

AC centrifugal fans

backward curved, Ø 175 / 190



- **Material:** impeller completely made of plastic PA 6.6 (polyamide, fibre-glass reinforced), injection-moulded round sheet-metal plate
- **Direction of rotation:** clockwise, seen on rotor
- **Type of protection:** IP 44
- **Approvals:** CE

ebm-papst • Mulfingen

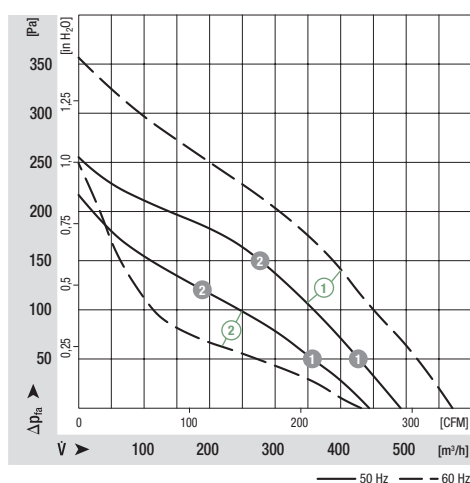
Nominal data		Characteristic	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Perm. amb. temp.	Mass	Electr. connection
Type	Motor	VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	°C	kg		
R2E 175-AR72 -05 ⁽¹⁾	M2E052-CA	① 230	50	490	2650	50	0,25	1,5/400	63	-25..+50	0,9	1a)	
		230	60	570	3100	51	0,23	1,5/400	68	-25..+80			
R2S 175-AB56 -01 ⁽²⁾	M2S052-CA	② 230	50	440	2350	53	0,33	---	61	-25..+40	0,9	1c)	
		230	60	430	2300	51	0,29	---	60	-25..+55			
R2E 190-A026 -05	M2E068-BF	③ 230	50	570	2500	58	0,26	2,0/400	62	-25..+50	1,2	1a)	
		230	60	620	2700	75	0,34	2,0/400	64	-25..+55			

subject to alterations ⁽¹⁾ insulation class "F" ⁽²⁾ IP 22

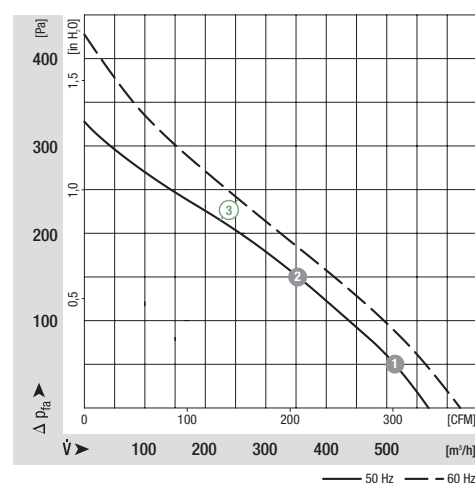
	n [min⁻¹]	P ₁ [W]
① ①	2600	51
① ②	2530	53
② ①	2240	54
② ②	2120	56

	n [min⁻¹]	P ₁ [W]
③ ①	2490	59
③ ②	2410	61

Characteristics



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Dimensions

Type	a	b	c	d	e	g	h	k	l	m	n	Inlet ring
R2E 175-AR72 -05	175	62,0	68,5	61,5	20	42,0	72	27,5	450	---	---	09576-2-4013
R2S 175-AB56 -01	175	62,0	69,0	61,5	20	42,0	72	27,5	400	---	---	09576-2-4013
R2E 190-A026 -05	190	62,8	68,5	62,7	15	44,6	92	27,0	450	27	2	09576-2-4013

