

# AC centrifugal fans

backward curved, Ø 175 / 190



- **Material:** impeller completely made of plastic PA 6.6 (polyamide, glass-fibre reinforced), injection-moulded round sheet-metal plate

ebm-papst • Muldingen

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

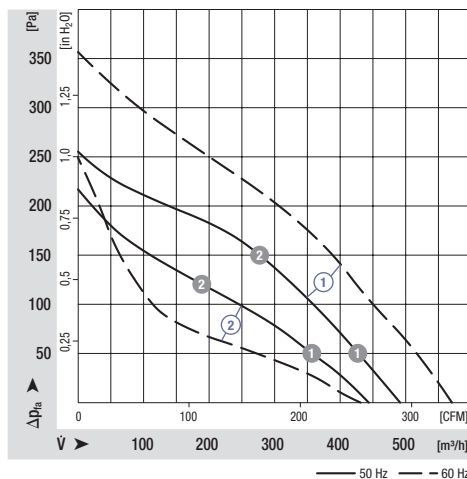
subject to alterations

<sup>(1)</sup> Insulation class "F"

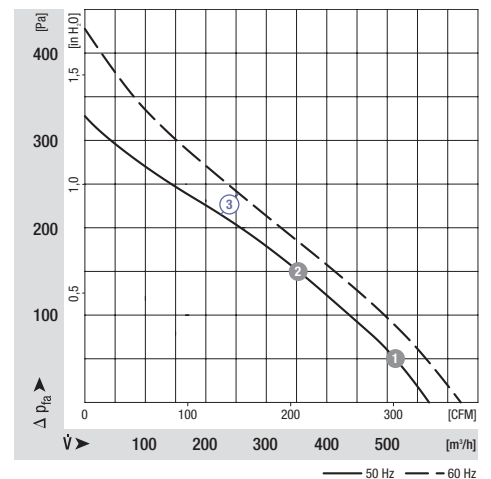
	n [min⁻¹]	P <sub>1</sub> [W]
① ①	2600	51
① ②	2530	53
② ①	2240	54
② ②	2120	56

	n [min⁻¹]	P <sub>1</sub> [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

