AC axial fans

A-Range, Ø 200



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst · Mulfingen

Nominal data

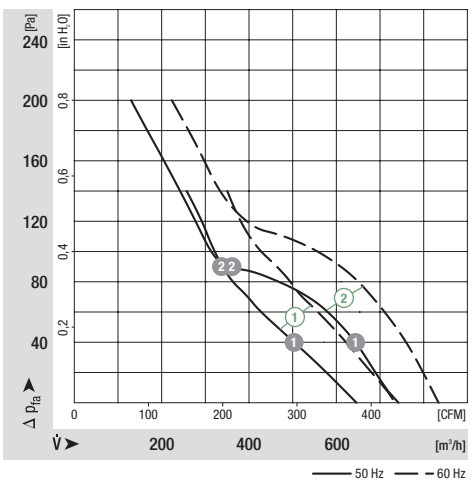
Type	Motor	Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. back pressure	Perm. amb. temp.	Mass
			VAC	Hz	m^3/h	min^{-1}	W	A	µF/VDB	dB(A)	Pa	°C	kg
*2D 200[1]	M2D068-CF	①	230/400 230/400	50 60	830 940	2800 3150	53 70	0,15 0,14	--- ---	67 70	140 140	75 75	1,7
*2E 200	M2E068-CA	②	230 230	50 60	740 830	2740 3120	50 61	0,24 0,28	1,5/400 1,5/400	65 69	200 200	75 75	1,4
*4D 200[1]	M4D068-CF	③	230/400 230/400	50 60	390 460	1450 1730	22 21	0,09 0,07	--- ---	51 55	70 100	60 80	1,5
*4S 200	M4S068-BF	④	230 230	50 60	375 445	1380 1630	40 34	0,30 0,24	--- ---	52 53	60 80	50 65	1,2

subject to alterations

[1] current draw established at 400 VAC (Y)

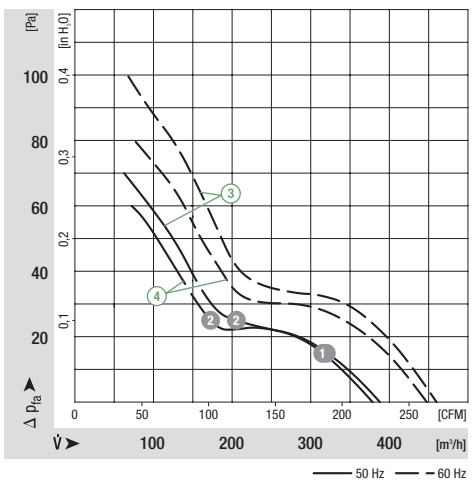
		n [min^{-1}]	P_1 [W]
①	1	2785	53
①	2	2770	55
②	1	2670	51
②	2	2670	50

Characteristics



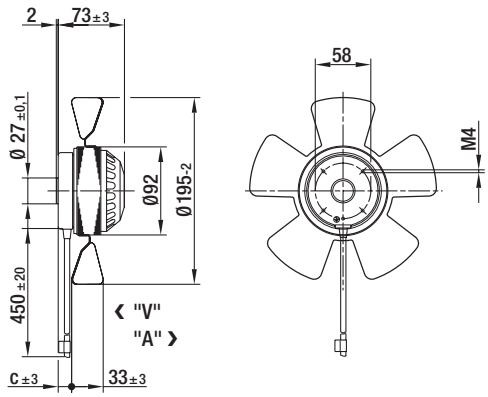
		n [min^{-1}]	P_1 [W]
③	1	1460	24
③	2	1460	24
④	1	1375	40
④	2	1380	39

