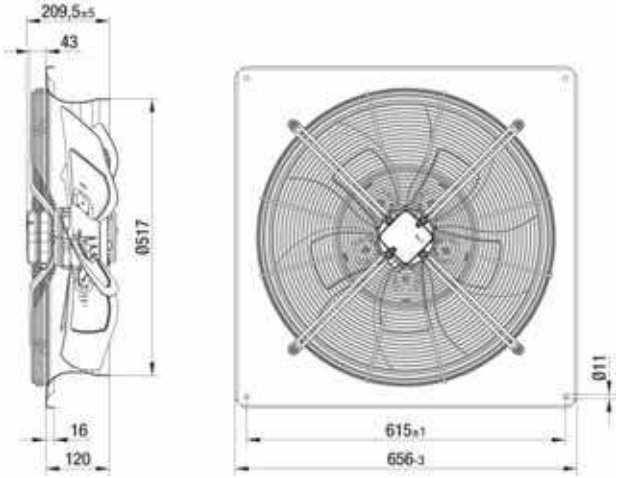
Without attachments



"A" ›

Type	Mass [kg]	c	d	g
A4D 500-AI01 -02	8.8	95.0	78.0	188.5
A4D 500-AD03 -02	11.0	131.0	101.0	208.5
A4D 500-AE03 -02	11.0	126.0	89.0	208.5
A6D 500-AG03 -02	8.8	131.0	101.0	188.5
A6D 500-AH03 -02	8.8	126.0	89.0	188.5
A6D 500-AI03 -02	8.8	120.0	78.0	188.5
A8D 500-AG01 -02	8.8	131.0	101.0	188.5
A4E 500-AI01 -02	8.8	120.0	78.0	188.5
A4E 500-AD03 -02	11.0	131.0	101.0	208.5
A4E 500-AE03 -02	11.0	126.0	89.0	208.5
A6E 500-AG03 -02	8.8	131.0	101.0	188.5
A6E 500-AH03 -02	8.8	126.0	89.0	188.5
A6E 500-AI03 -02	8.8	120.0	78.0	188.5
A8E 500-AG01 -02	8.8	131.0	101.0	188.5

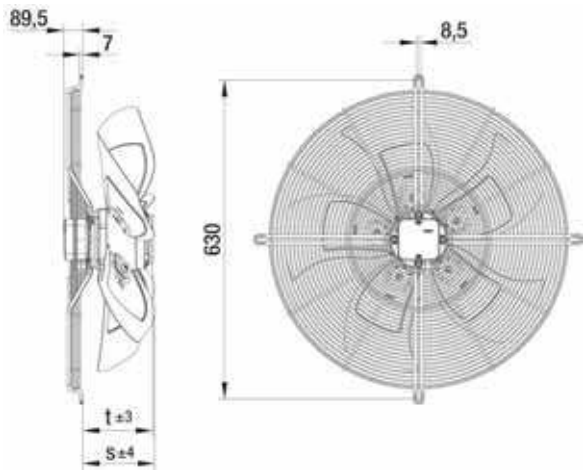
With full square nozzle



"A" ›

Type	Mass [kg]
W4D 500-DI01 -02	18.8
W4D 500-DD03 -02	21.0
W4D 500-DE03 -02	21.0
W6D 500-DG03 -02	18.8
W6D 500-DH03 -02	18.8
W6D 500-DI03 -02	18.8
W8D 500-DG01 -02	18.8
W4E 500-DI01 -02	18.8
W4E 500-DD03 -02	21.0
W4E 500-DE03 -02	21.0
W6E 500-DG03 -02	18.8
W6E 500-DH03 -02	18.8
W6E 500-DI03 -02	18.8
W8E 500-DG01 -02	18.8

With guard grille for full nozzle

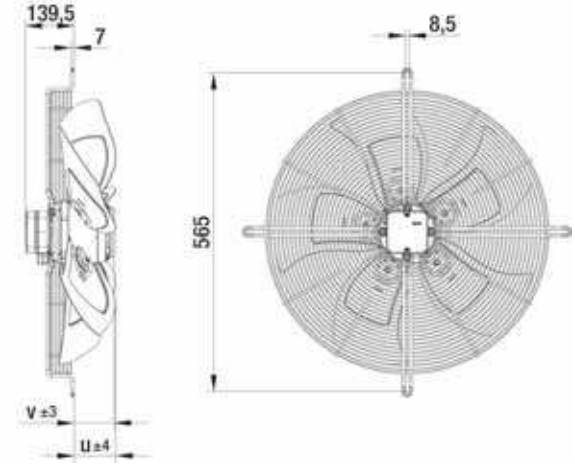


"A" ›

Type	Mass [kg]	s	t
S4D 500-BI01 -02	12.6	95.0	99.0
S4D 500-BD03 -02	14.8	119.0	106.0
S4D 500-BE03 -02	14.8	119.0	101.0
S6D 500-BG03 -02	12.6	99.0	106.0
S6D 500-BH03 -02	12.6	99.0	101.0
S6D 500-BI03 -02	12.6	95.0	99.0
S8D 500-BG01 -02	12.6	106.0	99.0
S4E 500-BI01 -02	12.6	95.0	99.0
S4E 500-BD03 -02	14.8	119.0	106.0
S4E 500-BE03 -02	14.8	119.0	101.0
S6E 500-BG03 -02	12.6	106.0	99.0
S6E 500-BH03 -02	12.6	101.0	99.0
S6E 500-BI03 -02	12.6	95.0	99.0
S8E 500-BG01 -02	12.6	106.0	99.0



With guard grille for short nozzle

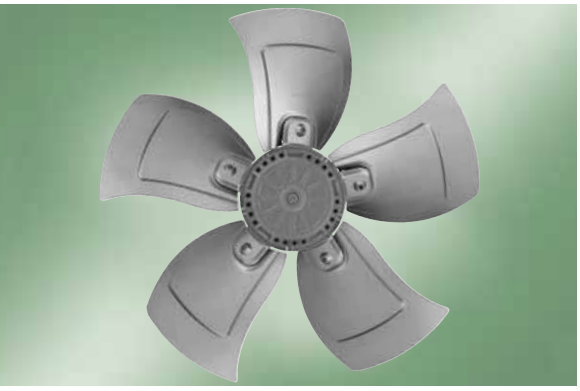


"A" ›

Type	Mass [kg]	u	v
S4D 500-AI01 -02	12.3	45.0	49.0
S4D 500-AD03 -02	14.5	56.0	69.0
S4D 500-AE03 -02	14.5	51.0	69.0
S6D 500-AG03 -02	12.3	56.0	49.0
S6D 500-AH03 -02	12.3	51.0	49.0
S6D 500-AI03 -02	12.3	45.0	49.0
S8D 500-AG01 -02	12.3	56.0	49.0
S4E 500-AI01 -02	12.3	45.0	49.0
S4E 500-AD03 -02	14.5	56.0	69.0
S4E 500-AE03 -02	14.5	51.0	69.0
S6E 500-AG03 -02	12.3	56.0	49.0
S6E 500-AH03 -02	12.3	51.0	49.0
S6E 500-AI03 -02	12.3	45.0	49.0
S8E 500-AG01 -02	12.3	56.0	49.0

AC axial fans

S series, Ø 560



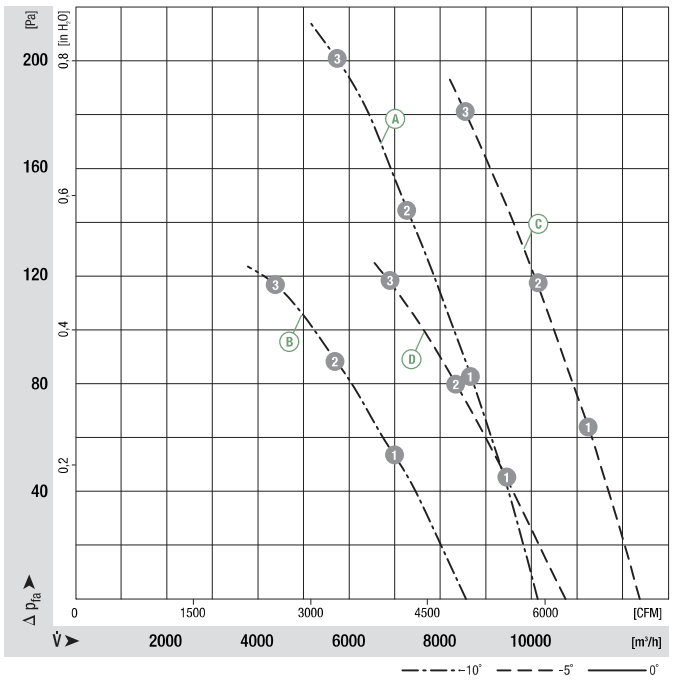
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***4D 560**	M4D110-GF	-10°	Ⓐ	3~ 400 Δ	50	1305	0.93	1.78	—	195	-40 to +65	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	995	0.60	1.05	—	110	-40 to +65	
***4D 560**	M4D110-IA	-5°	Ⓒ	3~ 400 Δ	50	1355	1.17	2.53	—	170	-40 to +60	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	1080	0.80	1.45	—	113	-40 to +60	
***6D 560**	M6D110-EF	0°	Ⓔ	3~ 400 Δ	50	860	0.50	0.95	—	80	-40 to +55	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	615	0.30	0.52	—	40	-40 to +55	
***6D 560**	M6D110-EF	-5°	Ⓖ	3~ 400 Δ	50	890	0.43	0.90	—	90	-40 to +70	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	660	0.28	0.48	—	50	-40 to +70	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

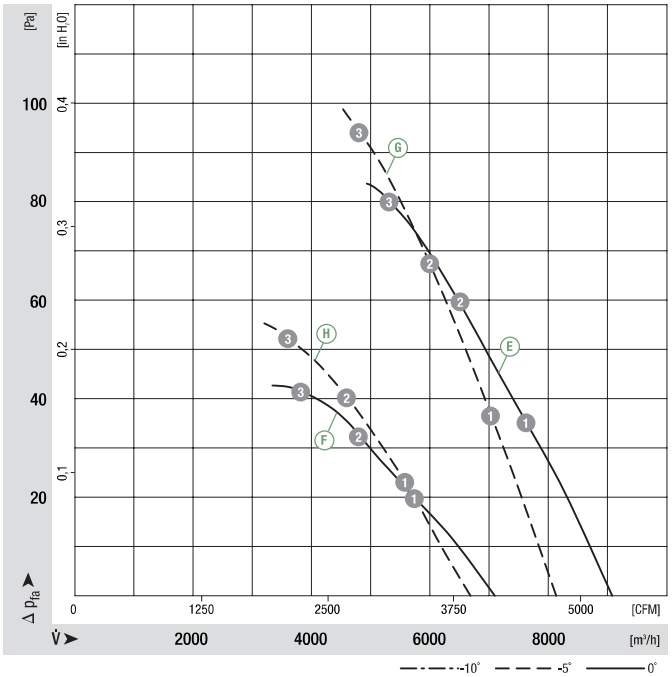


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1350	0.76	1.50	79
Ⓐ ②	1330	0.84	1.60	79
Ⓐ ③	1305	0.93	1.78	80
Ⓑ ①	1085	0.53	0.89	76
Ⓑ ②	1040	0.56	0.95	75
Ⓑ ③	995	0.60	1.05	75
Ⓒ ①	1385	0.99	2.33	80
Ⓒ ②	1370	1.07	2.45	80
Ⓒ ③	1355	1.17	2.53	81
Ⓓ ①	1155	0.72	1.28	77
Ⓓ ②	1125	0.76	1.35	76
Ⓓ ③	1080	0.80	1.45	77

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	With full square nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	In-line duct fan
"V"	A4D 560-AF03 -01	W4D 560-GF03 -01	S4D 560-CF03 -01	S4D 560-AF03 -01	—	—	—
"A"	A4D 560-AF03 -02	W4D 560-DF03 -02	—	—	S4D 560-BF03 -02	S4D 560-AF03 -02	—
"V"	A4D 560-AB01 -01	W4D 560-GB01 -01	S4D 560-CB01 -01	S4D 560-AB01 -01	—	—	W4D 560-IB01 -01
"A"	A4D 560-AB01 -02	W4D 560-DB01 -02	—	—	S4D 560-BB01 -02	S4D 560-AB01 -02	—
"V"	A6D 560-AG03 -01	W6D 560-GG03 -01	S6D 560-CG03 -01	S6D 560-AG03 -01	—	—	W6D 560-IG03 -01
"A"	A6D 560-AG03 -02	W6D 560-DG03 -02	—	—	S6D 560-BG03 -02	S6D 560-AG03 -02	—
"V"	A6D 560-AH03 -01	W6D 560-GH03 -01	S6D 560-CH03 -01	S6D 560-AH03 -01	—	—	—
"A"	A6D 560-AH03 -02	W6D 560-DH03 -02	—	—	S6D 560-BH03 -02	S6D 560-AH03 -02	—

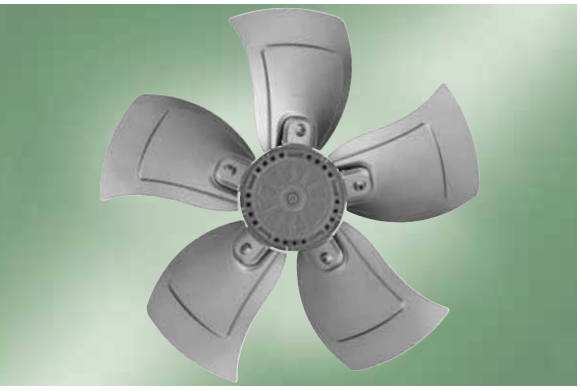
Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
E 1	885	0.43	0.87	73
E 2	875	0.46	0.89	73
E 3	860	0.50	0.95	74
F 1	670	0.28	0.49	66
F 2	645	0.29	0.50	66
F 3	615	0.30	0.52	66
G 1	915	0.36	0.78	71
G 2	900	0.39	0.81	71
G 3	890	0.43	0.90	71
H 1	720	0.25	0.40	66
H 2	695	0.26	0.42	65
H 3	660	0.28	0.48	64

AC axial fans

S series, Ø 560



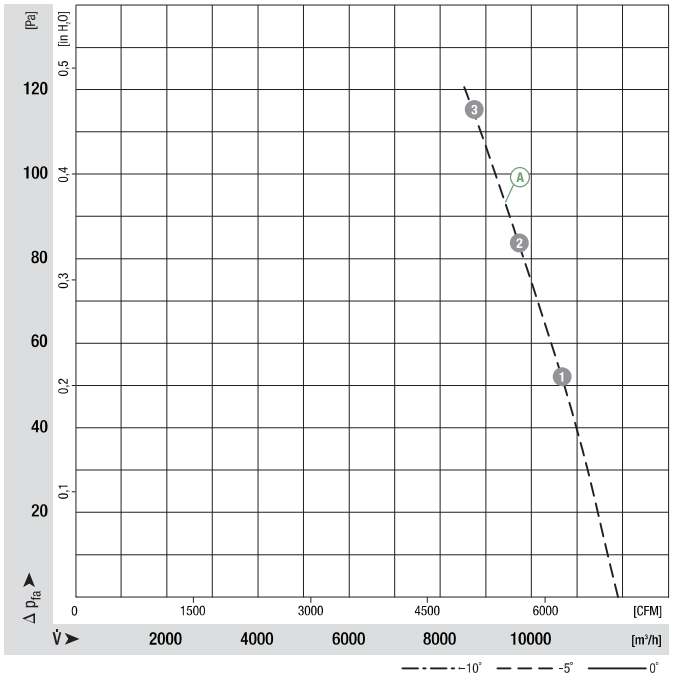
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***4E 560**	M4E 110-IA	-5°	Ⓐ	1~ 230	50	1300	1.05	4.60	20.0/400	110	-40 to +60	A2b)
***6E 560**	M6E 110-GF	-5°	Ⓑ	1~ 230	50	910	0.43	1.95	10.0/450	90	-40 to +70	A2b)

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

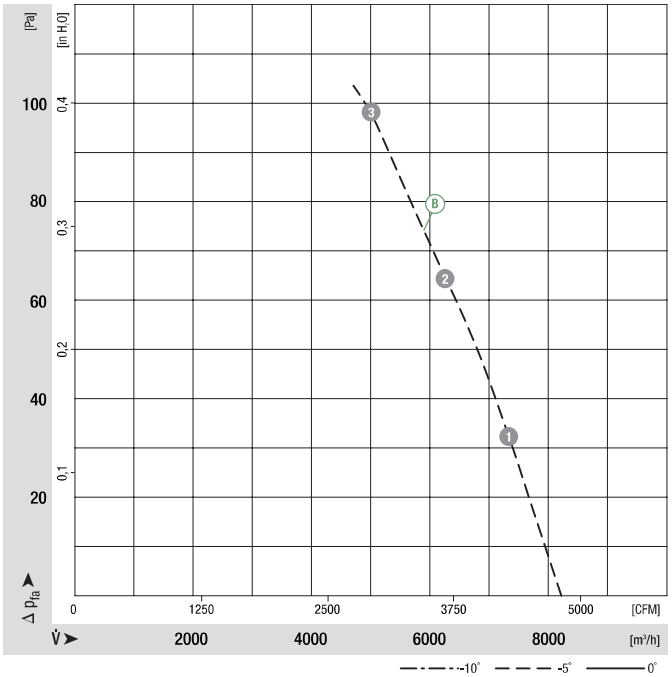


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1330	0.97	4.21	79
Ⓐ ②	1310	1.01	4.39	79
Ⓐ ③	1300	1.05	4.60	79

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	**With full square nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**In-line duct fan**
"V"	A4E 560-AB01 -01	W4E 560-GB01 -01	S4E 560-CB01 -01	S4E 560-AB01 -01	—	—	W4E 560-IB01 -01
"A"	A4E 560-AB01 -02	W4E 560-DB01 -02	—	—	S4E 560-BB01 -02	S4E 560-AB01 -02	—
"V"	A6E 560-AE01 -01	W6E 560-GE01 -01	S6E 560-CE01 -01	S6E 560-AE01 -01	—	—	—
"A"	A6E 560-AE01 -02	W6E 560-DE01 -02	—	—	S6E 560-BE01 -02	S6E 560-AE01 -02	—

