

# AC centrifugal fans

backward curved, Ø 220 / 225



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

ebm-papst • Mulfingen

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 220-AA40 -05	M2E 068-BF	①	230	50	860	2600	85	0,38	3,0/400	73	40	1,5
			230	60	900	2700	90	0,40	2,0/400	74	40	
R2E 220-AB06 -05	M2E 068-CF	②	230	50	885	2700	85	0,38	2,5/400	72	55	2,5
			230	60	990	3050	115	0,51	2,5/400	75	55	
R2E 225-BD92 -09 <sup>(1)</sup>	M2E 068-DF	③	230	50	1200	2650	135	0,60	4,0/450	69	60	2,3
			230	60	1340	2950	200	0,88	4,0/450	71	60	
R4E 225-AT01 -05	M4E 068-CF	④	230	50	655	1420	40	0,20	1,5/400	59	50	1,8
			230	60	765	1660	37	0,18	1,0/400	61	80	

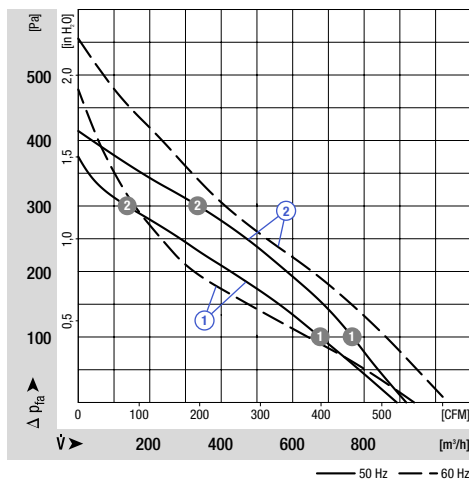
subject to alterations

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

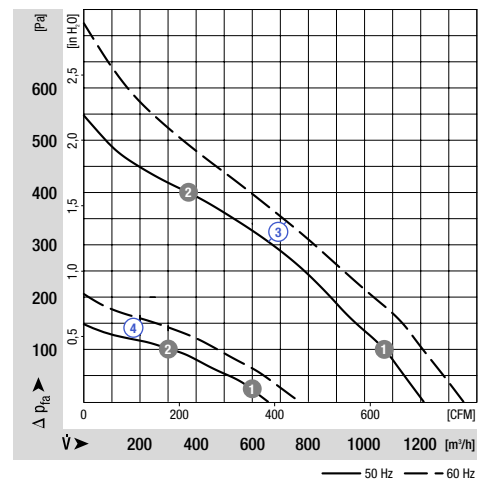
	n [min⁻¹]	P <sub>1</sub> [W]
① ①	2390	95
① ②	2490	90
② ①	2650	96
② ②	2600	102

	n [min⁻¹]	P <sub>1</sub> [W]
③ ①	2610	146
③ ②	2650	138
④ ①	1410	41
④ ②	1400	43

## Characteristics



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Dimensions

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Type	a	b	c	d	e	f	g	z	Inlet ring	o	r	u	v
R2E 220-AA40 -05	220	63,0	71	63,0	15	159	44,0	11	09609-2-4013	21	22	155	252
R2E 220-AB06 -05	220	63,0	71	73,0	25	159	44,0	11	09609-2-4013	21	22	155	252
R2E 225-BD92 -09	225	89,3	99	83,0	35	153	62,6	7	96358-2-4013	28	25	146	223
R4E 225-AT01 -05	225	89,3	99	72,6	25	153	62,6	7	96358-2-4013	28	25	146	223