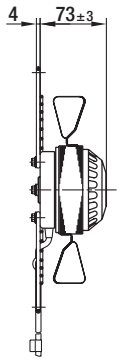
Characteristics

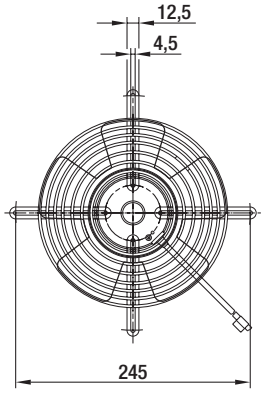


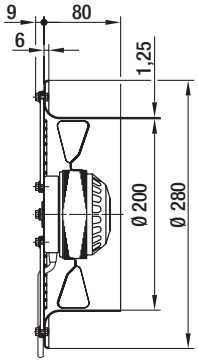
ebmpapst

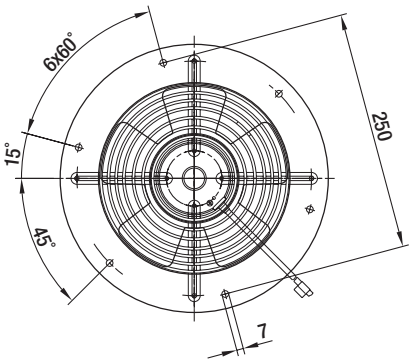
Selection	Cable exit	Direction of air flow				Dimensions
Type	**S/A/B**					**c**
***2D 200**	S	"V"	A2D200-AA02 -01	S2D200-BA02 -01	W2D200-CA02 -01	21
		"A"	A2D200-AA02 -02	S2D200-BA02 -02	W2D200-CA02 -02	21
***2E 200**	B	"V"	A2E200-AF02 -01	S2E200-BF02 -01	W2E200-CF02 -01	21
		"A"	A2E200-AF02 -02	S2E200-BF02 -02	W2E200-CF02 -02	21
***4D 200**	S	"V"	A4D200-AA04 -01	S4D200-BA04 -01	W4D200-CA04 -01	20
		"A"	A4D200-AA04 -02	S4D200-BA04 -02	W4D200-CA04 -02	20
***4S 200**	S	"V"	A4S200-AA02 -01	S4S200-BA02 -01	W4S200-CA02 -01	20
		"A"	A4S200-AA02 -02	S4S200-BA02 -02	W4S200-CA02 -02	20











Guard grille p. 199
Wall ring p. 206 f.
Capacitor p. 214 f.
Terminal box p. 216

AC axial fans

A-Range, Ø 250



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst · Mulfingen

Nominal data

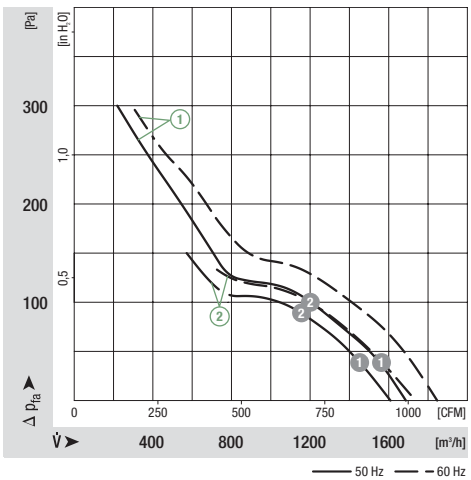
Type	Motor	Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. back pressure	Perm. amb. temp.	Mass
			VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	Pa	°C	kg
*2D 250[1]	M2D068-DF	①	230/400 230/400	50 60	1685 1845	2650 2950	110 160	0,22 0,26	--- ---	72 75	300 300	70 40	2,2
*2E 250	M2E068-DF	②	230 230	50 60	1610 1740	2550 2750	115 165	0,51 0,74	4,0/400 4,0/400	72 73	150 130	55 50	2,2
*4D 250[1]	M4D068-CF	③	230/400 230/400	50 60	890 1035	1420 1650	30 35	0,09 0,08	--- ---	58 62	90 100	75 75	1,6
*4S 250	M4S068-CF	④	230 230	50 60	870 1000	1400 1620	72 67	0,53 0,46	--- ---	58 62	80 100	40 50	1,7

subject to alterations

[1] current draw established at 400 VAC (Y)