Curves

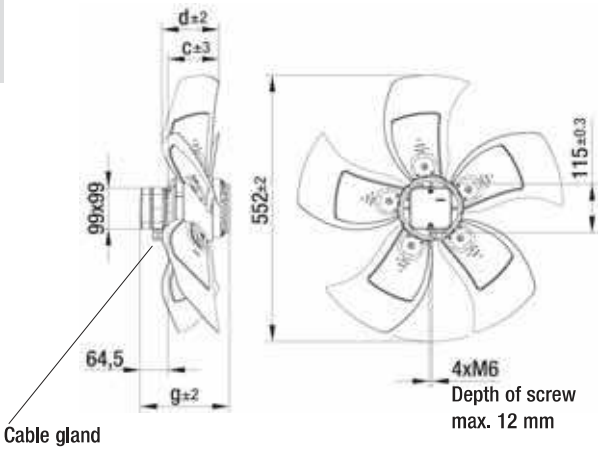


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓑ 1	935	0.37	1.65	73
Ⓑ 2	925	0.39	1.80	72
Ⓑ 3	910	0.43	1.95	72

AC axial fans

S series, Ø 560, drawings for direction of air flow "V"

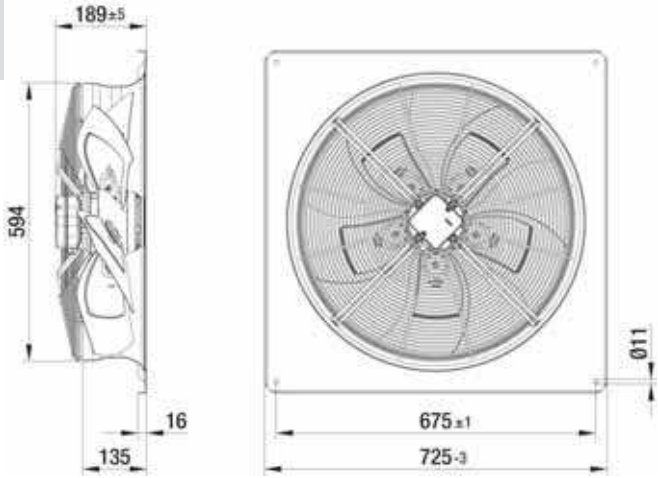
Without attachments



‹ "V"

Type	Mass [kg]	c	d	g
A4D 560-AF03 -01	11.5	95.0	96.0	208.5
A4D 560-AB01 -01	13.5	105.0	113.0	223.5
A6D 560-AG03 -01	9.0	114.0	129.0	188.5
A6D 560-AH03 -01	9.0	105.0	113.0	188.5
A4E 560-AB01 -01	13.5	105.0	113.0	223.5
A6E 560-AE01 -01	11.5	105.0	113.0	208.5

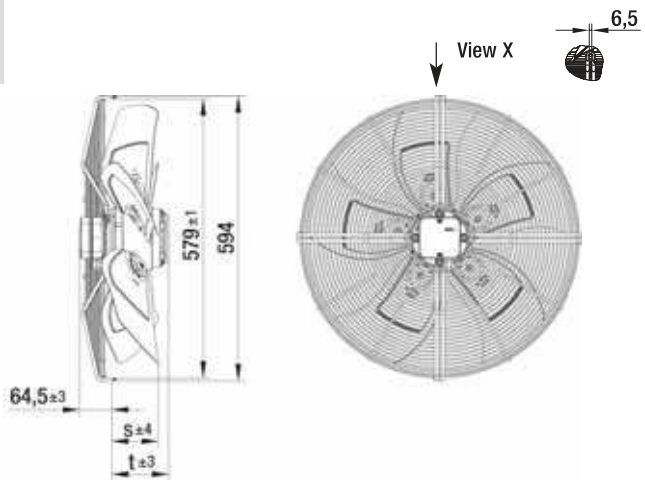
With full square nozzle



‹ "V"

Type	Mass [kg]
W4D 560-GF03 -01	20.0
W4D 560-GB01 -01	21.5
W6D 560-GG03 -01	18.0
W6D 560-GH03 -01	18.0
W4E 560-GB01 -01	21.5
W6E 560-GE01 -01	20.0

With guard grille for full nozzle

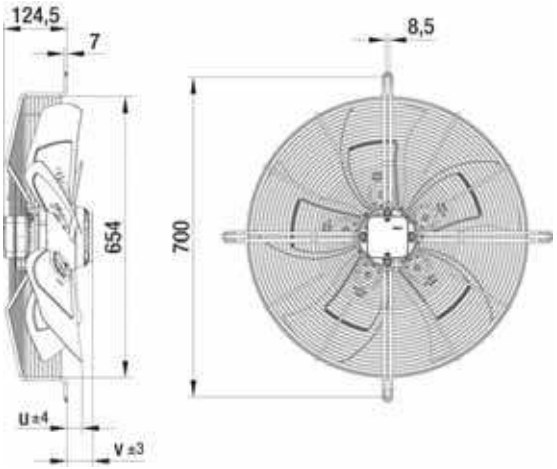


‹ "V"

Type	Mass [kg]	s	t
S4D 560-CF03 -01	14.0	95.0	144.0
S4D 560-CB01 -01	15.5	105.0	159.0
S6D 560-CG03 -01	12.0	114.0	124.0
S6D 560-CH03 -01	12.0	105.0	124.0
S4E 560-CB01 -01	15.5	105.0	159.0
S6E 560-CE01 -01	14.0	105.0	144.0

With guard grille for short nozzle

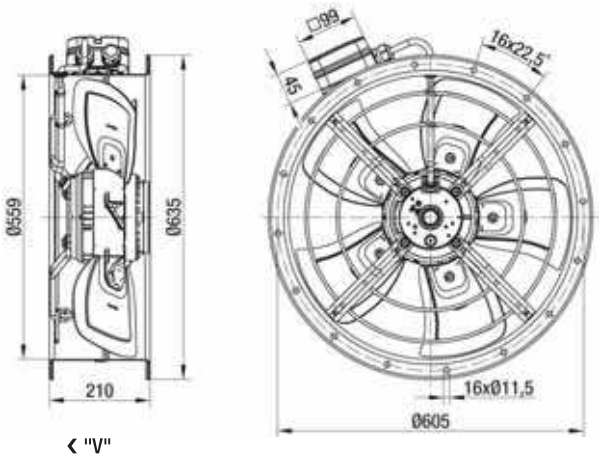
Type	Mass [kg]	u	v
S4D 560-AF03 -01	15.5	35.0	84.0
S4D 560-AB01 -01	17.0	45.0	99.0
S6D 560-AG03 -01	13.5	54.0	64.0
S6D 560-AH03 -01	13.5	45.0	64.0
S4E 560-AB01 -01	17.0	45.0	99.0
S6E 560-AE01 -01	15.5	45.0	84.0



‹ "V"

In-line duct fan

Type	Mass [kg]
W4D 560-IB01 -01	20.9
W6D 560-IG03 -01	16.4
W4E 560-IB01 -01	20.9

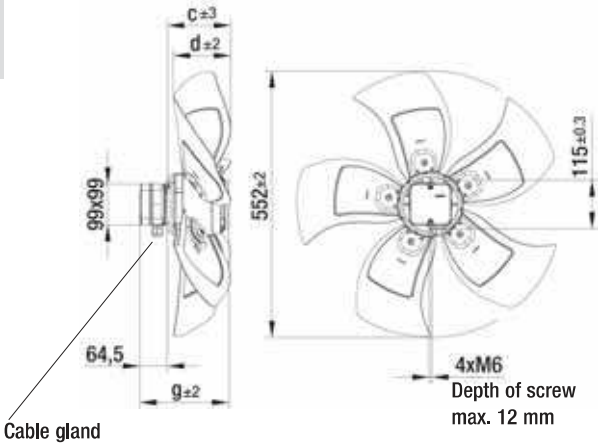


‹ "V"

AC axial fans

S series, Ø 560, drawings for direction of air flow "A"

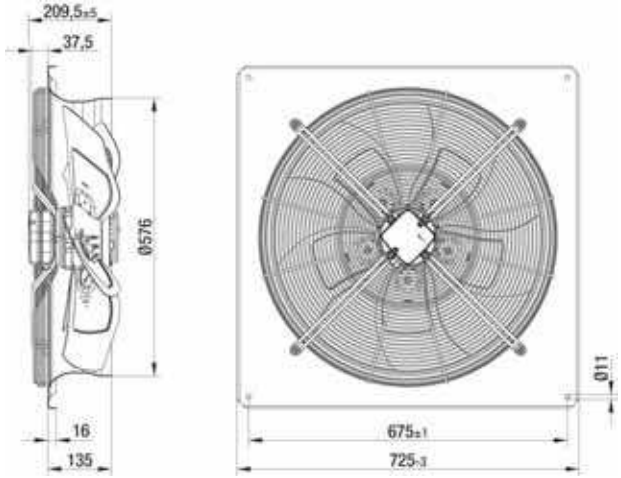
Without attachments



"A" ›

Type	Mass [kg]	c	d	g
A4D 560-AF03 -02	11.5	134.0	96.0	208.5
A4D 560-AB01 -02	13.5	142.0	113.0	223.5
A6D 560-AG03 -02	9.0	149.0	129.0	188.5
A6D 560-AH03 -02	9.0	142.0	113.0	188.5
A4E 560-AB01 -02	13.5	142.0	113.0	223.5
A6E 560-AE01 -02	11.5	142.0	113.0	208.5

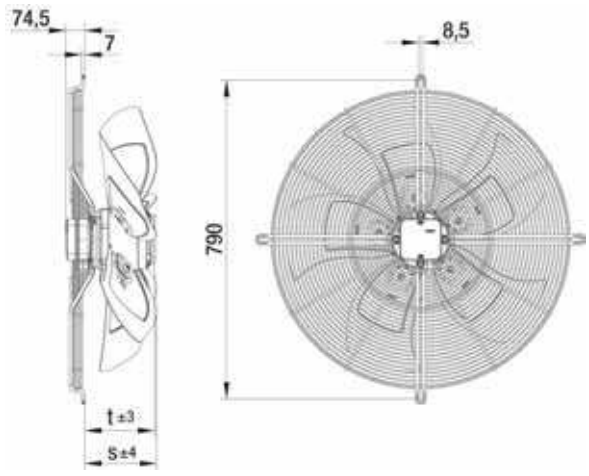
With full square nozzle



"A" ›

Type	Mass [kg]
W4D 560-DF03 -02	20.3
W4D 560-DB01 -02	21.8
W6D 560-DG03 -02	18.3
W6D 560-DH03 -02	18.3
W4E 560-DB01 -02	21.8
W6E 560-DE01 -02	20.3

With guard grille for full nozzle

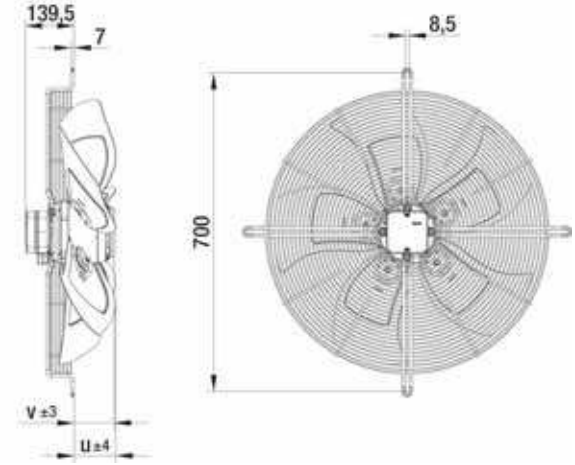


"A" ›

Type	Mass [kg]	s	t
S4D 560-BF03 -02	14.0	134.0	124.0
S4D 560-BB01 -02	15.5	149.0	132.0
S6D 560-BG03 -02	12.0	114.0	139.0
S6D 560-BH03 -02	12.0	114.0	132.0
S4E 560-BB01 -02	15.5	149.0	132.0
S6E 560-BE01 -02	14.0	134.0	132.0



With guard grille for short nozzle

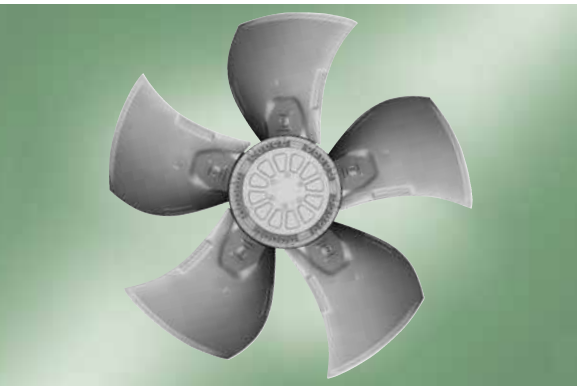


"A" ›

Type	Mass [kg]	u	v
S4D 560-AF03 -02	14.5	59.0	69.0
S4D 560-AB01 -02	16.0	67.0	84.0
S6D 560-AG03 -02	12.5	74.0	49.0
S6D 560-AH03 -02	12.5	67.0	49.0
S4E 560-AB01 -02	16.0	67.0	84.0
S6E 560-AE01 -02	14.5	67.0	69.0

AC axial fans

S series, Ø 630



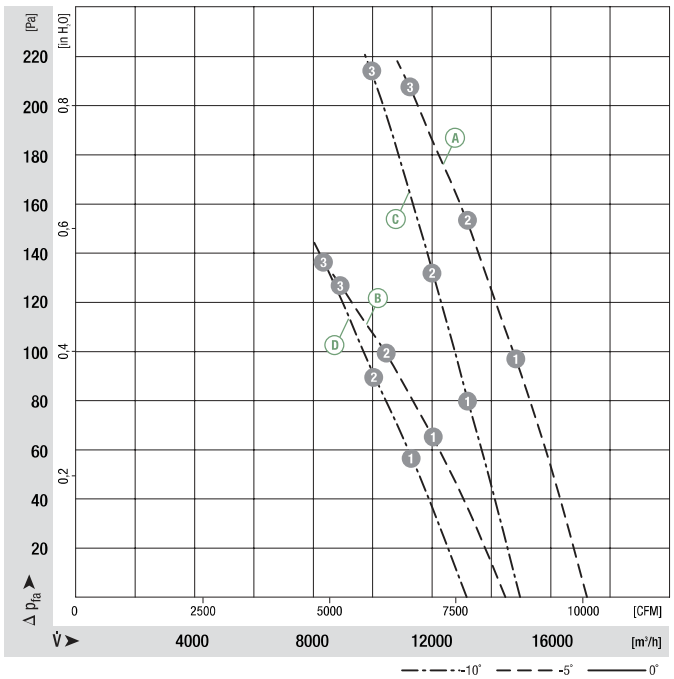
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***4D 630**	M4D 138-HF	-5°	Ⓐ	3~ 400 Δ	50	1330	1.94	3.40	—	200	-40 to +65	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	1040	1.29	2.20	—	120	-40 to +65	
***4D 630**	M4D 138-HF	-10°	Ⓒ	3~ 400 Δ	50	1360	1.62	3.02	—	200	-40 to +65	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	1120	1.12	1.87	—	130	-40 to +65	
***4D 630**	M4D 138-LA	0°	Ⓔ	3~ 400 Δ	50	1340	2.53	4.95	—	240	-40 to +60	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	1045	1.64	2.88	—	145	-40 to +60	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

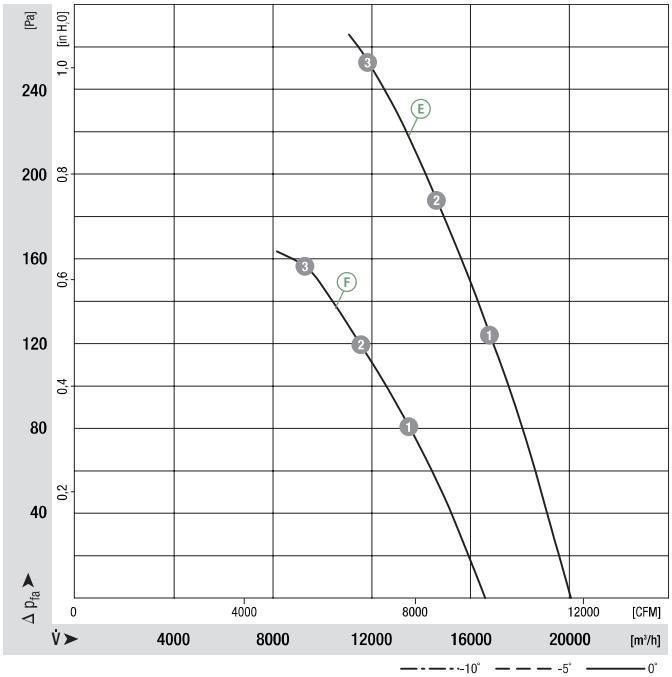


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1350	1.66	3.03	79
Ⓐ ②	1335	1.78	3.17	79
Ⓐ ③	1330	1.94	3.40	81
Ⓑ ①	1095	1.16	1.95	73
Ⓑ ②	1065	1.22	2.04	73
Ⓑ ③	1040	1.29	2.20	75
Ⓒ ①	1390	1.29	2.58	80
Ⓒ ②	1380	1.41	2.70	80
Ⓒ ③	1360	1.62	3.02	83
Ⓓ ①	1190	0.98	1.65	76
Ⓓ ②	1160	1.04	1.75	75
Ⓓ ③	1120	1.12	1.87	78

