

AC axial fans

S-Range, Ø 420



- **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
- **Option:** also available with terminal box

ebm-papst • Muldingen

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 420 ⁽¹⁾	M4D074-GA	①	230/400	50	4890	1430	160	0,44	---	69	160	65	4,8
			230/400	60	5635	1660	235	0,45	---	72	120	40	
*4E 420	M4E074-GA	②	230	50	4830	1430	200	0,94	7,0/400	70	150	50	4,8
			230	60	5630	1680	285	1,25	7,0/400	74	50	40	
*6E 420 ⁽²⁾	M6E074-EI	③	230	50	3940	940	145	0,67	4,0/450	60	90	50	4,4
			230	60	4570	1090	205	0,90	4,0/450	63	80	45	

subject to alterations

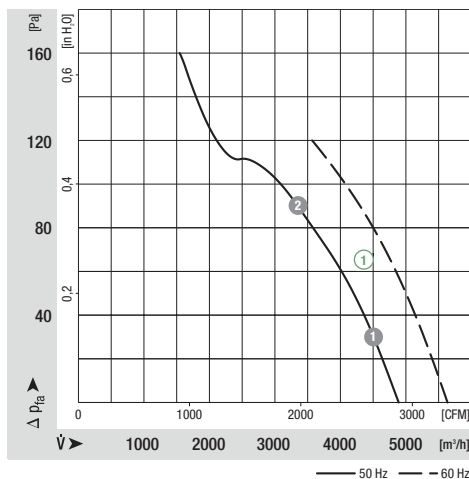
⁽¹⁾ 400 VAC Δ/Y for two speed steps available on request, current draw established at 400 VAC (Y)

⁽²⁾ insulation class "F"

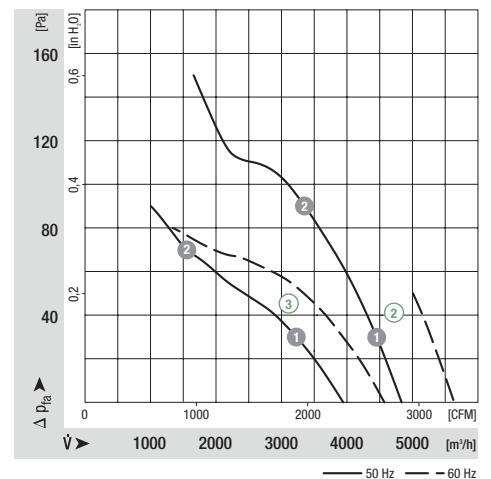
	n [min⁻¹]	P ₁ [W]
① ①	1420	185
① ②	1390	237

	n [min⁻¹]	P ₁ [W]
② ①	1430	220
② ②	1400	260
③ ①	930	155
③ ②	890	176

Characteristics



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Selection	Cable exit	Direction of air flow	Dimensions							
			a	c	p	k				
*4D 420	B	"V" "A"	A4D420-AP02 -01 A4D420-AP02 -02	S4D420-BP02 -30 S4D420-BP02 -31	W4D420-CP02 -30 W4D420-CP02 -31	S4D420-AP02 -03 S4D420-AP02 -04	129 129	28 25	67 67	0 0
*4E 420	B	"V" "A"	A4E 420-AP02 -01 A4E 420-AP02 -02	S4E 420-BP02 -30 S4E 420-BP02 -31	W4E 420-CP02 -30 W4E 420-CP02 -31	S4E 420-AP02 -03 S4E 420-AP02 -04	129 129	28 25	67 67	0 0
*6E 420	B	"V" "A"	A6E 420-AP02 -01 A6E 420-AP02 -02	S6E 420-BP02 -30 S6E 420-BP02 -31	W6E 420-CP02 -30 W6E 420-CP02 -31	S6E 420-AP02 -30 S6E 420-AP02 -31	117 117	2 21	89 89	30 30