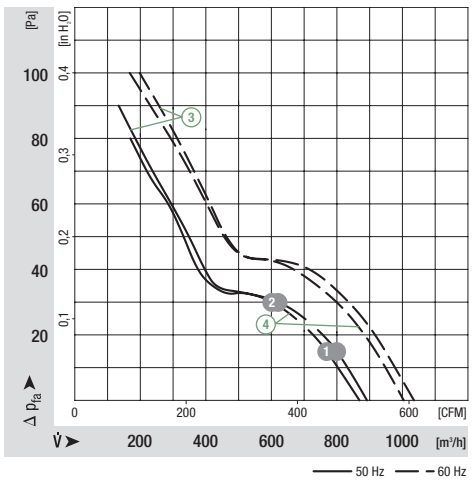
		n [min⁻¹]	P1 [W]
①	1	2645	123
①	2	2615	131
②	1	2520	122
②	2	2480	126

Characteristics



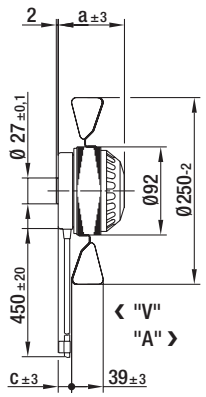
		n [min⁻¹]	P1 [W]
③	1	1420	32
③	2	1410	33
④	1	1400	70
④	2	1395	71

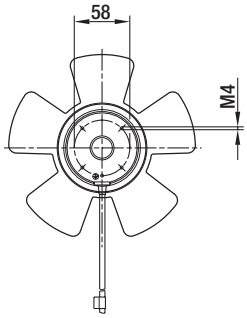
Characteristics

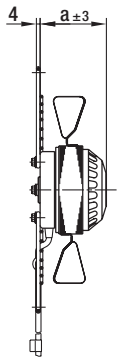


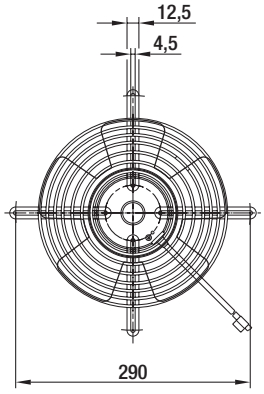
ebmpapst

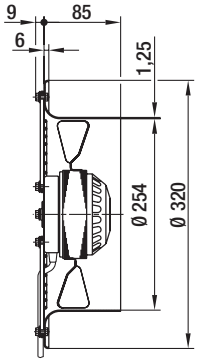
Selection	Cable exit	Direction of air flow				Dimensions	
Type	S/A/B					a	c
*2D 250	S	"V"	A2D250-AA02 -01	S2D250-BA02 -01	W2D250-CA02 -01	83	27
		"A"	A2D250-AA02 -02	S2D250-BA02 -02	W2D250-CA02 -02	83	27
*2E 250	B	"V"	A2E250-AE65 -01	S2E250-BE65 -01	W2E250-CE65 -01	83	27
		"A"	A2E250-AE65 -02	S2E250-BE65 -02	W2E250-CE65 -02	83	27
*4D 250	S	"V"	A4D250-AA04 -01	S4D250-BA04 -01	W4D250-CA04 -01	73	19
		"A"	A4D250-AA04 -02	S4D250-BA04 -02	W4D250-CA04 -02	73	19
*4S 250	S	"V"	A4S250-AA02 -01	S4S250-BA02 -01	W4S250-CA02 -01	73	19
		"A"	A4S250-AA02 -02	S4S250-BA02 -02	W4S250-CA02 -02	73	19