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full square nozzle	❮ "V" With guard grille for full nozzle	❮ "V" With guard grille for short nozzle	"A" ❯ With guard grille for full nozzle	"A" ❯ With guard grille for short nozzle	❮ "V" In-line duct fan
"V"	A4D 630-AN01 -01	W4D 630-GN01 -01	S4D 630-CN01 -01	S4D 630-AN01 -01	—	—	W4D 630-IN01 -01
"A"	A4D 630-AN01 -02	W4D 630-DN01 -02	—	—	S4D 630-BN01 -02	—	—
"V"	A4D 630-AO01 -01	W4D 630-GO01 -01	S4D 630-CO01 -01	S4D 630-AO01 -01	—	—	—
"A"	A4D 630-AO01 -02	W4D 630-DO01 -02	—	—	S4D 630-BO01 -02	—	—
"V"	A4D 630-AJ01 -01	W4D 630-GJ01 -01	S4D 630-CJ01 -01	S4D 630-AJ01 -01	—	—	—
"A"	A4D 630-AJ01 -02	W4D 630-DJ01 -02	—	—	S4D 630-BJ01 -02	—	—

Curves



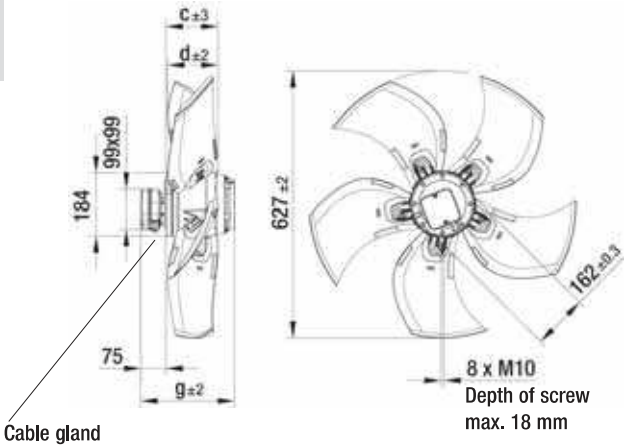
	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓔ ❶	1355	2.28	4.43	78
Ⓔ ❷	1345	2.40	4.63	79
Ⓔ ❸	1340	2.53	4.95	81
Ⓕ ❶	1085	1.56	2.73	72
Ⓕ ❷	1065	1.61	2.82	73
Ⓕ ❸	1045	1.64	2.88	75

AC axial fans

S series, Ø 630, drawings for direction of air flow "V"

Without attachments

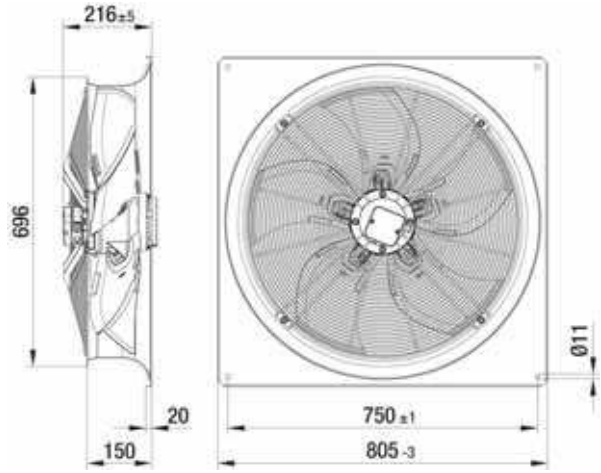
Type	Mass [kg]	c	d	g
A4D 630-AN01 -01	20.0	147.0	133.0	251.0
A4D 630-AO01 -01	20.0	142.0	118.0	251.0
A4D 630-AJ01 -01	24.0	152.0	147.0	276.0



‹ "V"

With full square nozzle

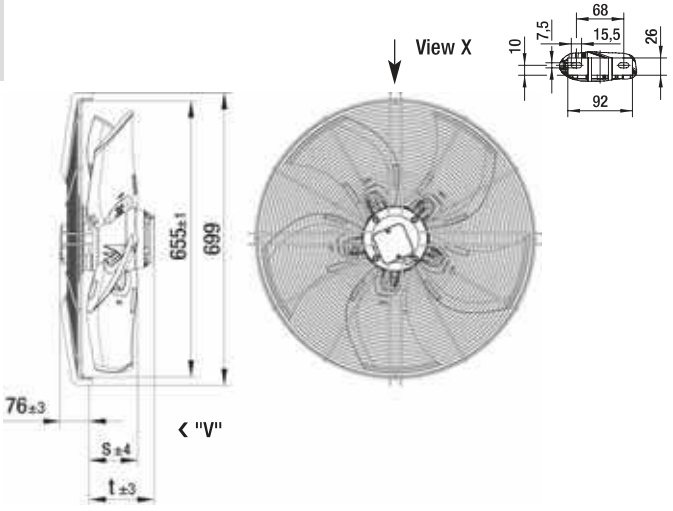
Type	Mass [kg]
W4D 630-GN01 -01	37.0
W4D 630-GO01 -01	37.0
W4D 630-GJ01 -01	41.0



‹ "V"

With guard grille for full nozzle

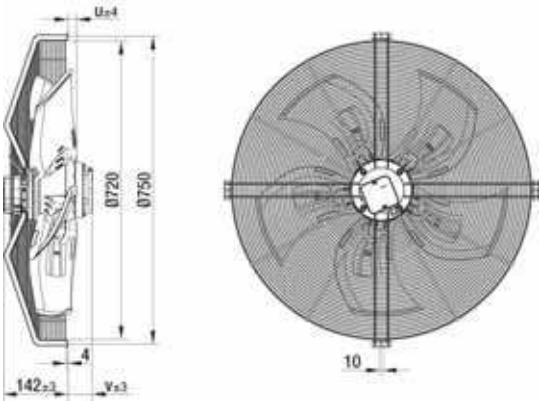
Type	Mass [kg]	s	t
S4D 630-CN01 -01	28.0	146.0	175.0
S4D 630-CO01 -01	28.0	141.0	175.0
S4D 630-CJ01 -01	32.0	76.0	151.0



‹ "V"

With guard grille for short nozzle

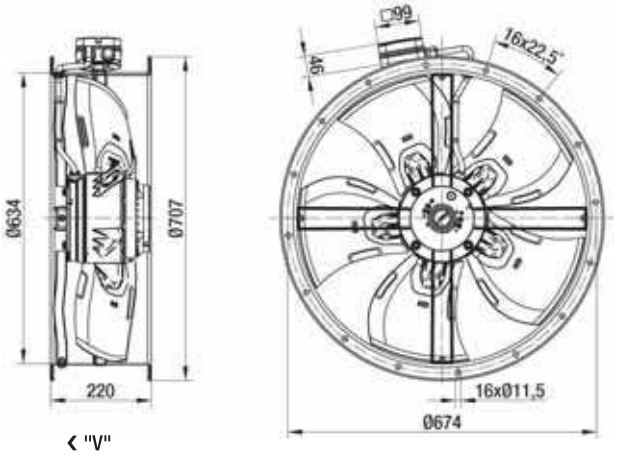
Type	Mass [kg]	u	v
S4D 630-AN01 -01	29.5	80.0	109.0
S4D 630-A001 -01	29.5	75.0	109.0
S4D 630-AJ01 -01	33.5	85.0	134.0



‹ "V"

In-line duct fan

Type	Mass [kg]
W4D 630-IN01 -01	27.9



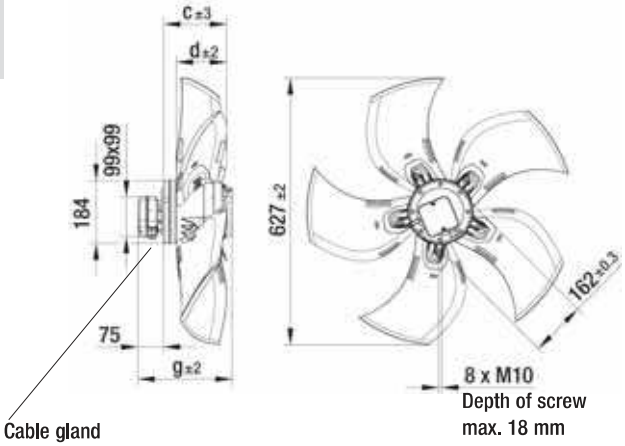
‹ "V"

AC axial fans

S series, Ø 630, drawings for direction of air flow "A"

Without attachments

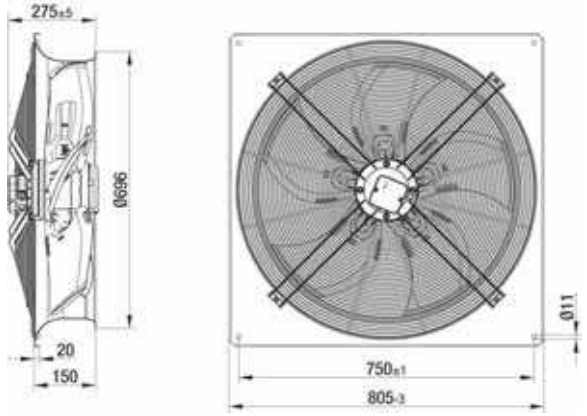
Type	Mass [kg]	c	d	g
A4D 630-AN01 -02	20.0	175.0	133.0	251.0
A4D 630-AO01 -02	20.0	165.0	118.0	251.0
A4D 630-AJ01 -02	24.0	185.0	147.0	276.0



"A" ›

With full square nozzle

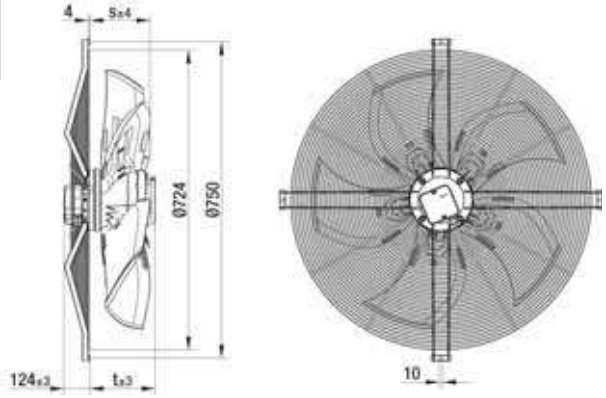
Type	Mass [kg]
W4D 630-DN01 -02	38.0
W4D 630-DO01 -02	38.0
W4D 630-DJ01 -02	42.0



"A" ›

With guard grille for full nozzle

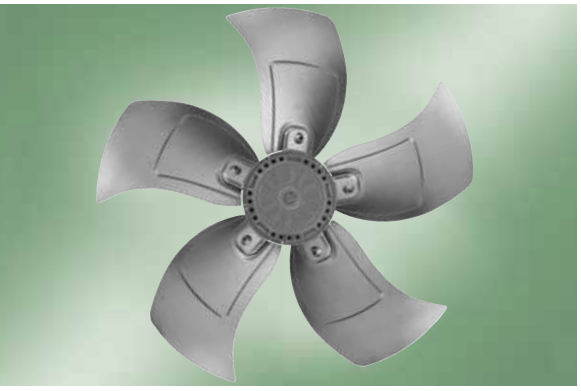
Type	Mass [kg]	s	t
S4D 630-BN01 -02	29.0	126.0	127.0
S4D 630-BO01 -02	29.0	116.0	127.0
S4D 630-BJ01 -02	33.0	136.0	152.0



"A" ›

AC axial fans

S series, Ø 630



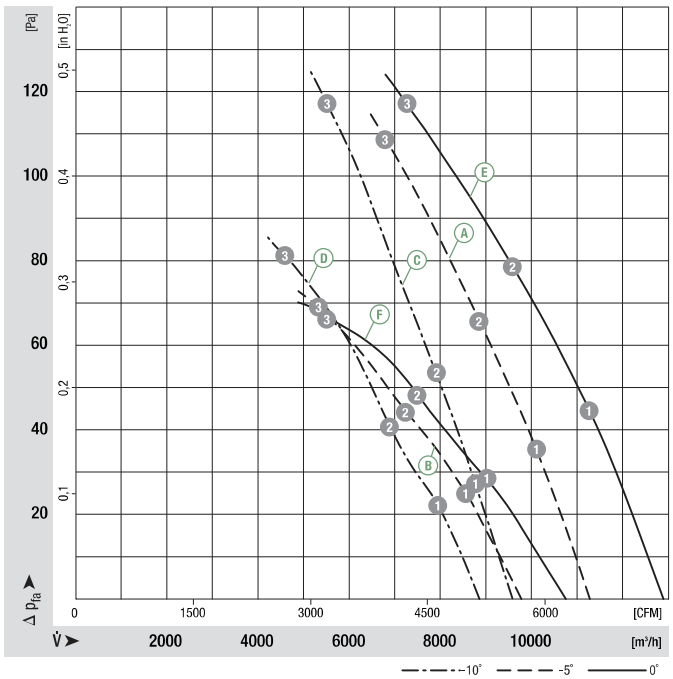
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6D 630**	M6D 110-GF	-5°	Ⓐ	3~ 400 Δ	50	890	0.61	1.26	—	105	-40 to +60	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	680	0.40	0.72	—	60	-40 to +60	
***6D 630**	M6D 110-GF	-10°	Ⓒ	3~ 400 Δ	50	910	0.53	1.15	—	110	-40 to +70	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	725	0.38	0.67	—	70	-40 to +70	
***6D 630**	M6D 110-IA	0°	Ⓔ	3~ 400 Δ	50	885	0.83	1.68	—	120	-40 to +55	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	655	0.53	0.95	—	68	-40 to +55	
***8D 630**	M8D 110-GF	0°	Ⓖ	3~ 400 Δ	50	640	0.38	0.91	—	62	-40 to +65	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	440	0.21	0.42	—	30	-40 to +65	
***8D 630**	M8D 110-GF	-5°	Ⓘ	3~ 400 Δ	50	660	0.33	0.85	—	65	-40 to +75	F1b)/F2b)
			Ⓙ	3~ 400 Y	50	500	0.20	0.40	—	35	-40 to +75	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

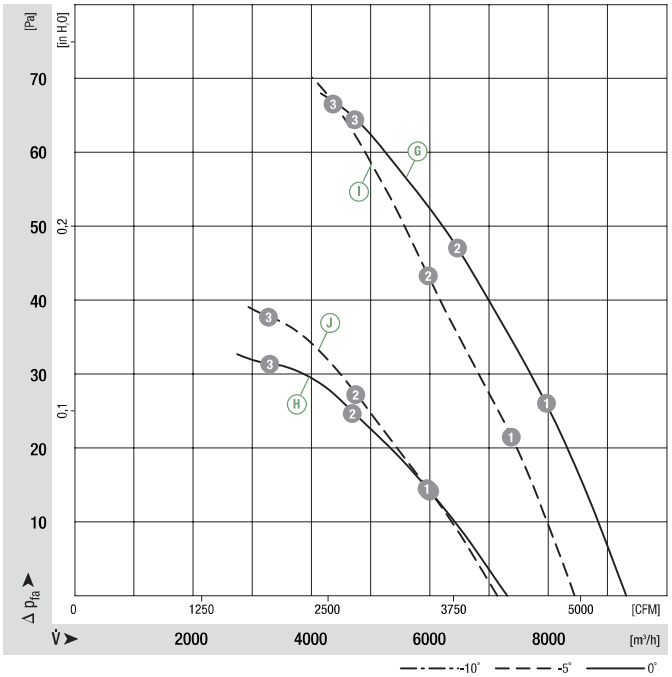


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	925	0.48	1.12	75
Ⓐ ②	915	0.52	1.16	75
Ⓐ ③	890	0.61	1.26	76
Ⓑ ①	770	0.35	0.63	72
Ⓑ ②	745	0.37	0.66	71
Ⓑ ③	680	0.40	0.72	71
Ⓒ ①	940	0.41	1.04	75
Ⓒ ②	930	0.45	1.06	75
Ⓒ ③	910	0.53	1.15	78
Ⓓ ①	825	0.29	0.52	73
Ⓓ ②	805	0.31	0.55	72
Ⓓ ③	725	0.38	0.67	74
Ⓔ ①	915	0.67	1.48	75
Ⓔ ②	905	0.72	1.54	76
Ⓔ ③	885	0.83	1.68	76
Ⓕ ①	735	0.47	0.83	71
Ⓕ ②	710	0.49	0.86	71
Ⓕ ③	655	0.53	0.95	70

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full square nozzle	❮ "V" With guard grille for full nozzle	❮ "V" With guard grille for short nozzle	"A" ❯ With guard grille for full nozzle	"A" ❯ With guard grille for short nozzle	❮ "V" In-line duct fan
"V"	A6D 630-AE01 -01	W6D 630-GE01 -01	S6D 630-CE01 -01	S6D 630-AE01 -01	—	—	—
"A"	A6D 630-AE01 -02	W6D 630-DE01 -02	—	—	S6D 630-BE01 -02	S6D 630-AE01 -02	—
"V"	A6D 630-AF01 -01	W6D 630-GF01 -01	S6D 630-CF01 -01	S6D 630-AF01 -01	—	—	—
"A"	A6D 630-AF01 -02	W6D 630-DF01 -02	—	—	S6D 630-BF01 -02	S6D 630-AF01 -02	—
"V"	A6D 630-AA01 -01	W6D 630-GA01 -01	S6D 630-CA01 -01	S6D 630-AA01 -01	—	—	W6D 630-IA01 -01
"A"	A6D 630-AA01 -02	W6D 630-DA01 -02	—	—	S6D 630-BA01 -02	S6D 630-AA01 -02	—
"V"	A8D 630-AD01 -01	W8D 630-GD01 -01	S8D 630-CD01 -01	S8D 630-AD01 -01	—	—	—
"A"	A8D 630-AD01 -02	W8D 630-DD01 -02	—	—	S8D 630-BD01 -02	S8D 630-AD01 -02	—
"V"	A8D 630-AE01 -01	W8D 630-GE01 -01	S8D 630-CE01 -01	S8D 630-AE01 -01	—	—	—
"A"	A8D 630-AE01 -02	W8D 630-DE01 -02	—	—	S8D 630-BE01 -02	S8D 630-AE01 -02	—

