EC axial fans mains-powered

S series, Ø 350



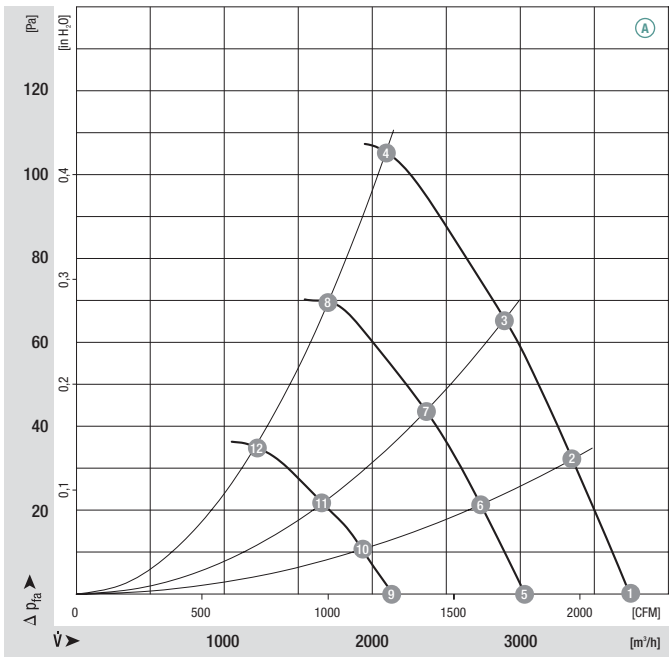
- **Material:** Guard grille: Steel, phosphated and coated in black plastic
  Wall ring: Sheet steel, pre-galvanised and coated in black
  Blades: Sheet steel, coated in black
  Rotor: Coated in black
  Electronics enclosure: Die-cast aluminium, coated in black
- **Number of blades:** 5
- **Direction of rotation:** Dir. of air flow "V" counter-clockwise, "A" clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Shaft horizontal or rotor on bottom (rotor on top on request)
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage range	Frequency	Speed/rpm	Max. power input (1)	Max. current draw (1)	Max. operative range	Perm. amb. temp.	Mass without attachments	Electr. connection
Type	**Motor**		**VAC**	**Hz**	**rpm**	**W**	**A**	**Pa**	**°C**	**kg**	p. 423
***3G 350**	M3G 074-CF	Ⓐ	1~ 100-130	50/60	1600	170	2.20	100	-25 to +60	2.9	J1)
***3G 350**	M3G 074-CF	Ⓑ	1~ 200-277	50/60	1540	170	1.30	100	-25 to +60	2.9	J1)

subject to alterations

(1) Nominal data in operating point with maximum load and 115 or 230 VAC

Curves



	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]	η_{tL} [%]
Ⓐ 1	1600	165	2.10	66	—
Ⓐ 2	1540	167	2.10	66	68
Ⓐ 3	1490	167	2.10	64	72
Ⓐ 4	1410	167	2.10	61	60
Ⓐ 5	1300	91	1.20	62	—
Ⓐ 6	1250	91	1.20	61	68
Ⓐ 7	1210	92	1.20	59	70
Ⓐ 8	1150	91	1.20	55	59
Ⓐ 9	910	36	0.50	54	—
Ⓐ 10	880	35	0.50	52	62
Ⓐ 11	850	35	0.50	50	64
Ⓐ 12	820	35	0.50	46	55

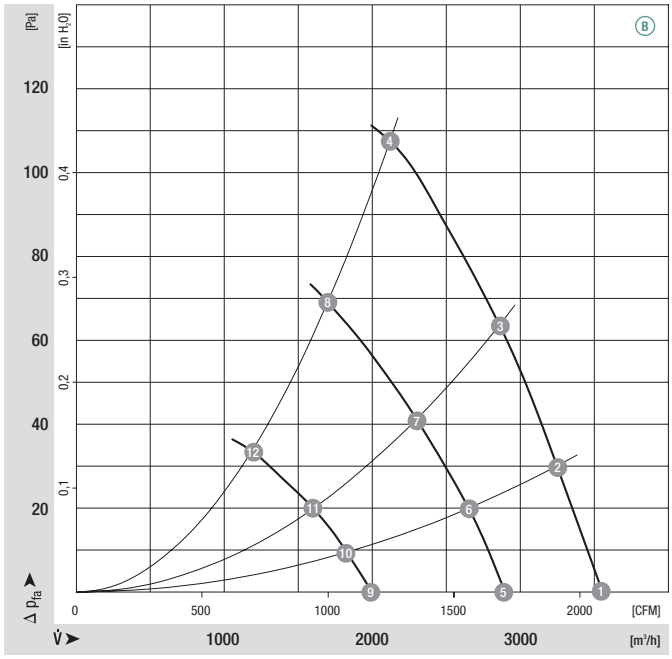
ebmpapst

- **Technical features:**
  - PFC (passive)
  - Control input 0-10 VDC / PWM
  - Output 10 VDC max. 1.1 mA
  - Tach output
  - Over-temperature protected electronics / motor
- **EMC:** Interference emission acc. to EN 61000-6-3
  Interference immunity acc. to EN 61000-6-2
  Harmonics acc. to EN 61000-3-2/3
- **Leakage current:** < 3.5 mA acc. to EN 60950-1
- **Cable exit:** Variable
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, EN 61800-5-1, EN 60950-1, CE
- **Approvals:** VDE, UL, CSA, CCC, GOST are applied for