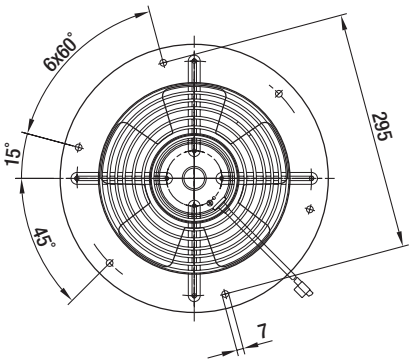












AC axial fans

A-Range, Ø 300



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst · Mulfingen

Nominal data

Type	Motor	Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. back pressure	Perm. amb. temp.	Mass
			VAC	Hz	m^3/h	min^{-1}	W	A	µF/VDB	dB(A)	Pa	°C	kg
*2D 300[1]	M2D068-EC	①	230/400	50	2760	2650	180	0,31	---	76	150	60	2,7
			230/400	60	2940	2800	270	0,41	---	77	100	40	
*2E 300	M2E068-EC	②	230	50	2440	2650	140	0,62	5,0/400	75	150	55	2,5
			230	60	2700	2900	190	0,83	5,0/400	78	150	50	
*4D 300[1]	M4D068-DF	③	230/400	50	1740	1370	85	0,21	---	66	100	55	2,3
			230/400	60	1910	1520	110	0,22	---	68	110	40	
*4E 300	M4E068-DF	④	230	50	1690	1350	95	0,44	3,0/400	65	120	45	2,3
			230	60	1830	1450	105	0,47	2,0/400	66	100	40	
*4S 300	M4S068-DF	⑤	230	50	1440	1380	94	0,67	---	62	75	30	2,1
			230	60	1600	1550	94	0,67	---	64	60	40	

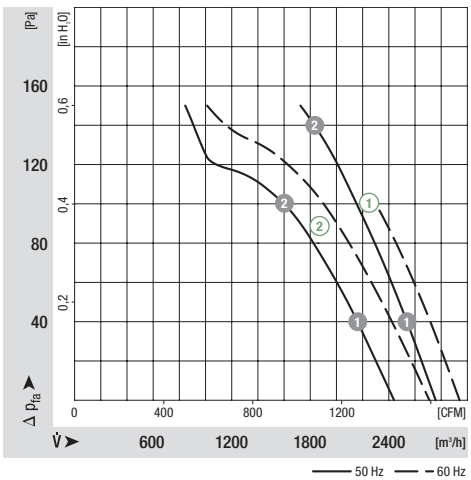
subject to alterations

[1] current draw established at 400 VAC (Y)

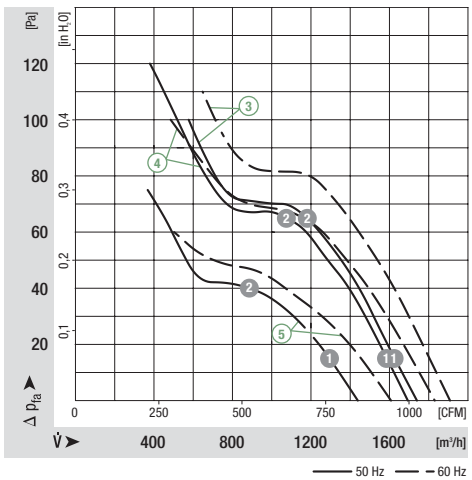
		n [min^{-1}]	P_1 [W]
①	1	2610	190
①	2	2535	220
②	1	2600	149
②	2	2530	162

		n [min^{-1}]	P_1 [W]
③	1	1360	86
③	2	1345	94
④	1	1345	96
④	2	1315	101
⑤	1	1375	92
⑤	2	1360	94