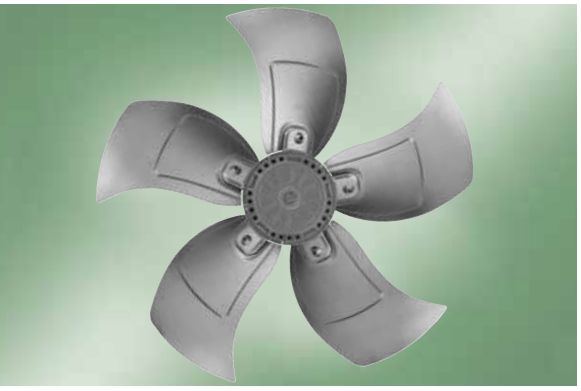
Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
G 1	660	0.33	0.84	69
G 2	655	0.35	0.85	69
G 3	640	0.38	0.91	69
H 1	495	0.19	0.40	63
H 2	475	0.20	0.41	62
H 3	440	0.21	0.42	61
I 1	680	0.28	0.81	69
I 2	675	0.30	0.82	70
I 3	660	0.33	0.85	71
J 1	555	0.17	0.36	71
J 2	535	0.18	0.38	71
J 3	500	0.20	0.40	71

AC axial fans

S series, Ø 630



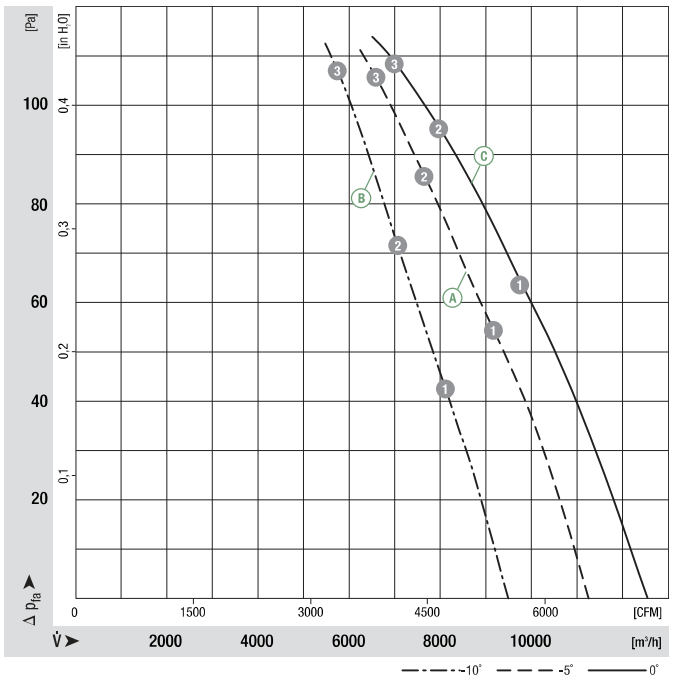
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Sheet aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6E 630**	M6E 110-GF	-5°	Ⓐ	1~ 230	50	880	0.61	2.65	14.0/450	100	-40 to +60	A2b)
***6E 630**	M6E 110-GF	-10°	Ⓑ	1~ 230	50	905	0.49	2.15	12.0/450	100	-40 to +70	A2b)
***6E 630**	M6E 110-IA	0°	Ⓒ	1~ 230	50	860	0.76	3.35	16.0/450	100	-40 to +50	A2b)
***8E 630**	M8E 110-GF	-5°	Ⓓ	1~ 230	50	655	0.35	1.79	7.0/450	60	-40 to +60	A2b)

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

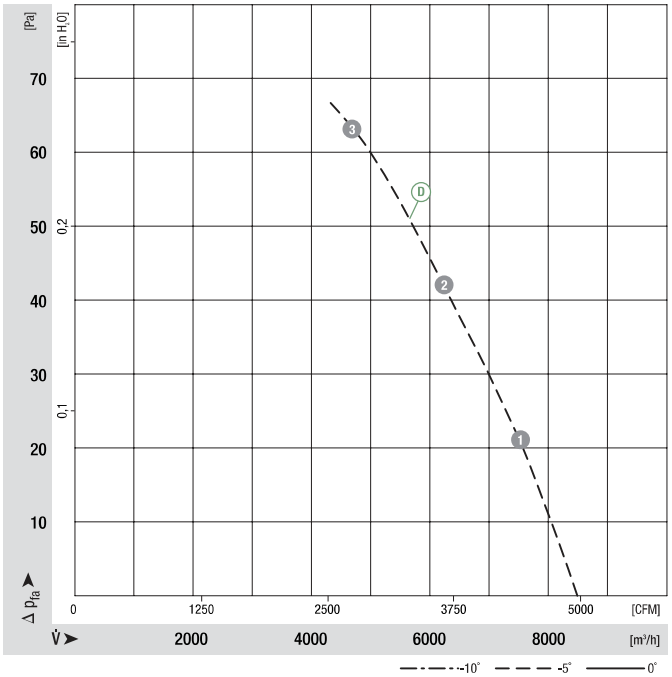


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	905	0.55	2.41	75
Ⓐ ②	895	0.58	2.51	75
Ⓐ ③	880	0.61	2.65	76
Ⓑ ①	925	0.43	1.89	75
Ⓑ ②	920	0.45	1.99	76
Ⓑ ③	905	0.49	2.15	78
Ⓒ ①	890	0.71	3.11	76
Ⓒ ②	875	0.73	3.23	76
Ⓒ ③	860	0.76	3.35	76

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	With full square nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	In-line duct fan
"V"	A6E 630-AE01 -01	W6E 630-GE01 -01	S6E 630-CE01 -01	S6E 630-AE01 -01	—	—	—
"A"	A6E 630-AE01 -02	W6E 630-DE01 -02	—	—	S6E 630-BE01 -02	S6E 630-AE01 -02	—
"V"	A6E 630-AF01 -01	W6E 630-GF01 -01	S6E 630-CF01 -01	S6E 630-AF01 -01	—	—	—
"A"	A6E 630-AF01 -02	W6E 630-DF01 -02	—	—	S6E 630-BF01 -02	S6E 630-AF01 -02	—
"V"	A6E 630-AA03 -01	W6E 630-GA03 -01	S6E 630-CA03 -01	S6E 630-AA03 -01	—	—	W6E 630-IA03 -01
"A"	A6E 630-AA03 -02	W6E 630-DA03 -02	—	—	S6E 630-BA03 -02	S6E 630-AA03 -02	—
"V"	A8E 630-AE01 -01	W8E 630-GE01 -01	S8E 630-CE01 -01	S8E 630-AE01 -01	—	—	—
"A"	A8E 630-AE01 -02	W8E 630-DE01 -02	—	—	S8E 630-BE01 -02	S8E 630-AE01 -02	—

Curves

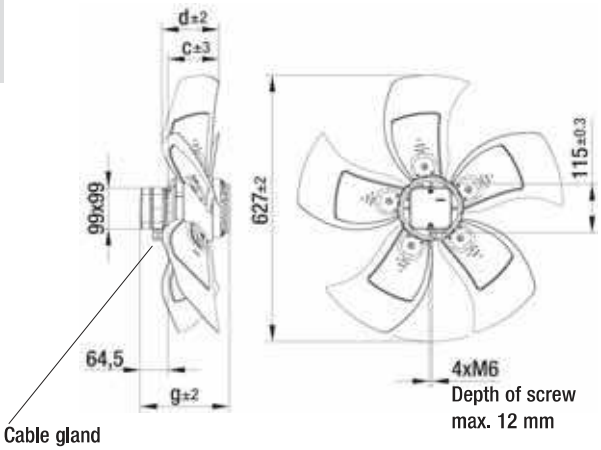


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
D 1	685	0.30	1.61	69
D 2	675	0.32	1.68	69
D 3	655	0.35	1.79	69

AC axial fans

S series, Ø 630, drawings for direction of air flow "V"

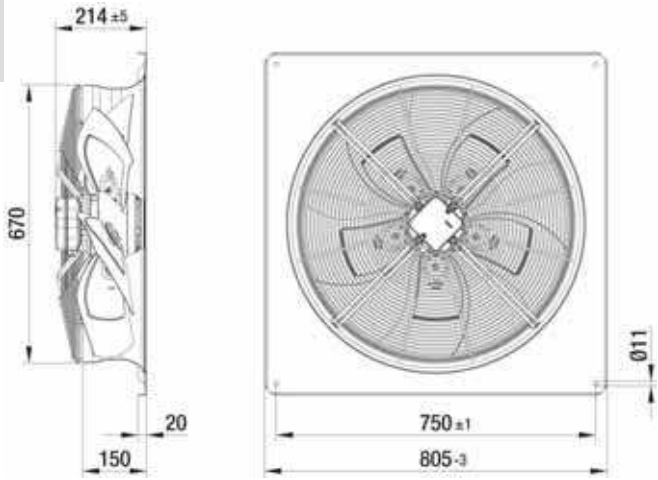
Without attachments



‹ "V"

Type	Mass [kg]	c	d	g
A6D 630-AE01 -01	12.5	108.0	116.0	208.5
A6D 630-AF01 -01	12.5	96.0	96.0	208.5
A6D 630-AA01 -01	14.0	120.0	135.0	223.5
A8D 630-AD01 -01	12.5	120.0	135.0	208.5
A8D 630-AE01 -01	12.5	108.0	116.0	208.5
A6E 630-AE01 -01	12.5	108.0	116.0	208.5
A6E 630-AF01 -01	12.5	96.0	96.0	208.5
A6E 630-AA03 -01	14.0	120.0	135.0	223.5
A8E 630-AE01 -01	12.5	108.0	116.0	208.5

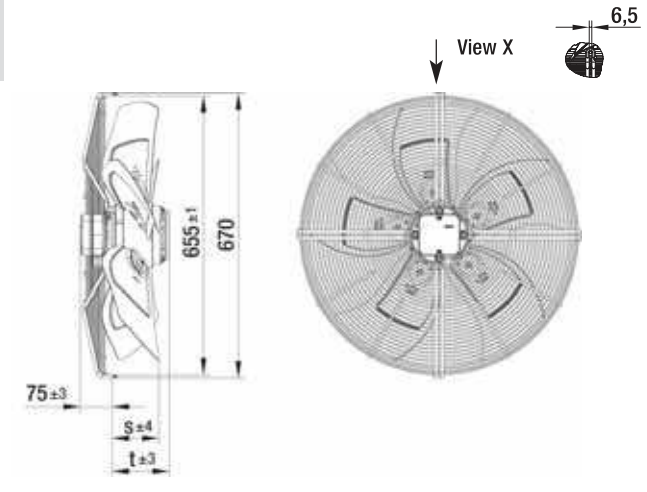
With full square nozzle



‹ "V"

Type	Mass [kg]
W6D 630-GE01 -01	20.5
W6D 630-GF01 -01	20.5
W6D 630-GA01 -01	23.0
W8D 630-GD01 -01	20.5
W8D 630-GE01 -01	20.5
W6E 630-GE01 -01	20.5
W6E 630-GF01 -01	20.5
W6E 630-GA03 -01	23.0
W8E 630-GE01 -01	20.5

With guard grille for full nozzle

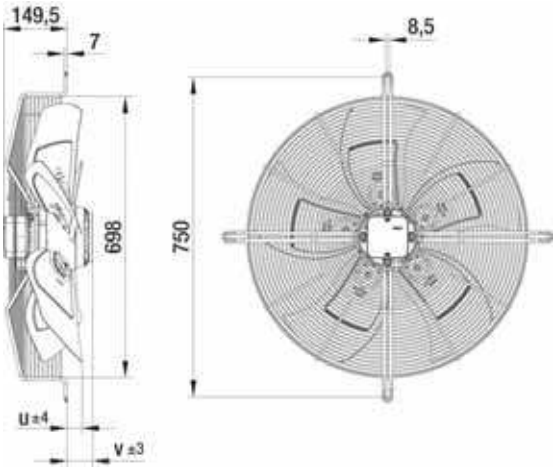


‹ "V"

Type	Mass [kg]	s	t
S6D 630-CE01 -01	14.5	97.5	111.5
S6D 630-CF01 -01	14.5	85.5	111.5
S6D 630-CA01 -01	17.0	109.5	126.5
S8D 630-CD01 -01	14.5	109.5	133.5
S8D 630-CE01 -01	14.5	97.5	111.5
S6E 630-CE01 -01	14.5	97.5	133.5
S6E 630-CF01 -01	14.5	85.5	111.5
S6E 630-CA03 -01	17.0	109.5	148.5
S8E 630-CE01 -01	14.5	97.5	133.5

With guard grille for short nozzle

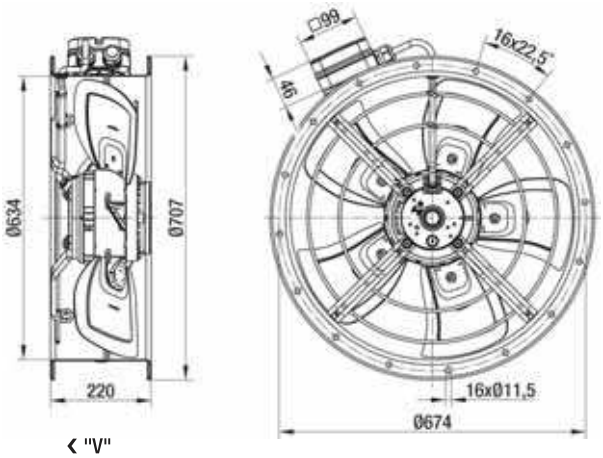
Type	Mass [kg]	u	v
S6D 630-AE01 -01	16.0	23.0	59.0
S6D 630-AF01 -01	16.0	11.0	59.0
S6D 630-AA01 -01	18.5	35.0	74.0
S8D 630-AD01 -01	16.0	35.0	59.0
S8D 630-AE01 -01	16.0	23.0	59.0
S6E 630-AE01 -01	16.0	23.0	59.0
S6E 630-AF01 -01	16.0	11.0	59.0
S6E 630-AA03 -01	18.5	35.0	74.0
S8E 630-AE01 -01	16.0	23.0	59.0



‹ "V"

In-line duct fan

Type	Mass [kg]
W6D 630-IA01 -01	21.4
W6E 630-IA03 -01	21.4

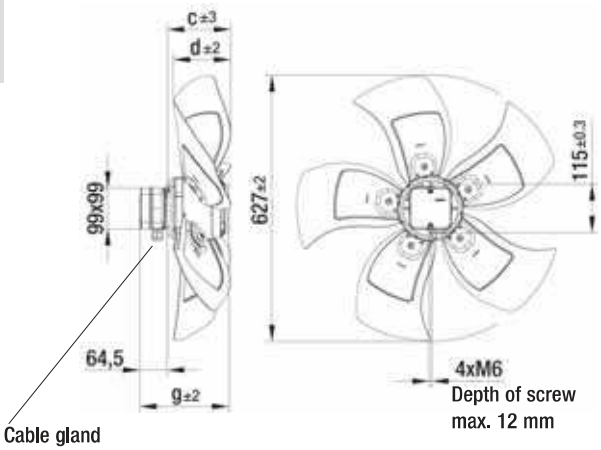


‹ "V"

AC axial fans

S series, Ø 630, drawings for direction of air flow "A"

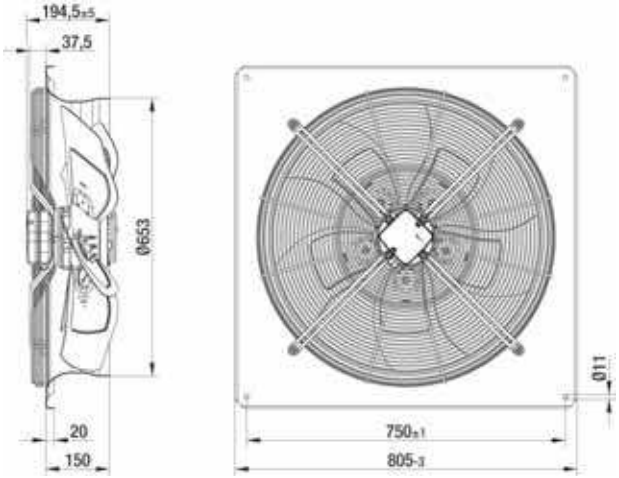
Without attachments



"A" ›

Type	Mass [kg]	c	d	g
A6D 630-AE01 -02	12.5	142.0	116.0	208.5
A6D 630-AF01 -02	12.5	134.0	96.0	208.5
A6D 630-AA01 -02	14.0	149.0	135.0	223.5
A8D 630-AD01 -02	12.5	149.0	135.0	208.5
A8D 630-AE01 -02	12.5	142.0	116.0	208.5
A6E 630-AE01 -02	12.5	142.0	116.0	208.5
A6E 630-AF01 -02	12.5	134.0	96.0	208.5
A6E 630-AA03 -02	14.0	149.0	135.0	223.5
A8E 630-AE01 -02	12.5	142.0	116.0	208.5

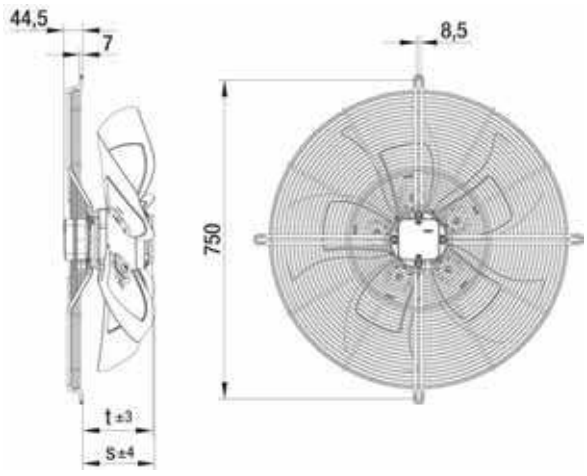
With full square nozzle



"A" ›

Type	Mass [kg]
W6D 630-DE01 -02	21.0
W6D 630-DF01 -02	21.0
W6D 630-DA01 -02	23.5
W8D 630-DD01 -02	21.0
W8D 630-DE01 -02	21.0
W6E 630-DE01 -02	21.0
W6E 630-DF01 -02	21.0
W6E 630-DA03 -02	23.5
W8E 630-DE01 -02	21.0

