

AC centrifugal fans

Backward curved, Ø 225 / 250



- **Material:** Plastic impeller made of PA 6.6, fibre-glass reinforced V0, round sheet metal plate injected
- **Bearing:** Ball bearing (sleeve bearing as option)
- **Direction of rotation:** clockwise seen on rotor
- **Type of protection:** IP 44
- **Approvals:** CE; VDE and UL upon request
- **Insulation class:** "F"

ebm-papst • Muldingen

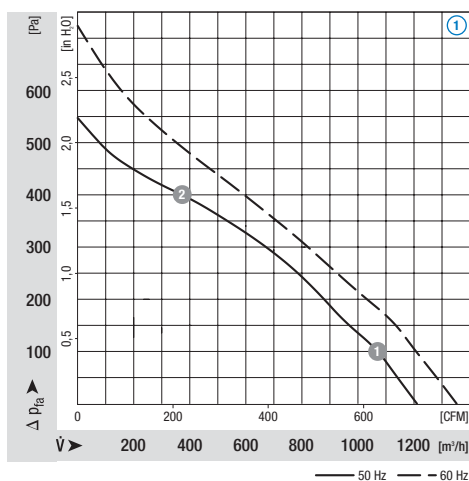
Nominal data

Type	Motor	Characteristic	Voltage	Frequency	Airflow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Perm. ambient temp.	Weight
			VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	°C	kg
R2E 225-BD92 -53	M2E 068-DF	①	230	50	1200	2650	135	0.60	4.0 / 450	69	-20..+60	2.1
			230	60	1340	2950	200	0.88	4.0 / 450	71	-20..+60	
R2E 250-AS47 -32	M2E 068-EC	②	230	50	1450	2600	155	0.70	5.0 / 400	75	-20..+70	3.1
			230	60	1490	2700	215	0.95	5.0 / 400	76	-20..+45	

Subject to alteration

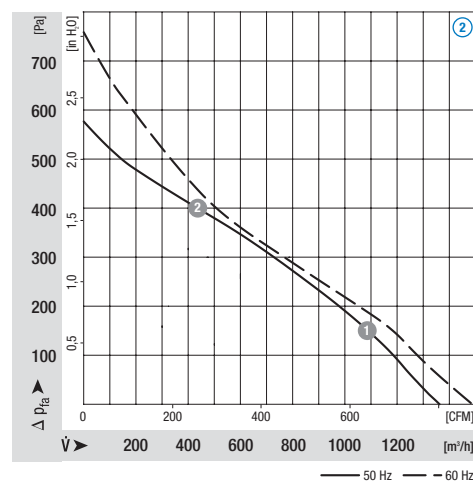
	n [min⁻¹]	P ₁ [W]
① ①	2610	146
① ②	2650	138

Characteristics



	n [min⁻¹]	P ₁ [W]
② ①	2400	152
② ②	2400	152

Characteristics



Dimensions

Type	a	b	c	d	e	g	h	o	p	r	s	z	Inlet nozzle
R2E 225-BD92 -53	225	89.3	99.0	83.0	35	62.6	153	146.0	223	25	28	7	96358-2-4013
R2E 250-AS47 -32	250	84.3	99.0	97.5	42	56.0	172	164.5	255	28	31	11	96359-2-4013