Characteristics

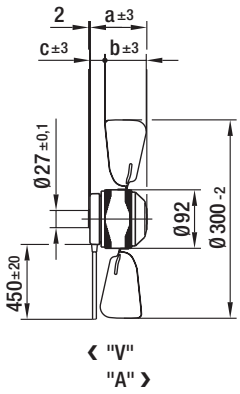


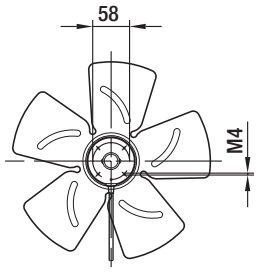
Characteristics

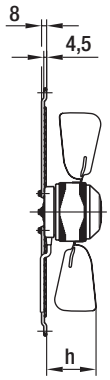


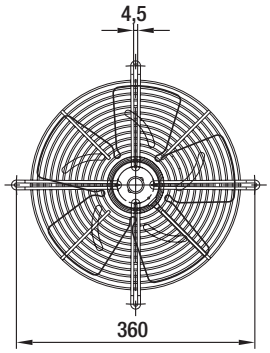
ebmpapst

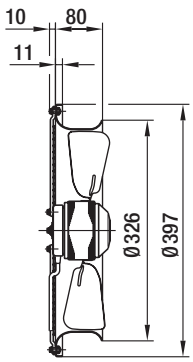
Selection	Cable exit	Direction of air flow				Dimensions			
Type	S/A/B					a	b	c	h
*2D 300	S	"V"	A2D300-AD02 -01	S2D300-BD02 -01	W2D300-CD02 -01	101	30	32	64
		"A"	A2D300-AD02 -02	S2D300-BD02 -02	W2D300-CD02 -02	101	30	32	64
*2E 300	S	"V"	A2E300-AC47 -01	S2E300-BC47 -01	W2E300-CC47 -01	98	20	30	50
		"A"	A2E300-AC47 -02	S2E300-BC47 -02	W2E300-CC47 -02	98	20	30	37
*4D 300	S	"V"	A4D300-AA02 -01	S4D300-BA02 -01	W4D300-CA02 -01	83	56	20	73
		"A"	A4D300-AA02 -02	S4D300-BA02 -02	W4D300-CA02 -02	83	56	20	73
*4E 300	S	"V"	A4E300-AA01 -01	S4E300-BA01 -01	W4E300-CA01 -01	83	56	20	73
		"A"	A4E300-AA01 -02	S4E300-BA01 -02	W4E300-CA01 -02	83	56	20	73
*4S 300	S	"V"	A4S300-AA02 -01	S4S300-BA02 -01	W4S300-CA02 -01	83	30	20	52
		"A"	A4S300-AA02 -02	S4S300-BA02 -02	W4S300-CA02 -02	83	30	20	52

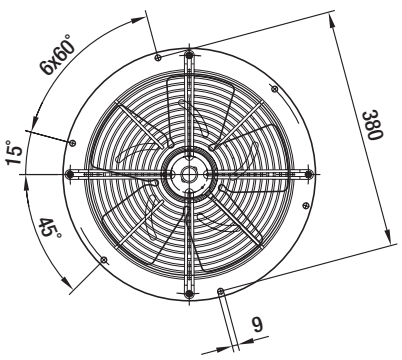












Guard grille p. 199
Wall ring p. 206 f.
Capacitor p. 214 f.
Terminal box p. 216

AC axial fans

A-Range, Ø 315



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst · Mulfingen

Nominal data		Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. back pressure	Perm. amb. temp.	Mass
Type	**Motor**		**VAC**	**Hz**	**m³/h**	**min⁻¹**	**W**	**A**	**µF/VDB**	**dB(A)**	**Pa**	**°C**	**kg**
***4D 315**[1]	M4D068-EC	①	230/400 230/400	50 60	1990 2260	1400 1590	78 115	0,19 0,21	--- ---	65 68	150 150	80 60	2,8
***4E 315**[2]	M4E068-EC	②	230 230	50 60	1950 2230	1400 1610	120 135	0,53 0,60	5,0/400 4,0/400	67 70	180 120	50 45	2,8