With guard grille for full nozzle

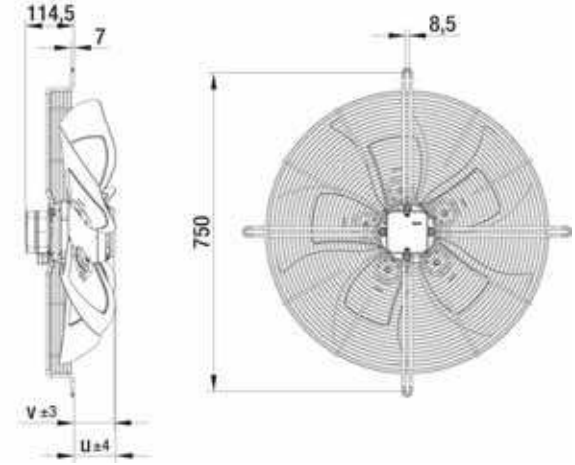


"A" ›

Type	Mass [kg]	s	t
S6D 630-BE01 -02	14.5	164.0	162.0
S6D 630-BF01 -02	14.5	164.0	154.0
S6D 630-BA01 -02	17.0	179.0	169.0
S8D 630-BD01 -02	14.5	164.0	169.0
S8D 630-BE01 -02	14.5	164.0	162.0
S6E 630-BE01 -02	14.5	164.0	162.0
S6E 630-BF01 -02	14.5	164.0	154.0
S6E 630-BA03 -02	17.0	179.0	169.0
S8E 630-BE01 -02	14.5	164.0	162.0



With guard grille for short nozzle

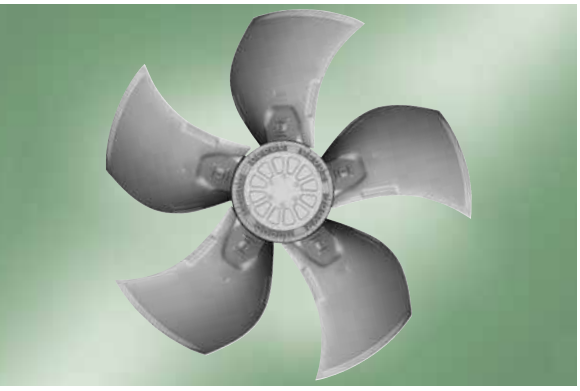


"A" ›

Type	Mass [kg]	u	v
S6D 630-AE01 -02	15.0	92.0	94.0
S6D 630-AF01 -02	15.0	84.0	94.0
S6D 630-AA01 -02	17.5	99.0	109.0
S8D 630-AD01 -02	15.0	99.0	94.0
S8D 630-AE01 -02	15.0	92.0	94.0
S6E 630-AE01 -02	15.0	92.0	94.0
S6E 630-AF01 -02	15.0	84.0	94.0
S6E 630-AA03 -02	17.5	99.0	109.0
S8E 630-AE01 -02	15.0	92.0	94.0

AC axial fans

S series, Ø 710



- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

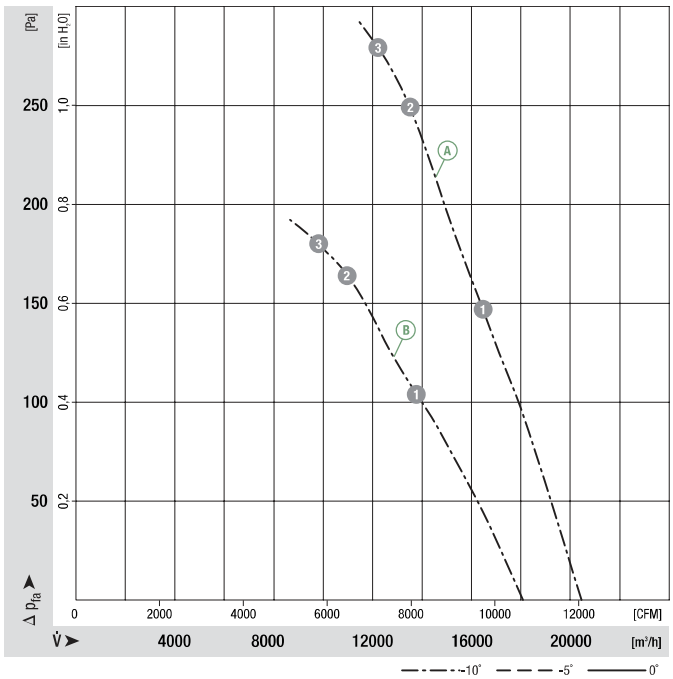
Nominal data

Type	Motor	Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
				VAC	Hz	rpm	kW	A	µF/VDB	Pa	°C	p. 416 f.
*4D 710	M4D 138-LA	-10°	Ⓐ	3~ 400 Δ	50	1350	2.32	4.65	—	280	-40 to +70	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	1090	1.59	2.78	—	180	-40 to +70	
*6D 710	M6D 138-HF	-5°	Ⓒ	3~ 400 Δ	50	910	1.01	2.40	—	130	-40 to +80	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	750	0.70	1.33	—	87	-40 to +80	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

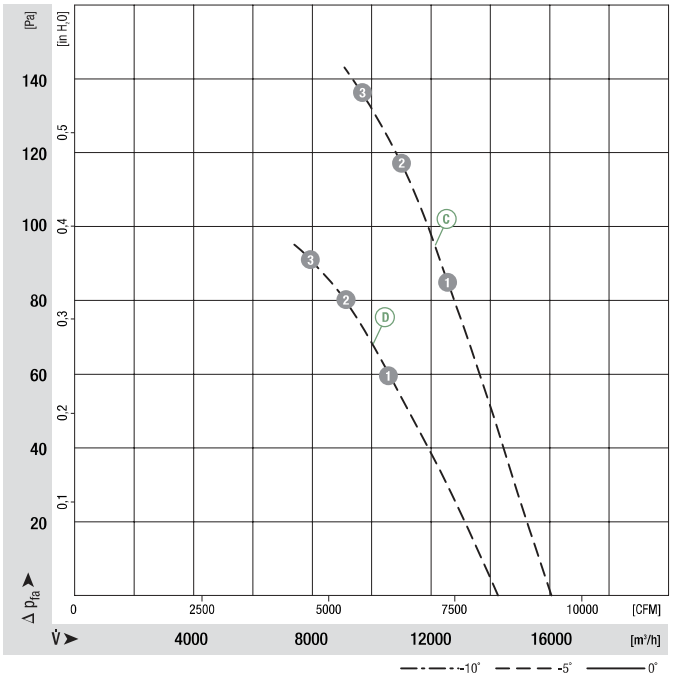


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	1380	1.96	4.13	82
Ⓐ ②	1360	2.21	4.49	86
Ⓐ ③	1350	2.32	4.65	87
Ⓑ ①	1160	1.43	2.50	78
Ⓑ ②	1110	1.55	2.70	80
Ⓑ ③	1090	1.59	2.78	81

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯ Without attachments	❮ "V"/"A" ❯ With full square nozzle	❮ "V" With guard grille for full nozzle	❮ "V" With guard grille for short nozzle	"A" ❯ With guard grille for full nozzle	"A" ❯ With guard grille for short nozzle	❮ "V" In-line duct fan
"V"	A4D 710-AL01 -01	W4D 710-GL01 -01	S4D 710-CL01 -01	S4D 710-AL01 -01	—	—	W4D 710-IL01 -01
"A"	A4D 710-AL01 -02	W4D 710-DL01 -02	—	—	S4D 710-BL01 -02	—	—
"V"	A6D 710-AN01 -01	W6D 710-GN01 -01	S6D 710-CN01 -01	S6D 710-AN01 -01	—	—	W6D 710-IN01 -01
"A"	A6D 710-AN01 -02	W6D 710-DN01 -02	—	—	S6D 710-BN01 -02	—	—

Curves



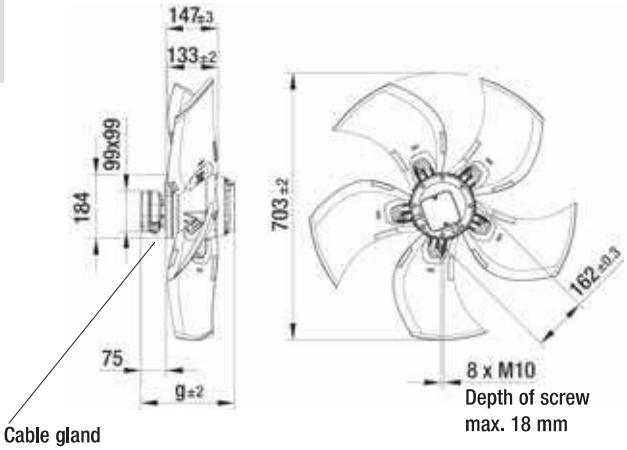
	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
C 1	925	0.91	2.32	72
C 2	920	0.97	2.38	75
C 3	910	1.01	2.40	77
D 1	780	0.65	1.22	69
D 2	765	0.68	1.27	71
D 3	750	0.70	1.33	72

AC axial fans

S series, Ø 710, drawings for direction of air flow "V"

Without attachments

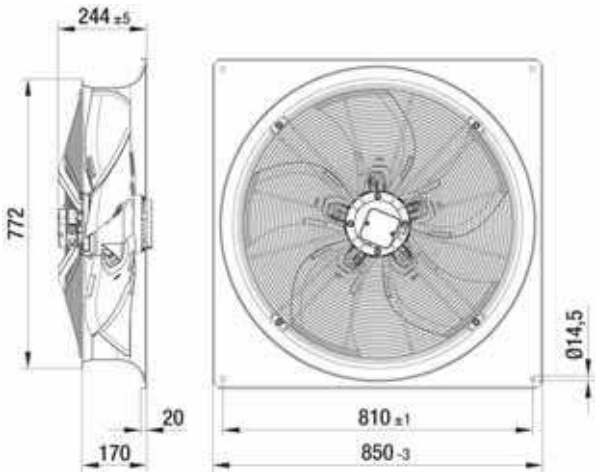
Type	Mass [kg]	g
A4D 710-AL01 -01	25.0	276.0
A6D 710-AN01 -01	21.0	251.0



‹ "V"

With full square nozzle

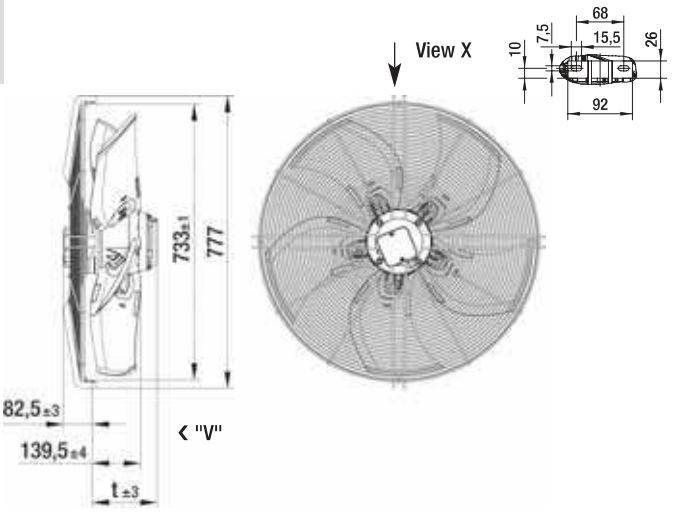
Type	Mass [kg]
W4D 710-GL01 -01	43.0
W6D 710-GN01 -01	39.0



‹ "V"

With guard grille for full nozzle

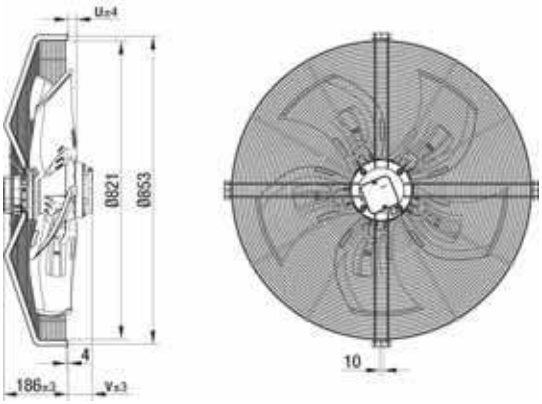
Type	Mass [kg]	t
S4D 710-CL01 -01	34.0	193.5
S6D 710-CN01 -01	30.0	168.5



‹ "V"

With guard grille for short nozzle

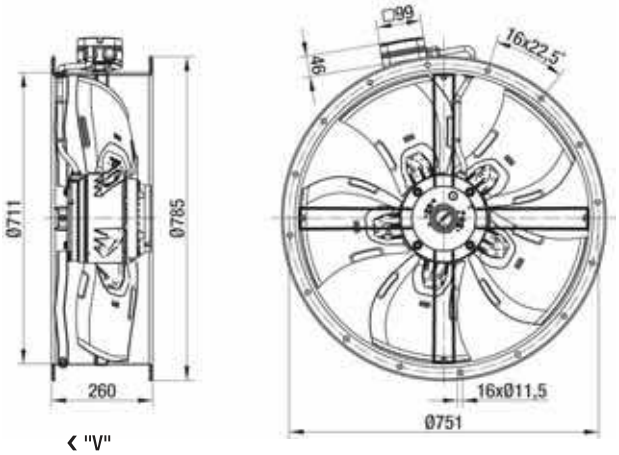
Type	Mass [kg]	u	v
S4D 710-AL01 -01	35.5	31.0	90.0
S6D 710-AN01 -01	31.5	27.0	65.0



‹ "V"

In-line duct fan

Type	Mass [kg]
W4D 710-IL01 -01	40.0
W6D 710-IN01 -01	36.0



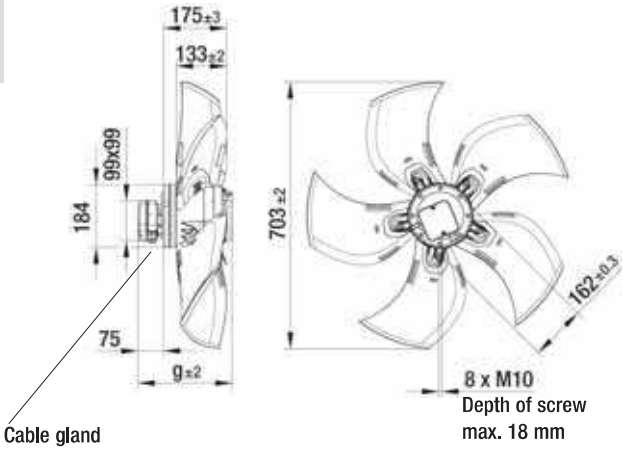
‹ "V"

AC axial fans

S series, Ø 710, drawings for direction of air flow "A"

Without attachments

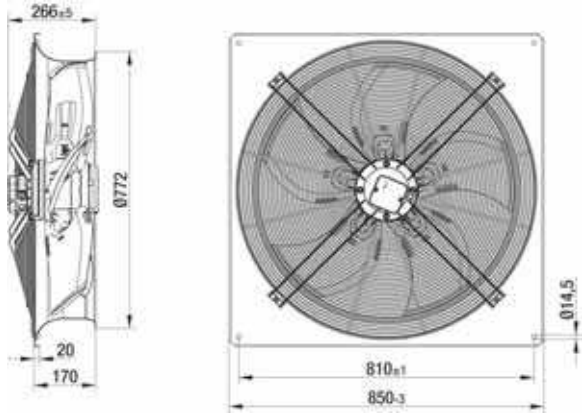
Type	Mass [kg]	g
A4D 710-AL01 -02	25.0	276.0
A6D 710-AN01 -02	21.0	251.0



"A" ›

With full square nozzle

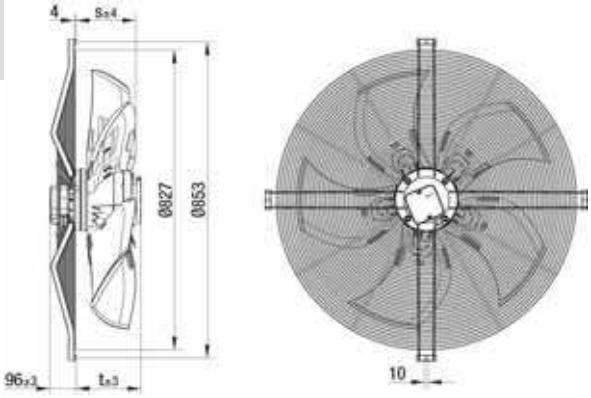
Type	Mass [kg]
W4D 710-DL01 -02	44.0
W6D 710-DN01 -02	40.0



"A" ›

With guard grille for full nozzle

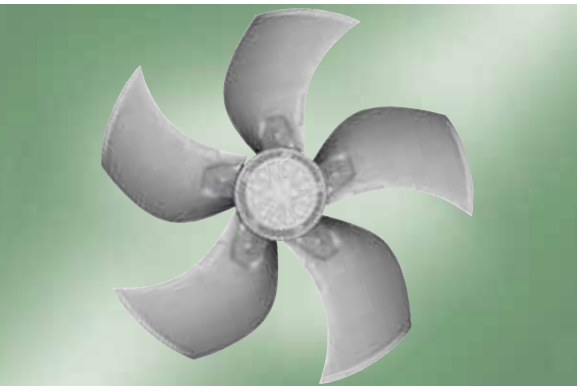
Type	Mass [kg]	s	t
S4D 710-BL01 -02	35.0	144.0	160.0
S6D 710-BN01 -02	32.0	154.0	155.0



