

AC centrifugal fans

backward curved, Ø 225



- **Material:** ⁽¹⁾ plastic impeller made of PA 6.6 (polyamide, fibre-glass reinforced), round sheet-metal plate; ⁽²⁾ impeller completely made of plastic PA 6.6, injection-moulded round sheet-metal plate
- **Direction of rotation:** clockwise, seen on rotor
- **Type of protection:** IP 44
- **Approvals:** CE

ebm-papst • Mulfingen

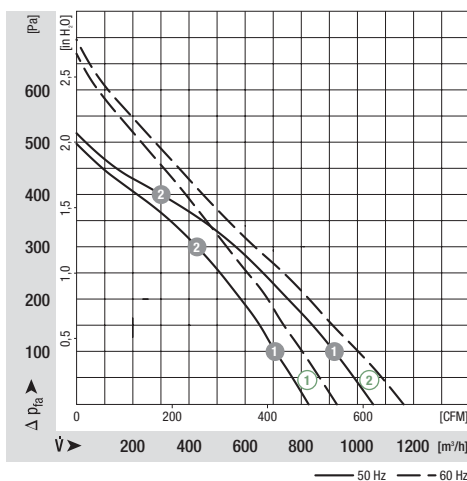
Nominal data		Characteristic	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Perm. amb. temp.	Mass	Electr. connection
Type	Motor	VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	°C	kg		
R2E 225-AT51 -05 ⁽¹⁾	M2E 068-DF	①	230	50	850	2650	105	0,46	3,0/450	70	-25..+60	2,1	1a)
			230	60	945	2950	145	0,64	3,0/450	72	-25..+65		
R2E 225-AX52 -05 ⁽¹⁾	M2E 068-DF	②	230	50	1050	2700	115	0,51	3,0/450	72	-25..+60	2,1	1a)
			230	60	1160	3000	165	0,72	3,0/450	75	-25..+30		
R2E 225-BD92 -09 ⁽²⁾⁽³⁾	M2E 068-DF	③	230	50	1200	2650	135	0,60	4,0/450	69	-25..+60	2,1	1a)
			230	60	1340	2950	200	0,88	4,0/450	71	-25..+60		
R4E 225-AT01 -05 ⁽²⁾	M4E 068-CF	④	230	50	655	1420	40	0,20	1,5/400	59	-25..+50	1,8	1a)
			230	60	765	1660	37	0,18	1,0/400	61	-25..+80		

subject to alterations ⁽³⁾ insulation class "F"

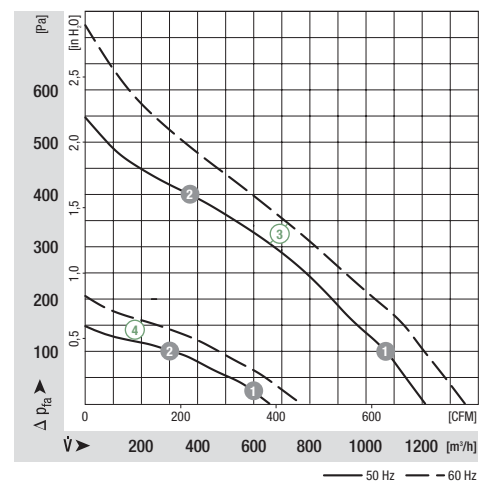
	n [min⁻¹]	P ₁ [W]
① ①	2580	110
① ②	2560	113
② ①	2620	135
② ②	2670	124

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

Characteristics



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Dimensions

Type	b	c	d	e	g	z	Inlet ring
R2E 225-AT51 -05	63,3	69	83,0	35	38,0	11	96358-2-4013
R2E 225-AX52 -05	75,3	85	83,0	35	50,0	11	96358-2-4013
R2E 225-BD92 -09	89,3	99	83,0	35	62,6	7	96358-2-4013
R4E 225-AT01 -05	89,3	99	72,6	25	62,6	7	96358-2-4013