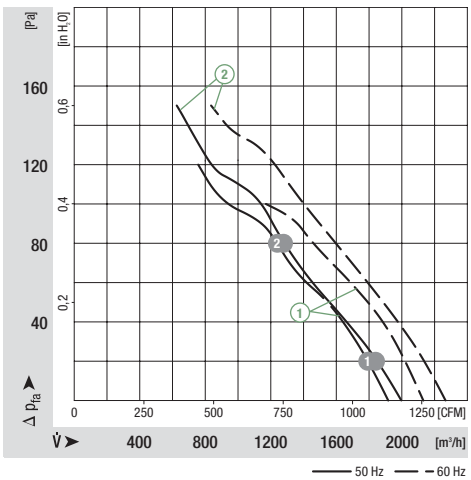
subject to alterations

[1] current draw established at 400 VAC (Y)

[2] insulation class "F"

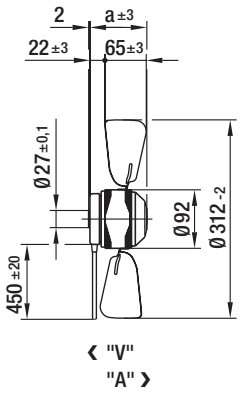
		n [min⁻¹]	P_1 [W]
①	1	1390	82
①	2	1370	95
②	1	1395	123
②	2	1360	136

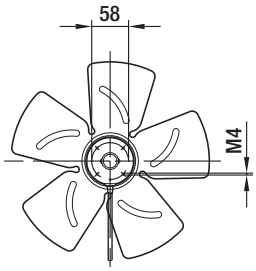
Characteristics

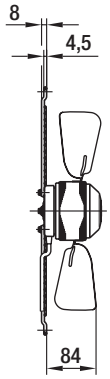


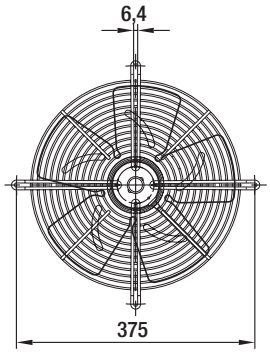
ebmpapst

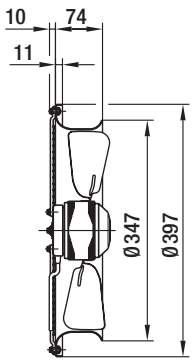
Selection	Cable exit	Direction of air flow				Dimensions
Type	S/A/B					a
*4D 315	S	"V"	A4D315-AC20 -01	S4D315-BC20 -01	W4D315-CC20 -01	101
		"A"	A4D315-AC20 -02	S4D315-BC20 -02	W4D315-CC20 -02	101
*4E 315	S	"V"	A4E315-AA05 -01	S4E315-BA05 -01	W4E315-CA05 -01	92
		"A"	A4E315-AA05 -02	S4E315-BA05 -02	W4E315-CA05 -02	92

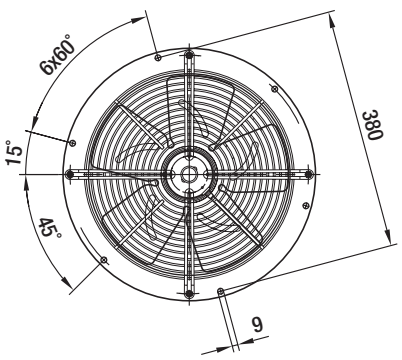












ebmpapst

Guard grille p. 199
Wall ring p. 206 f.
Capacitor p. 214 f.
Terminal box p. 216

AC axial fans

A-Range, Ø 350



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** direction of air flow "V" counter-clockwise, direction of air flow "A" clockwise
- **Type of protection:** IP 44