"A" ›

AC axial fans

S series, Ø 800



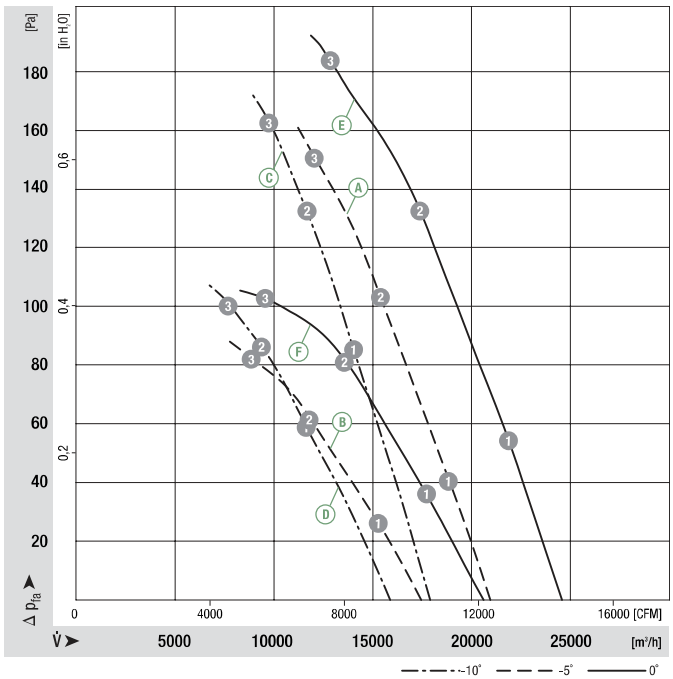
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6D 800**	M6D 138-HF	-5°	Ⓐ	3~ 400 Δ	50	870	1.45	3.20	—	150	-40 to +60	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	610	0.81	1.64	—	75	-40 to +60	
***6D 800**	M6D 138-HF	-10°	Ⓒ	3~ 400 Δ	50	895	1.14	2.45	—	160	-40 to +75	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	710	0.75	1.45	—	98	-40 to +75	
***6D 800**	M6D 138-LA	0°	Ⓔ	3~ 400 Δ	50	895	2.00	4.30	—	180	-40 to +60	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	685	1.27	2.50	—	100	-40 to +60	
***6D 800**	M6D 138-NA	+5°	Ⓖ	3~ 400 Δ	50	910	2.18	5.17	—	120	-40 to +55	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	730	1.47	2.80	—	75	-40 to +55	
***6D 800**	M6D 138-NA	0°	Ⓘ	3~ 400 Δ	50	915	2.08	4.62	—	180	-40 to +60	F1b)/F2b)
			Ⓙ	3~ 400 Y	50	740	1.43	2.66	—	118	-40 to +60	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

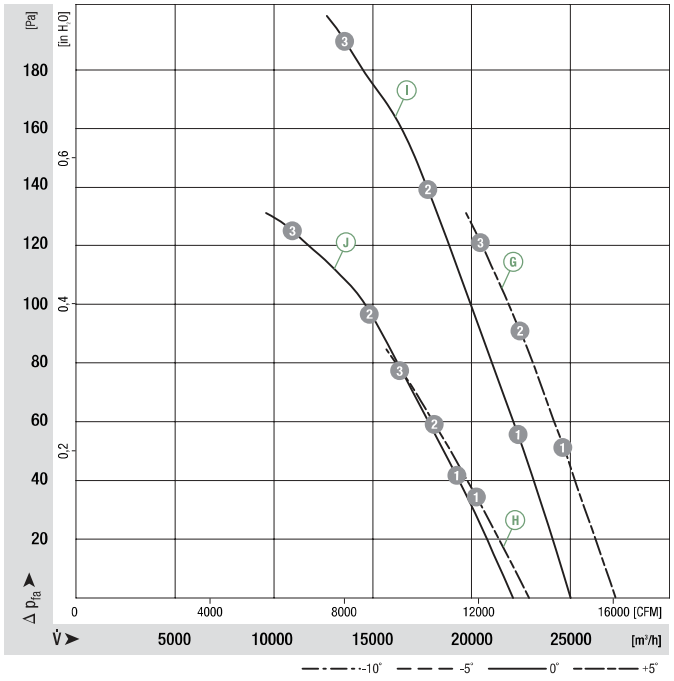


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	910	1.07	2.50	72
Ⓐ ②	890	1.23	2.69	72
Ⓐ ③	870	1.45	3.20	74
Ⓑ ①	745	0.72	1.35	68
Ⓑ ②	690	0.79	1.49	66
Ⓑ ③	610	0.81	1.64	67
Ⓒ ①	920	0.94	2.29	74
Ⓒ ②	910	1.04	2.40	75
Ⓒ ③	895	1.14	2.45	78
Ⓓ ①	770	0.66	1.24	70
Ⓓ ②	735	0.71	1.34	70
Ⓓ ③	710	0.75	1.45	71
Ⓔ ①	915	1.55	3.48	71
Ⓔ ②	900	1.75	3.72	72
Ⓔ ③	895	2.00	4.30	78
Ⓕ ①	750	1.08	2.02	68
Ⓕ ②	705	1.16	2.17	67
Ⓕ ③	685	1.27	2.50	72

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	**With full square nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**In-line duct fan**
"V"	A6D 800-AN01 -01	W6D 800-GN01 -01	S6D 800-CN01 -01	S6D 800-AN01 -01	—	—	—
"A"	A6D 800-AN01 -02	W6D 800-DN01 -02	—	—	S6D 800-BN01 -02	—	—
"V"	A6D 800-AO01 -01	W6D 800-GO01 -01	S6D 800-CO01 -01	S6D 800-AO01 -01	—	—	—
"A"	A6D 800-AO01 -02	W6D 800-DO01 -02	—	—	S6D 800-BO01 -02	—	—
"V"	A6D 800-AJ01 -01	W6D 800-GJ01 -01	S6D 800-CJ01 -01	S6D 800-AJ01 -01	—	—	W6D 800-IJ01 -01
"A"	A6D 800-AJ01 -02	W6D 800-DJ01 -02	—	—	S6D 800-BJ01 -02	—	—
"V"	A6D 800-AS01 -01	W6D 800-GS01 -01	S6D 800-CS01 -01	S6D 800-AS01 -01	—	—	—
"A"	A6D 800-AS01 -02	W6D 800-DS01 -02	—	—	S6D 800-BS01 -02	—	—
"V"	A6D 800-AP01 -01	W6D 800-GP01 -01	S6D 800-CP01 -01	S6D 800-AP01 -01	—	—	—
"A"	A6D 800-AP01 -02	W6D 800-DP01 -02	—	—	S6D 800-BP01 -02	—	—

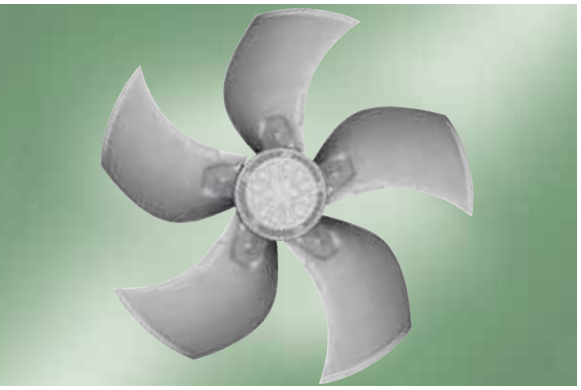
Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
G 1	920	2.01	4.99	74
G 2	915	2.11	5.15	74
G 3	910	2.18	5.17	75
H 1	755	1.40	2.68	69
H 2	740	1.44	2.75	69
H 3	730	1.47	2.80	71
I 1	940	1.63	4.26	72
I 2	925	1.85	4.47	73
I 3	915	2.08	4.62	79
J 1	810	1.22	2.25	69
J 2	775	1.33	2.44	70
J 3	740	1.43	2.66	73

AC axial fans

S series, Ø 800



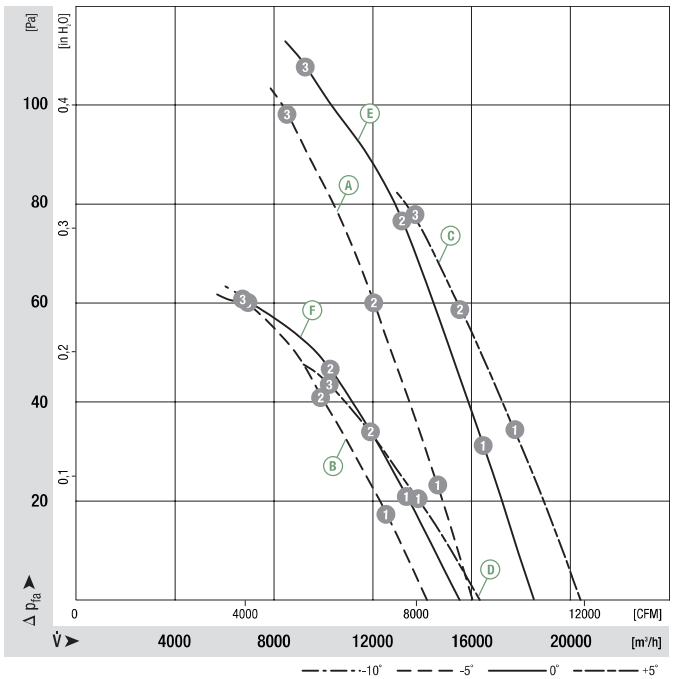
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***8D 800**	M8D 138-HF	-5°	Ⓐ	3~ 400 Δ	50	680	0.79	2.15	—	100	-40 to +55	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	540	0.48	1.05	—	60	-40 to +55	
***8D 800**	M8D 138-LA	+5°	Ⓒ	3~ 400 Δ	50	665	1.05	2.70	—	80	-40 to +70	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	500	0.63	1.31	—	45	-40 to +70	
***8D 800**	M8D 138-LA	0°	Ⓔ	3~ 400 Δ	50	660	0.98	2.41	—	105	-40 to +65	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	515	0.57	1.21	—	57	-40 to +65	
***ZD 800**	MZD 138-HF	0°	Ⓖ	3~ 400 Δ	50	435	0.37	1.15	—	44	-40 to +80	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	330	0.20	0.48	—	25	-40 to +80	

subject to alterations

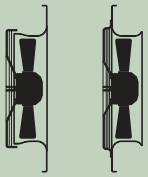
(1) Nominal data in operating point ③ with maximum load

Curves

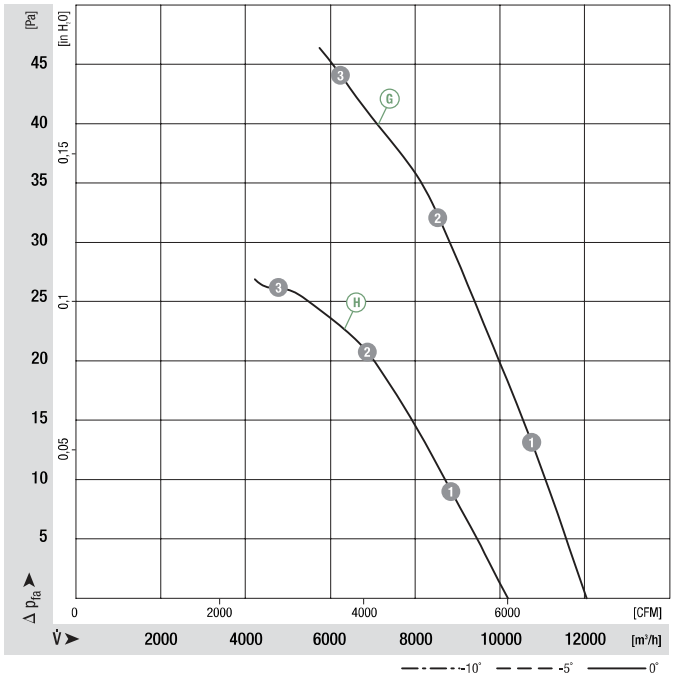


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	700	0.60	2.08	67
Ⓐ ②	690	0.68	2.10	67
Ⓐ ③	680	0.79	2.15	71
Ⓑ ①	605	0.40	0.87	64
Ⓑ ②	575	0.44	0.94	63
Ⓑ ③	540	0.48	1.05	65
Ⓒ ①	680	0.96	2.57	68
Ⓒ ②	670	1.01	2.61	69
Ⓒ ③	665	1.05	2.70	71
Ⓓ ①	525	0.60	1.26	63
Ⓓ ②	510	0.62	1.29	63
Ⓓ ③	500	0.63	1.31	64
Ⓔ ①	690	0.76	2.21	67
Ⓔ ②	680	0.85	2.28	67
Ⓔ ③	660	0.98	2.41	71
Ⓕ ①	560	0.50	1.06	63
Ⓕ ②	530	0.54	1.13	62
Ⓕ ③	515	0.57	1.21	64

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	 ❮ "V"/"A" ❯ Without attachments	 ❮ "V"/"A" ❯ With full square nozzle	 ❮ "V" With guard grille for full nozzle	 ❮ "V" With guard grille for short nozzle	 "A" ❯ With guard grille for full nozzle	 "A" ❯ With guard grille for short nozzle	 ❮ "V" In-line duct fan
"V"	A8D 800-AN01 -01	W8D 800-GN01 -01	S8D 800-CN01 -01	S8D 800-AN01 -01	—	—	—
"A"	A8D 800-AN01 -02	W8D 800-DN01 -02	—	—	S8D 800-BN01 -02	—	—
"V"	A8D 800-AT03 -01	W8D 800-GT03 -01	S8D 800-CT03 -01	S8D 800-AT03 -01	—	—	—
"A"	A8D 800-AT03 -02	W8D 800-DT03 -02	—	—	S8D 800-BT03 -02	—	—
"V"	A8D 800-AJ01 -01	W8D 800-GJ01 -01	S8D 800-CJ01 -01	S8D 800-AJ01 -01	—	—	—
"A"	A8D 800-AJ01 -02	W8D 800-DJ01 -02	—	—	S8D 800-BJ01 -02	—	—
"V"	AZD 800-AM03 -01	WZD 800-GM03 -01	SZD 800-CM03 -01	SZD 800-AM03 -01	—	—	—
"A"	AZD 800-AM03 -02	WZD 800-DM03 -02	—	—	SZD 800-BM03 -02	—	—

Curves

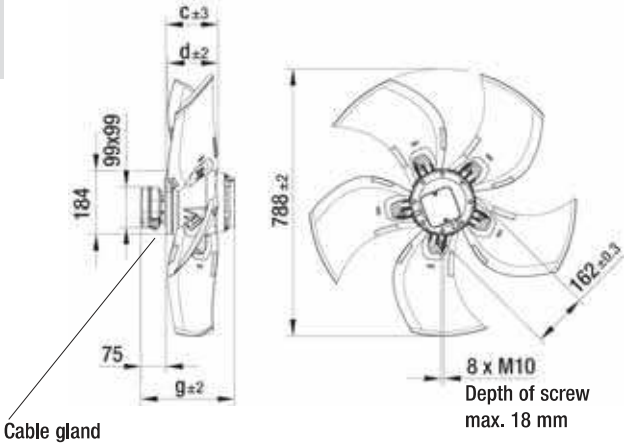


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
G 1	455	0.31	1.09	59
G 2	445	0.33	1.10	58
G 3	435	0.37	1.15	61
H 1	375	0.17	0.43	55
H 2	360	0.18	0.45	55
H 3	330	0.20	0.48	55

AC axial fans

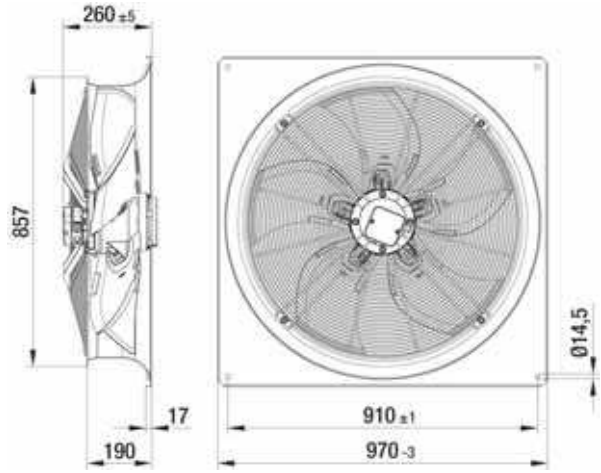
S series, Ø 800, drawings for direction of air flow "V"

Without attachments



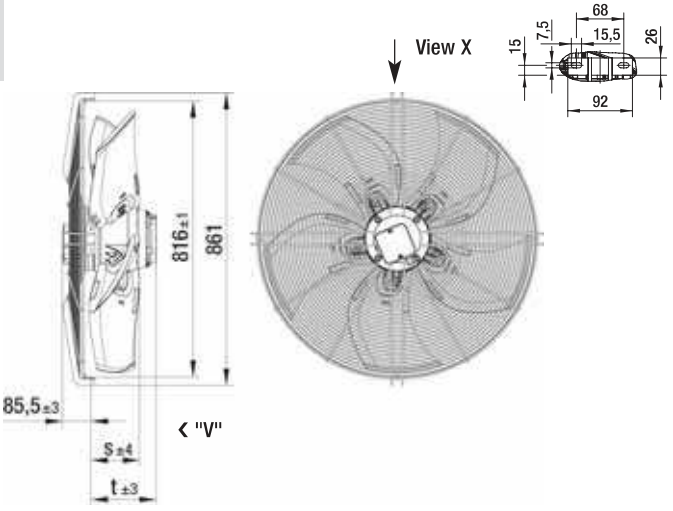
Type	Mass [kg]	c	d	g
A6D 800-AN01 -01	22.0	147.0	133.0	251.0
A6D 800-AO01 -01	22.0	142.0	118.0	251.0
A6D 800-AJ01 -01	26.0	152.0	147.0	276.0
A6D 800-AS01 -01	29.0	157.0	162.0	296.0
A6D 800-AP01 -01	29.0	152.0	147.0	296.0
A8D 800-AN01 -01	22.0	147.0	133.0	251.0
A8D 800-AT03 -01	26.0	157.0	162.0	276.0
A8D 800-AJ01 -01	26.0	152.0	147.0	276.0
AZD 800-AM03 -01	22.0	152.0	147.0	251.0