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"	A3G 350-AA76 -01	W3G 350-CA76 -01	S3G 350-BA76 -01	S3G 350-AA76 -01
"A"	A3G 350-AA76 -02	W3G 350-CA76 -02	S3G 350-BA76 -02	S3G 350-AA76 -02
"V"	A3G 350-AA58 -01	W3G 350-CA58 -01	S3G 350-BA58 -01	S3G 350-AA58 -01
"A"	A3G 350-AA58 -02	W3G 350-CA58 -02	S3G 350-BA58 -02	S3G 350-AA58 -02

Curves



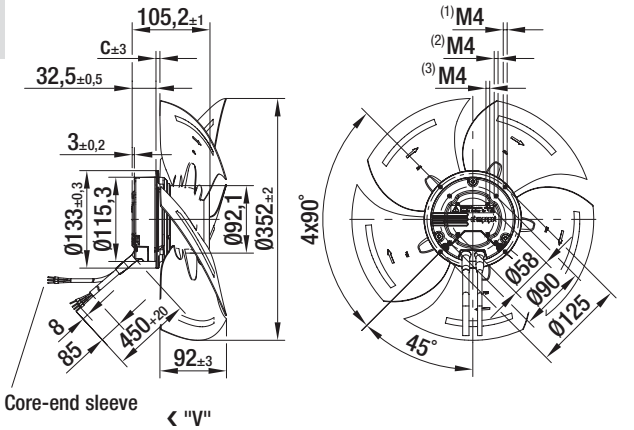
	n [rpm]	P_1 [W]	I [A]	Lp_A [dB(A)]	η_{tL} [%]
B 1	1540	150	1.20	67	—
B 2	1520	162	1.20	66	62
B 3	1490	168	1.30	64	66
B 4	1430	167	1.20	61	61
B 5	1260	87	0.70	61	—
B 6	1240	91	0.70	60	60
B 7	1200	90	0.70	58	64
B 8	1150	91	0.70	55	57
B 9	870	33	0.30	51	—
B 10	850	35	0.30	50	58
B 11	840	34	0.30	48	63
B 12	810	34	0.30	45	57

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

Without attachments

Type		c
A3G 350-AA76 -01	"V"	7.0
A3G 350-AA76 -02	"A"	-12.0
A3G 350-AA58 -01	"V"	7.0
A3G 350-AA58 -02	"A"	-12.0

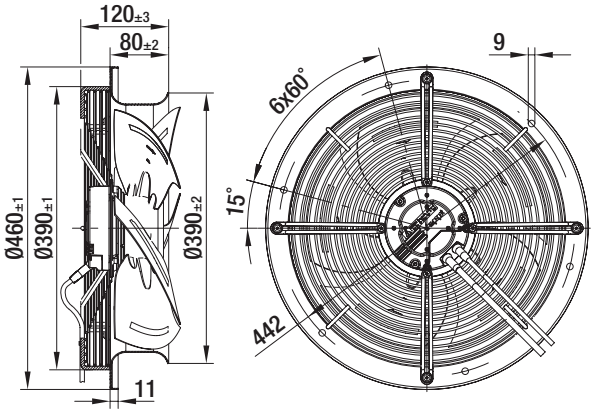


‹ "V"
"A" ›

(1) Depth of screw max. 8 mm (pilot hole for self-tapping thread)
(2) Depth of screw max. 6 mm (pilot hole for self-tapping thread)
(3) Depth of screw 8-10 mm

With full round nozzle

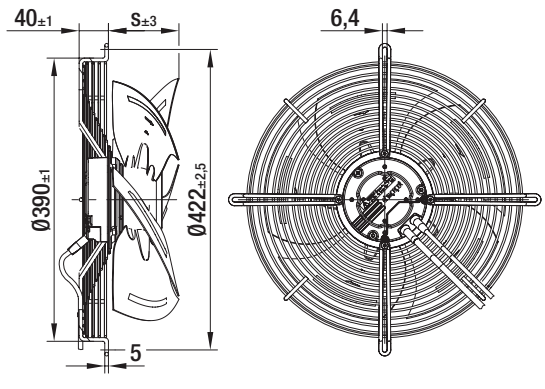
Type	
W3G 350-CA76 -01	"V"
W3G 350-CA76 -02	"A"
W3G 350-CA58 -01	"V"
W3G 350-CA58 -02	"A"



‹ "V"
"A" ›

With guard grille for full nozzle

Type		s
S3G 350-BA76 -01	"V"	99.0
S3G 350-BA76 -02	"A"	80.0
S3G 350-BA58 -01	"V"	99.0
S3G 350-BA58 -02	"A"	80.0



‹ "V"
"A" ›