ebm-papst · Mulfingen

Nominal data

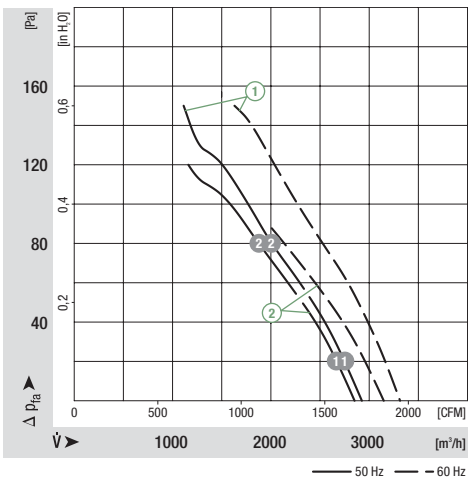
Type	Motor	Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Max. back pressure	Perm. amb. temp.	Mass
			VAC	Hz	m^3/h	min^{-1}	W	A	µF/VDB	dB(A)	Pa	°C	kg
*4D 350[1]	M4D068-EC	①	230/400	50	2900	1420	145	0,39	---	69	150	45	3,1
			230/400	60	3300	1620	190	0,36	---	72	150	40	
*4E 350	M4E068-EC	②	230	50	2850	1390	140	0,62	5,0/400	68	120	60	3,1
			230	60	3190	1550	195	0,86	5,0/400	70	90	40	

subject to alterations

[1] current draw established at 400 VAC (Y)

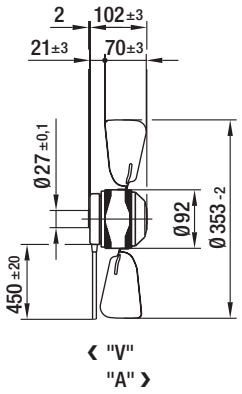
		n [min^{-1}]	P_1 [W]
①	1	1405	154
①	2	1390	169
②	1	1375	147
②	2	1345	161

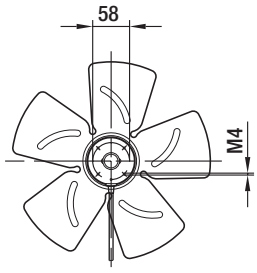
Characteristics

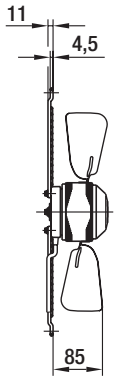


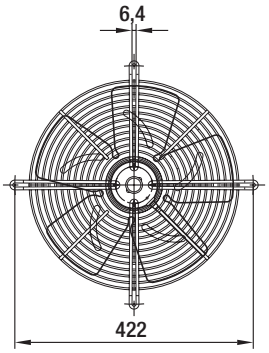
ebmpapst

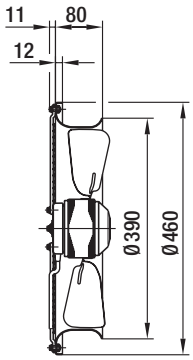
Selection	Cable exit	Direction of air flow			
Type	**S/A/B**				
***4D 350**	S	"V"	A4D350-AA06 -01	S4D350-BA06 -01	W4D350-CA06 -01
		"A"	A4D350-AA06 -02	S4D350-BA06 -02	W4D350-CA06 -02
***4E 350**	S	"V"	A4E350-AA06 -01	S4E350-BA06 -01	W4E350-CA06 -01
		"A"	A4E350-AA06 -02	S4E350-BA06 -02	W4E350-CA06 -02

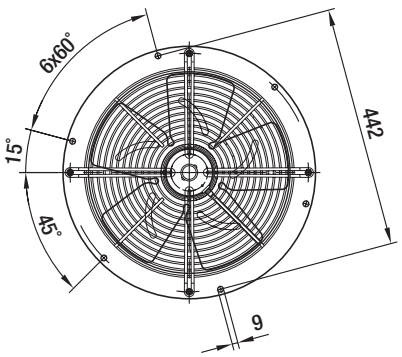












Guard grille p. 199
Wall ring p. 206 f.
Capacitor p. 214 f.
Terminal box p. 216