

# AC centrifugal fans

backward curved, Ø 250

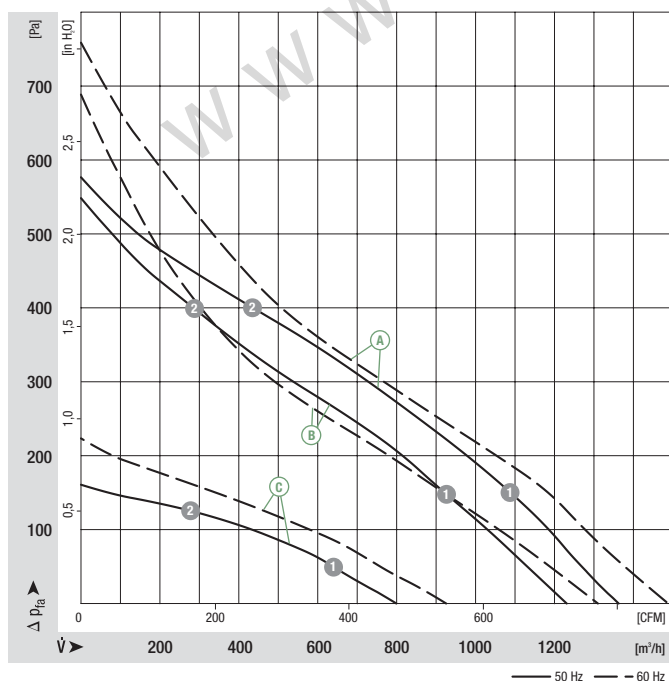


- **Material:** Impeller: PA plastic 6.6, fibreglass-reinforced  
Rotor: Coated in black
- **Number of blades:** 11
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** Ⓐ "F", Ⓑ Ⓒ "B"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- **Condensate discharges:** Rotor-side
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data		Curve	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Sound pressure level	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	°C	p. 596 f.	
R2E 250	M2E 068-EC	Ⓐ 1~ 230	50	1450	2600	155	0.70	5.0/400	75	-25 to +70	A1)	
		1~ 230	60	1490	2700	215	0.95	5.0/400	76	-25 to +45		
R2E 250	M2E 068-DF	Ⓑ 1~ 230	50	1230	2550	115	0.51	4.0/400	71	-25 to +65	A1)	
		1~ 230	60	1335	2750	160	0.71	4.0/400	72	-25 to +45		
R4E 250	M4E 068-CF	Ⓒ 1~ 230	50	810	1400	43	0.20	1.5/400	61	-25 to +70	A1)	
		1~ 230	60	930	1600	43	0.20	1.0/400	64	-25 to +80		

subject to alterations

## Curves



	n [rpm]	P <sub>1</sub> [W]	I [A]
Ⓐ 1	2400	152	0.69
Ⓐ 2	2400	152	0.69
Ⓑ 1	2350	137	0.61
Ⓑ 2	2435	127	0.56
Ⓒ 1	1385	46	0.21
Ⓒ 2	1370	47	0.21

- **Motor protection:** TOP wired internally
- **Cable exit:** (A) (B) variable, (C) axial
- **Protection class:** I
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC, (A) (C) also GOST



Mass of centrifugal fan

Dimensions



Centrifugal fan	kg	b	c	d	e	g	k	Inlet nozzle (long)
R2E 250-AS47 -26	3.1	84.3	99.0	97.5	42.0	56.0	27.0	96359-2-4013
R2E 250-AV65 -01	2.6	73.3	89.0	83.0	35.0	45.0	27.0	96359-2-4013
R4E 250-AH01 -05	2.2	84.3	99.0	72.6	25.0	56.0	29.0	96359-2-4013