With full square nozzle



Type	Mass [kg]
W6D 800-GN01 -01	42.0
W6D 800-GO01 -01	42.0
W6D 800-GJ01 -01	46.0
W6D 800-GS01 -01	49.0
W6D 800-GP01 -01	49.0
W8D 800-GN01 -01	42.0
W8D 800-GT03 -01	46.0
W8D 800-GJ01 -01	46.0
WZD 800-GM03 -01	42.0

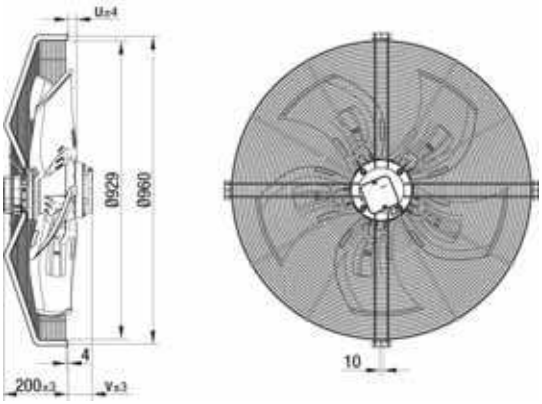
With guard grille for full nozzle



Type	Mass [kg]	s	t
S6D 800-CN01 -01	32.0	136.5	165.5
S6D 800-CO01 -01	32.0	131.5	165.5
S6D 800-CJ01 -01	36.0	141.5	190.5
S6D 800-CS01 -01	39.0	146.5	210.5
S6D 800-CP01 -01	39.0	141.5	210.5
S8D 800-CN01 -01	32.0	136,5	165.5
S8D 800-CT03 -01	36.0	146.5	190.5
S8D 800-CJ01 -01	36.0	141.5	190.5
SZD 800-CM03 -01	32.0	141.5	165.5

With guard grille for short nozzle

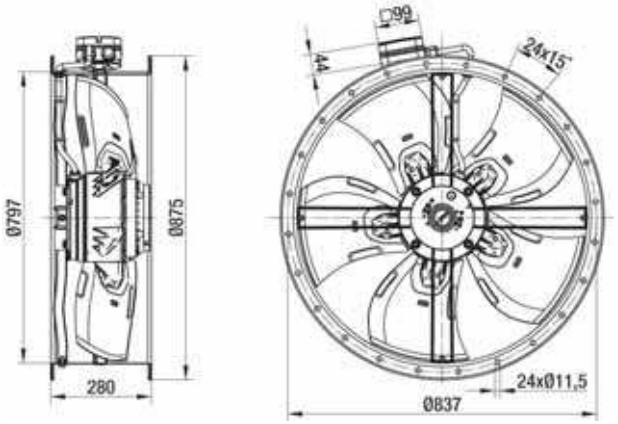
Type	Mass [kg]	u	v
S6D 800-AN01 -01	34.0	17.0	51.0
S6D 800-AO01 -01	34.0	17.0	51.0
S6D 800-AJ01 -01	38.0	27.0	76.0
S6D 800-AS01 -01	41.0	32.0	96.0
S6D 800-AP01 -01	41.0	27.0	96.0
S8D 800-AN01 -01	34.0	22.0	51.0
S8D 800-AT03 -01	38.0	32.0	76.0
S8D 800-AJ01 -01	38.0	27.0	76.0
SZD 800-AM03 -01	34.0	17.0	51.0



‹ "V"

In-line duct fan

Type	Mass [kg]
W6D 800-IJ01 -01	43.8

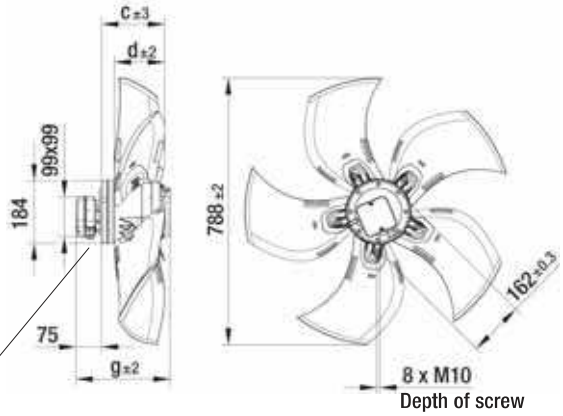


‹ "V"

AC axial fans

S series, Ø 800, drawings for direction of air flow "A"

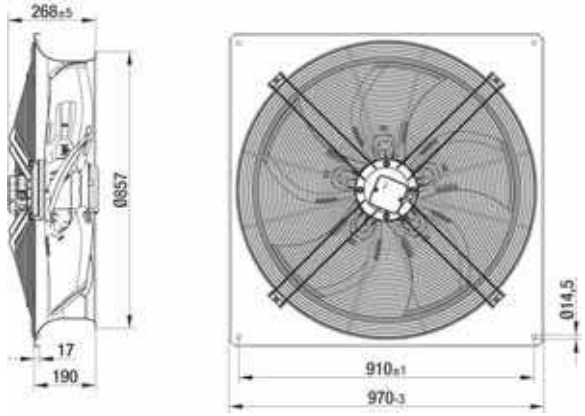
Without attachments



"A" ›

Type	Mass [kg]	c	d	g
A6D 800-AN01 -02	22.0	175.0	133.0	251.0
A6D 800-AO01 -02	22.0	165.0	188.0	251.0
A6D 800-AJ01 -02	26.0	185.0	147.0	276.0
A6D 800-AS01 -02	29.0	194.0	162.0	296.0
A6D 800-AP01 -02	29.0	185.0	147.0	296.0
A8D 800-AN01 -02	22.0	175.0	133.0	251.0
A8D 800-AT03 -02	26.0	194.0	162.0	276.0
A8D 800-AJ01 -02	26.0	185.0	147.0	276.0
AZD 800-AM03 -02	22.0	185.0	147.0	251.0

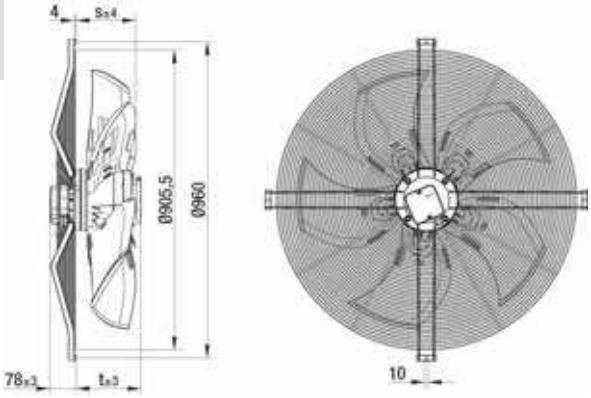
With full square nozzle



"A" ›

Type	Mass [kg]
W6D 800-DN01 -02	43.5
W6D 800-DO01 -02	43.5
W6D 800-DJ01 -02	47.5
W6D 800-DS01 -02	50.5
W6D 800-DP01 -02	50.5
W8D 800-DN01 -02	43.5
W8D 800-DT03 -02	47.5
W8D 800-DJ01 -02	47.5
WZD 800-DM03 -02	43.5

With guard grille for full nozzle

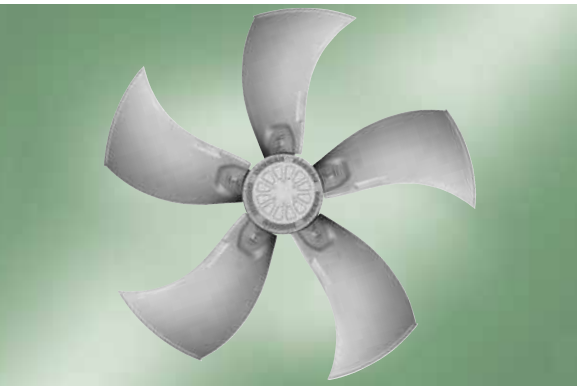


"A" ›

Type	Mass [kg]	s	t
S6D 800-BN01 -02	33.0	172.0	173.0
S6D 800-BO01 -02	33.0	162.0	173.0
S6D 800-BJ01 -02	37.0	182.0	198.0
S6D 800-BS01 -02	40.0	191.0	218.0
S6D 800-BP01 -02	40.0	182.0	218.0
S8D 800-BN01 -02	34.0	172.0	173.0
S8D 800-BT03 -02	37.0	191.0	198.0
S8D 800-BJ01 -02	37.0	182.0	198.0
SZD 800-BM03 -02	34.0	182.0	173.0

AC axial fans

S series, Ø 910



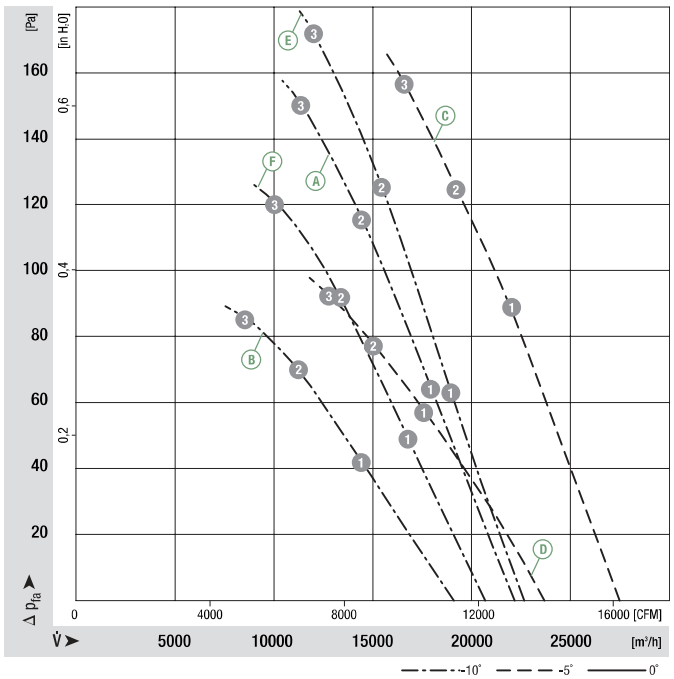
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***6D 910**	M6D 138-HF	-10°	Ⓐ	3~ 400 Δ	50	880	1.30	2.75	—	150	-40 to +60	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	670	0.81	1.56	—	85	-40 to +60	
***6D 910**	M6D 138-LA	-5°	Ⓒ	3~ 400 Δ	50	900	1.84	3.76	—	150	-40 to +60	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	700	1.20	2.24	—	88	-40 to +60	
***6D 910**	M6D 138-LA	-10°	Ⓔ	3~ 400 Δ	50	930	1.41	3.20	—	165	-40 to +75	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	780	1.03	1.90	—	115	-40 to +75	
***6D 910**	M6D 138-NA	0°	Ⓖ	3~ 400 Δ	50	890	2.45	5.20	—	160	-40 to +50	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	685	1.56	2.90	—	95	-40 to +50	
***6D 910**	M6D 138-NA	-5°	Ⓘ	3~ 400 Δ	50	920	1.96	4.50	—	170	-40 to +60	F1b)/F2b)
			Ⓙ	3~ 400 Y	50	760	1.37	2.55	—	115	-40 to +60	
***6D 910**	M6D 138-NA	-10°	Ⓚ	3~ 400 Δ	50	940	1.53	4.45	—	170	-40 to +70	F1b)/F2b)
			Ⓛ	3~ 400 Y	50	830	1.14	2.15	—	130	-40 to +70	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves

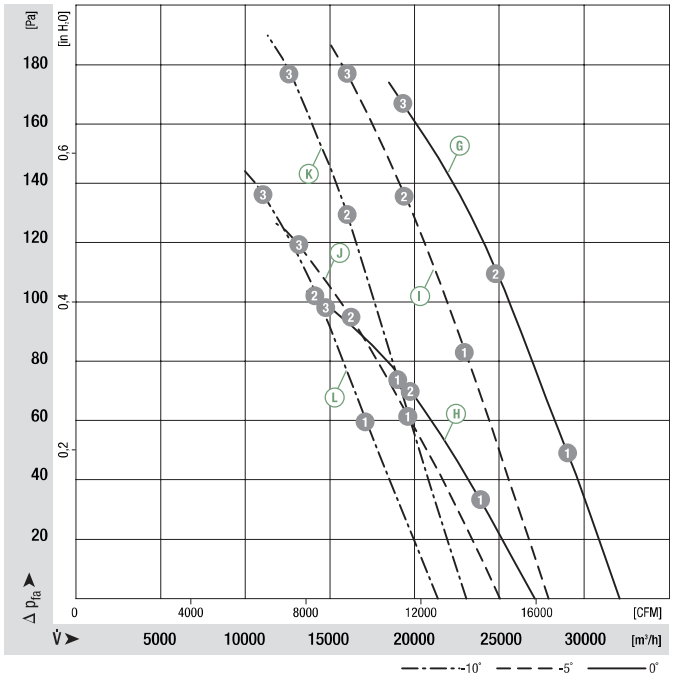


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	910	1.06	2.56	77
Ⓐ ②	890	1.21	2.72	78
Ⓐ ③	880	1.30	2.75	82
Ⓑ ①	740	0.72	1.36	72
Ⓑ ②	700	0.78	1.47	72
Ⓑ ③	670	0.81	1.56	74
Ⓒ ①	920	1.59	3.51	76
Ⓒ ②	910	1.72	3.67	77
Ⓒ ③	900	1.84	3.76	79
Ⓓ ①	745	1.10	2.01	71
Ⓓ ②	720	1.15	2.11	71
Ⓓ ③	700	1.20	2.24	72
Ⓔ ①	945	1.11	2.91	78
Ⓔ ②	935	1.27	3.08	79
Ⓔ ③	930	1.41	3.20	83
Ⓕ ①	840	0.85	1.56	75
Ⓕ ②	805	0.96	1.74	75
Ⓕ ③	780	1.03	1.90	78

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	With full square nozzle	With guard grille for full nozzle	With guard grille for short nozzle	With guard grille for full nozzle	With guard grille for short nozzle	In-line duct fan
"V"	A6D 910-A001 -01	W6D 910-G001 -01	S6D 910-C001 -01	S6D 910-A001 -01	—	—	—
"A"	A6D 910-A001 -02	W6D 910-D001 -02	—	—	S6D 910-B001 -02	—	—
"V"	A6D 910-AK01 -01	W6D 910-GK01 -01	S6D 910-CK01 -01	S6D 910-AK01 -01	—	—	—
"A"	A6D 910-AK01 -02	W6D 910-DK01 -02	—	—	S6D 910-BK01 -02	—	—
"V"	A6D 910-AL01 -01	W6D 910-GL01 -01	S6D 910-CL01 -01	S6D 910-AL01 -01	—	—	—
"A"	A6D 910-AL01 -02	W6D 910-DL01 -02	—	—	S6D 910-BL01 -02	—	—
"V"	A6D 910-AP01 -01	W6D 910-GP01 -01	S6D 910-CP01 -01	S6D 910-AP01 -01	—	—	—
"A"	A6D 910-AP01 -02	W6D 910-DP01 -02	—	—	S6D 910-BP01 -02	—	—
"V"	A6D 910-AQ01 -01	W6D 910-GQ01 -01	S6D 910-CQ01 -01	S6D 910-AQ01 -01	—	—	—
"A"	A6D 910-AQ01 -02	W6D 910-DQ01 -02	—	—	S6D 910-BQ01 -02	—	—
"V"	A6D 910-AR01 -01	W6D 910-GR01 -01	S6D 910-CR01 -01	S6D 910-AR01 -01	—	—	—
"A"	A6D 910-AR01 -02	W6D 910-DR01 -02	—	—	S6D 910-BR01 -02	—	—

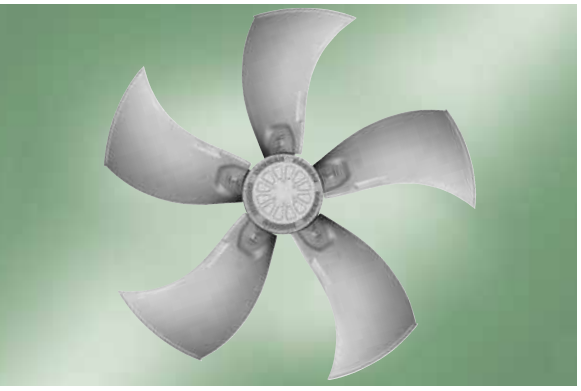
Curves



	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
G 1	920	1.99	4.65	76
G 2	905	2.24	4.95	76
G 3	890	2.45	5.20	79
H 1	760	1.39	2.57	72
H 2	725	1.49	2.76	70
H 3	685	1.56	2.90	72
I 1	940	1.64	4.33	77
I 2	930	1.82	4.51	78
I 3	920	1.96	4.50	80
J 1	810	1.20	2.23	73
J 2	780	1.30	2.40	73
J 3	760	1.37	2.55	75
K 1	960	1.24	4.27	78
K 2	950	1.40	4.35	80
K 3	940	1.53	4.45	83
L 1	875	0.94	1.79	76
L 2	850	1.05	1.97	77
L 3	830	1.14	2.15	80

