

AC axial fans

S-Range, Ø 250



- **Material:** sheet steel (coated in black)
- **Direction of rotation:** counter-clockwise, seen on rotor
- **Type of protection:** IP 44

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	
*2D 250 ⁽¹⁾	M2D068-CF	① 230/400	50	1830	2500	100	0,20	---	69	150	65	2,1	
		230/400	60	1950	2650	140	0,23	---	70	150	45		
*2E 250	M2E068-CF	② 230	50	1820	2450	115	0,51	3,0/400	69	120	65	1,9	
		230	60	1970	2600	150	0,66	3,0/400	71	85	50		
*4D 250 ⁽¹⁾	M4D068-CF	③ 230/400	50	1010	1400	25	0,07	---	54	70	85	1,9	
		230/400	60	1140	1580	32	0,07	---	57	70	80		
*4E 250	M4E068-BF	④ 230	50	1010	1400	42	0,19	1,5/400	54	80	55	1,9	
		230	60	1200	1630	45	0,20	1,5/400	58	100	70		
*4S 250	M4S068-CF	⑤ 230	50	1000	1390	69	0,53	---	54	80	50	1,7	
		230	60	1160	1600	63	0,45	---	58	80	65		

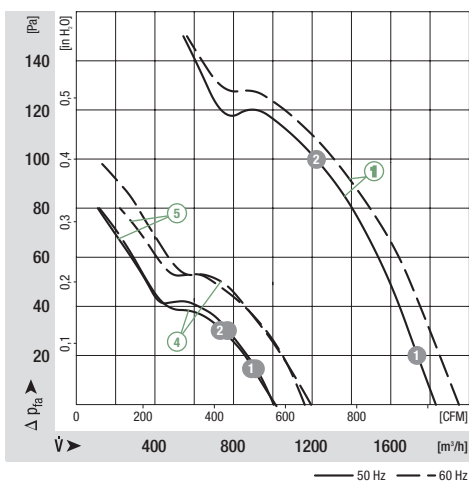
subject to alterations

⁽¹⁾ current draw established at 400 VAC (V)

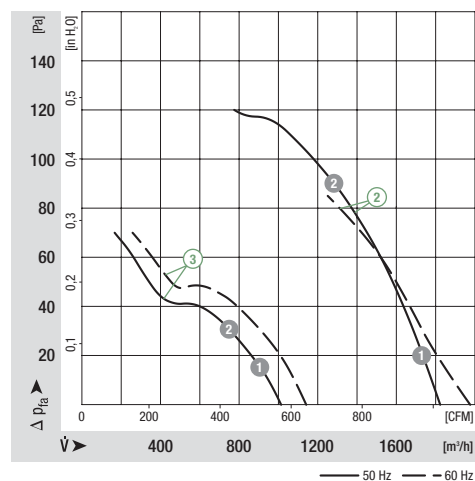
	n [min⁻¹]	P ₁ [W]
① ①	2455	106
① ②	2310	125
④ ①	1370	43
④ ②	1360	45
⑤ ①	1370	71
⑤ ②	1360	73

	n [min⁻¹]	P ₁ [W]
② ①	2455	116
② ②	2290	132
③ ①	1375	27
③ ②	1350	30

Characteristics



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Selection		Cable exit	Direction of air flow	Dimensions								
Type	S/A/B			a	c	h	k	m	n			
*2D 250	S	"V"	A2D250-AH02 -01	S2D250-BH02 -01	W2D250-CH02 -01	S2D250-AH02 -01	72	18	5	10	50	5
		"A"	A2D250-AI02 -01	S2D250-BI02 -01	W2D250-CI02 -01	S2D250-AI02 -01	72	21	0	0	45	0
*2E 250	B	"V"	A2E 250-AL06 -01	S2E 250-BL06 -01	W2E 250-CL06 -01	S2E 250-AL06 -01	72	18	5	10	50	5
		"A"	A2E 250-AM06 -01	S2E 250-BM06 -01	W2E 250-CM06 -01	S2E 250-AM06 -01	72	27	0	0	45	0
*4D 250	S	"V"	A4D250-AH22 -01	S4D250-BH22 -01	W4D250-CH22 -01	S4D250-AH22 -01	72	18	5	10	50	5
		"A"	A4D250-AI22 -01	S4D250-BI22 -01	W4D250-CI22 -01	S4D250-AI22 -01	72	27	0	0	45	0
*4E 250	S	"V"	A4E 250-AH02 -01	S4E 250-BH02 -01	W4E 250-CH02 -01	S4E 250-AH02 -01	62	14	5	10	50	5
		"A"	A4E 250-AI02 -01	S4E 250-BI02 -01	W4E 250-CI02 -01	S4E 250-AI02 -01	62	22	0	0	45	0
*4S 250	S	"V"	A4S 250-AH02 -01	S4S 250-BH02 -01	W4S 250-CH02 -01	S4S 250-AH02 -01	72	18	5	10	50	5
		"A"	A4S 250-AI02 -01	S4S 250-BI02 -01	W4S 250-CI02 -01	S4S 250-AI02 -01	72	23	0	0	45	0