AC axial fans

S series, Ø 910



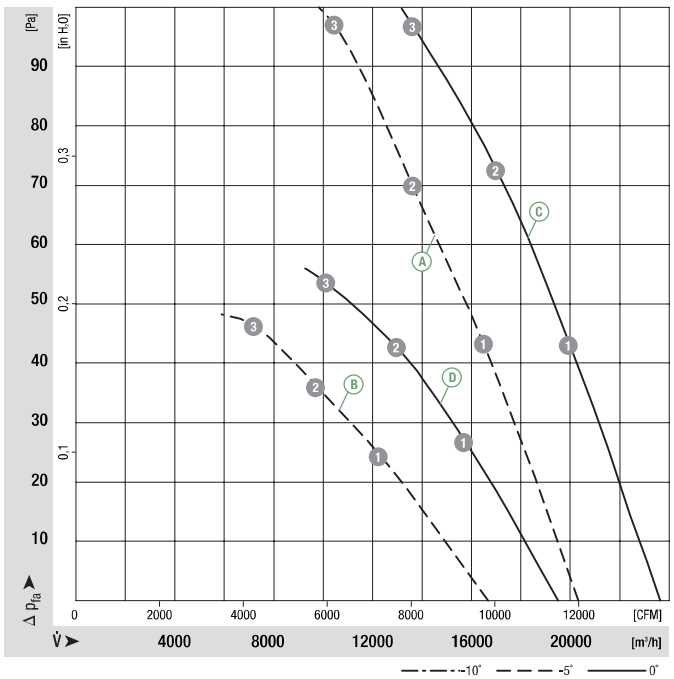
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black plastic
  Blades: Die-cast aluminium
  Rotor: Encased in aluminium
- **Number of blades:** 5
- **Direction of rotation:** Direction of air flow "V" clockwise, direction of air flow "A" counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (acc. to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** Any
- **Condensate discharge holes:** On rotor and stator side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Blade angle	Curve	Nominal voltage	Frequency	Speed/rpm (1)	Max. power input (1)	Max. current draw (1)	Capacitor	Max. operative range	Perm. amb. temp.	Electr. connection
Type	**Motor**			**VAC**	**Hz**	**rpm**	**kW**	**A**	**µF/VDB**	**Pa**	**°C**	p. 416 f.
***8D 910**	M8D 138-HF	-5°	Ⓐ	3~ 400 Δ	50	645	0.85	2.09	—	90	-40 to +60	F1b)/F2b)
			Ⓑ	3~ 400 Y	50	450	0.45	1.00	—	43	-40 to +60	
***8D 910**	M8D 138-LA	0°	Ⓒ	3~ 400 Δ	50	665	1.11	2.70	—	90	-40 to +65	F1b)/F2b)
			Ⓓ	3~ 400 Y	50	495	0.68	1.36	—	50	-40 to +65	
***ZD 910**	MZD 138-HF	0°	Ⓔ	3~ 400 Δ	50	425	0.42	1.15	—	40	-40 to +70	F1b)/F2b)
			Ⓕ	3~ 400 Y	50	315	0.22	0.50	—	21	-40 to +70	
***ZD 910**	MZD 138-HF	-5°	Ⓖ	3~ 400 Δ	50	430	0.32	0.86	—	42	-40 to +100	F1b)/F2b)
			Ⓗ	3~ 400 Y	50	320	0.17	0.40	—	22	-40 to +100	

subject to alterations

(1) Nominal data in operating point ③ with maximum load

Curves



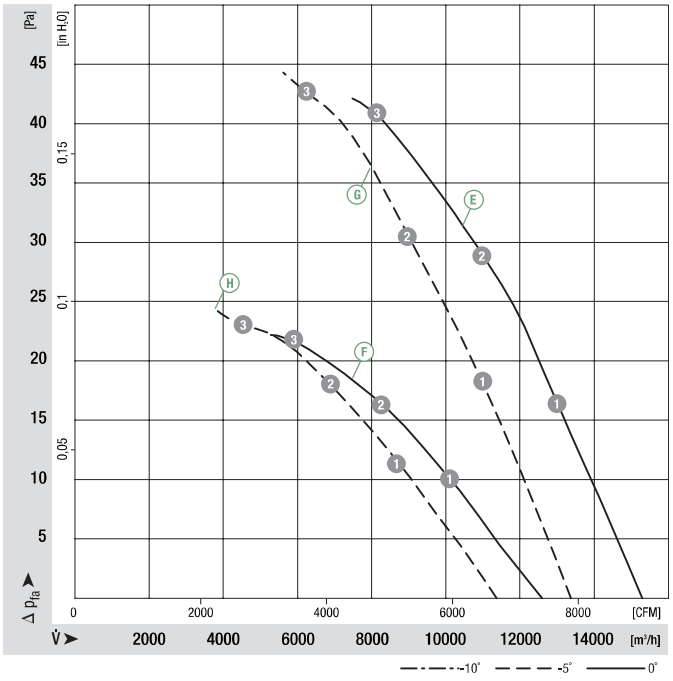
	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
Ⓐ ①	670	0.73	1.94	68
Ⓐ ②	655	0.80	2.03	68
Ⓐ ③	645	0.85	2.09	69
Ⓑ ①	500	0.43	0.95	62
Ⓑ ②	460	0.44	0.99	60
Ⓑ ③	450	0.45	1.00	60
Ⓒ ①	685	0.94	2.49	69
Ⓒ ②	675	1.03	2.57	69
Ⓒ ③	665	1.11	2.70	71
Ⓓ ①	540	0.62	1.23	64
Ⓓ ②	515	0.65	1.30	63
Ⓓ ③	495	0.68	1.36	64

- **Motor protection:** Design with thermal overload protector
- **Cable exit:** Via terminal box
- **Protection class: I** (acc. to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (acc. to EN 60034)

Direction of air flow

	❮ "V"/"A" ❯	❮ "V"/"A" ❯	❮ "V"	❮ "V"	"A" ❯	"A" ❯	❮ "V"
	Without attachments	**With full square nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**With guard grille for full nozzle**	**With guard grille for short nozzle**	**In-line duct fan**
"V"	A8D 910-AN07 -01	W8D 910-GN07 -01	S8D 910-CN07 -01	S8D 910-AN07 -01	—	—	—
"A"	A8D 910-AN07 -02	W8D 910-DN07 -02	—	—	S8D 910-BN07 -02	—	—
"V"	A8D 910-AJ03 -01	W8D 910-GJ03 -01	S8D 910-CJ03 -01	S8D 910-AJ03 -01	—	—	—
"A"	A8D 910-AJ03 -02	W8D 910-DJ03 -02	—	—	S8D 910-BJ03 -02	—	—
"V"	AZD 910-AM03 -01	WZD 910-GM03 -01	SZD 910-CM03 -01	SZD 910-AM03 -01	—	—	—
"A"	AZD 910-AM03 -02	WZD 910-DM03 -02	—	—	SZD 910-BM03 -02	—	—
"V"	AZD 910-AN05 -01	WZD 910-GN05 -01	SZD 910-CN05 -01	SZD 910-AN05 -01	—	—	—
"A"	AZD 910-AN05 -02	WZD 910-DN05 -02	—	—	SZD 910-BN05 -02	—	—

Curves

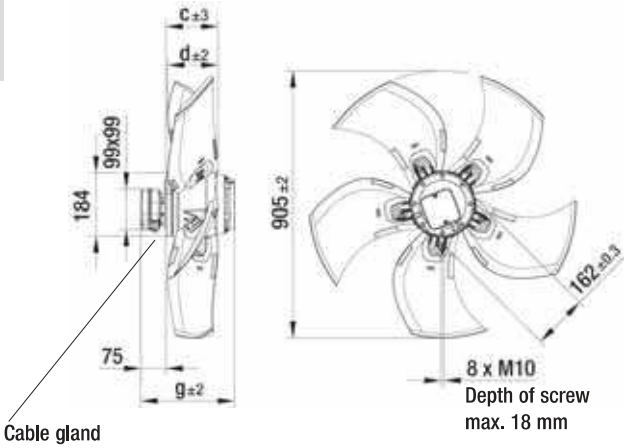


	n [rpm]	P_1 [kW]	I [A]	Lw_A [dB(A)]
E 1	445	0.36	1.11	61
E 2	435	0.39	1.13	59
E 3	425	0.42	1.15	61
F 1	345	0.20	0.46	54
F 2	330	0.21	0.48	53
F 3	315	0.22	0.50	53
G 1	450	0.27	0.81	60
G 2	440	0.29	0.84	59
G 3	430	0.32	0.86	61
H 1	360	0.16	0.36	54
H 2	340	0.17	0.38	53
H 3	320	0.17	0.40	53

AC axial fans

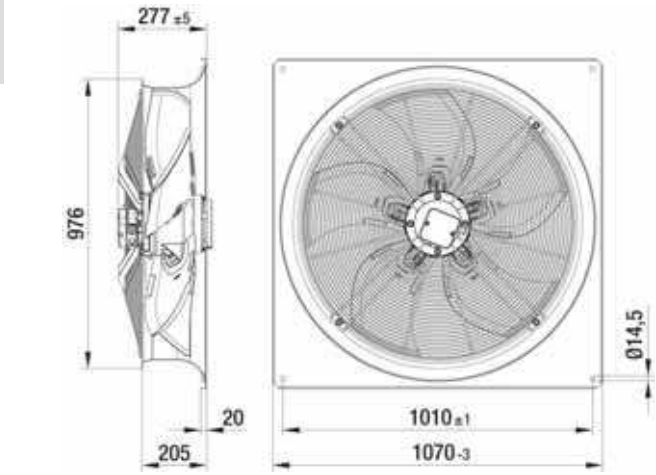
S series, Ø 910, drawings for direction of air flow "V"

Without attachments



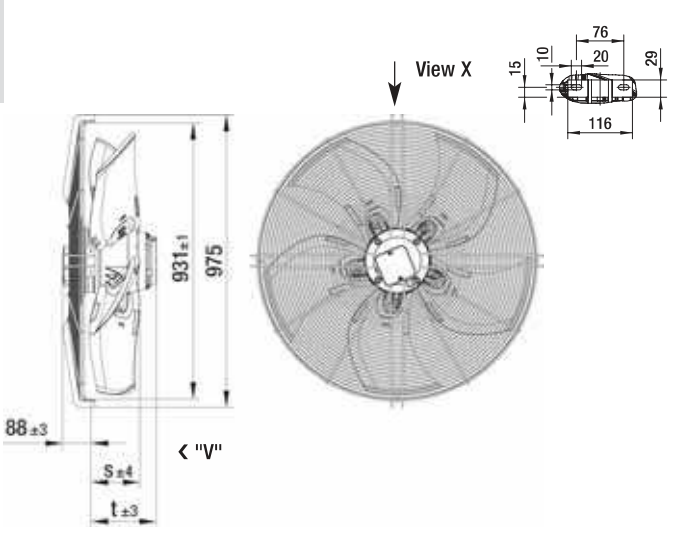
Type	Mass [kg]	c	d	g
A6D 910-AO01 -01	22.0	147.0	104.0	251.0
A6D 910-AK01 -01	27.0	152.0	115.0	276.0
A6D 910-AL01 -01	27.0	147.0	104.0	276.0
A6D 910-AP01 -01	30.0	156.0	123.0	296.0
A6D 910-AQ01 -01	30.0	152.0	115.0	296.0
A6D 910-AR01 -01	30.0	147.0	104.0	296.0
A8D 910-AN07 -01	22.0	152.0	115.0	251.0
A8D 910-AJ03 -01	27.0	156.0	123.0	276.0
AZD 910-AM03 -01	22.0	157.0	123.0	251.0
AZD 910-AN05 -01	22.0	152.0	115.0	251.0

With full square nozzle



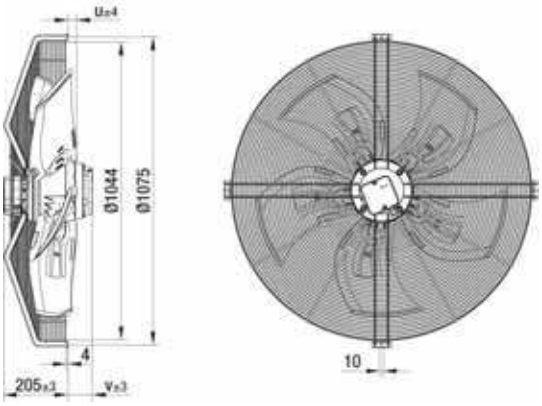
Type	Mass [kg]
W6D 910-GO01 -01	42.0
W6D 910-GK01 -01	47.0
W6D 910-GL01 -01	47.0
W6D 910-GP01 -01	50.0
W6D 910-GQ01 -01	50.0
W6D 910-GR01 -01	50.0
W8D 910-GN07 -01	42.0
W8D 910-GJ03 -01	47.0
WZD 910-GM03 -01	42.0
WZD 910-GN05 -01	42.0

With guard grille for full nozzle



Type	Mass [kg]	s	t
S6D 910-CO01 -01	33.0	134.0	163.0
S6D 910-CK01 -01	38.0	139.0	188.0
S6D 910-CL01 -01	38.0	134.0	188.0
S6D 910-CP01 -01	41.0	143.0	208.0
S6D 910-CQ01 -01	41.0	139.0	208.0
S6D 910-CR01 -01	41.0	134.0	208.0
S8D 910-CN07 -01	33.0	139.0	163.0
S8D 910-CJ03 -01	38.0	143.0	188.0
SZD 910-CM03 -01	33.0	143.0	163.0
SZD 910-CN05 -01	33.0	139.0	163.0

With guard grille for short nozzle



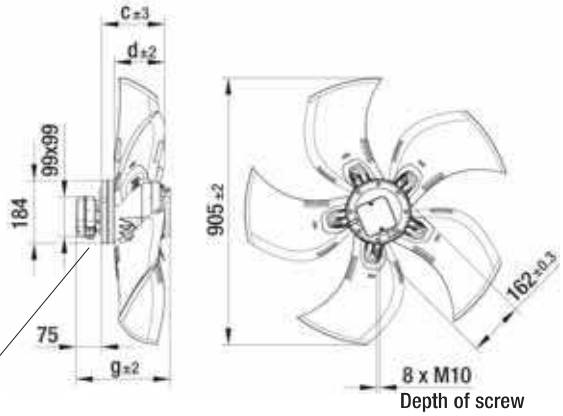
‹ "V"

Type	Mass [kg]	u	v
S6D 910-AO01 -01	35.0	17.0	46.0
S6D 910-AK01 -01	40.0	22.0	71.0
S6D 910-AL01 -01	40.0	17.0	71.0
S6D 910-AP01 -01	43.0	26.0	91.0
S6D 910-AQ01 -01	43.0	22.0	91.0
S6D 910-AR01 -01	43.0	17.0	91.0
S8D 910-AN07 -01	35.0	22.0	46.0
S8D 910-AJ03 -01	40.0	26.0	71.0
SZD 910-CM03 -01	35.0	26.0	46.0
SZD 910-CN05 -01	35.0	22.0	46.0

AC axial fans

S series, Ø 910, drawings for direction of air flow "A"

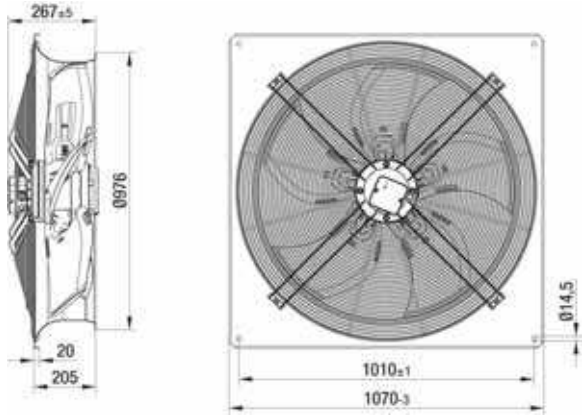
Without attachments



"A" ›

Type	Mass [kg]	c	d	g
A6D 910-AO01 -02	22.0	145.0	104.0	251.0
A6D 910-AK01 -02	27.0	154.0	115.0	276.0
A6D 910-AL01 -02	27.0	145.0	104.0	276.0
A6D 910-AP01 -02	30.0	157.0	123.0	296.0
A6D 910-AQ01 -02	30.0	154.0	115.0	296.0
A6D 910-AR01 -02	30.0	145.0	104.0	296.0
A8D 910-AN07 -02	22.0	154.0	115.0	251.0
A8D 910-AJ03 -02	27.0	157.0	123.0	276.0
AZD 910-AM03 -02	22.0	157.0	123.0	251.0
AZD 910-AN05 -02	22.0	154.0	115.0	251.0

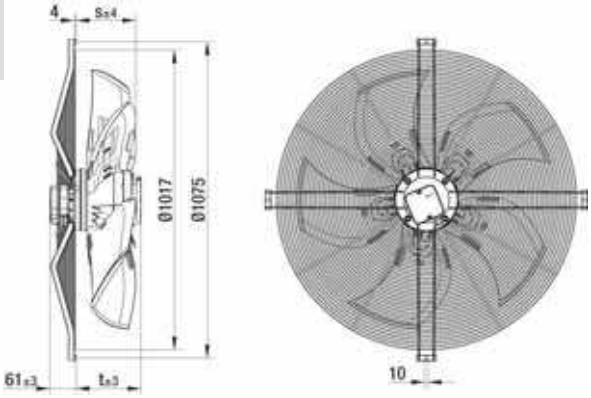
With full square nozzle



"A" ›

Type	Mass [kg]
W6D 910-DO01 -02	43.5
W6D 910-DK01 -02	48.5
W6D 910-DL01 -02	48.5
W6D 910-DP01 -02	51.5
W6D 910-DQ01 -02	51.5
W6D 910-DR01 -02	51.5
W8D 910-DN07 -02	43.5
W8D 910-DJ03 -02	48.5
WZD 910-DM03 -02	43.5
WZD 910-DN05 -02	43.5

With guard grille for full nozzle



"A" ›

Type	Mass [kg]	s	t
S6D 910-BO01 -02	34.0	159.0	195.0
S6D 910-BK01 -02	39.0	168.0	215.0
S6D 910-BL01 -02	39.0	159.0	215.0
S6D 910-BP01 -02	42.0	171.0	235.0
S6D 910-BQ01 -02	42.0	168.0	235.0
S6D 910-BR01 -02	42.0	159.0	235.0
S8D 910-BN07 -02	34.0	168.0	195.0
S8D 910-BJ03 -02	39.0	171.0	215.0
SZD 910-BM03 -02	34.0	171.0	195.0
SZD 910-BN05 -02	34.0	168.0	195.0







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