

AC centrifugal fans

backward curved, Ø 280

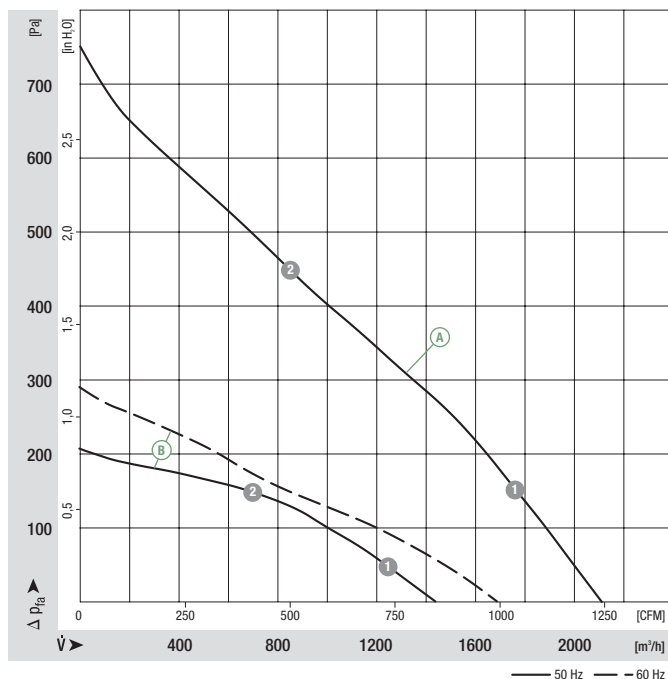


- **Material:** Impeller: Sheet steel, coated in black
Rotor: Coated in black
- **Number of blades:** 11
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** Ⓐ "F", Ⓑ "B"
- **Mounting position:** Shaft horizontal or rotor on bottom; rotor on top 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 280	M2E 068-EC	Ⓐ 1~ 230	50	2110	2700	225	1.00	7.0/400	76	-25 to +40	A1)	
R4E 280	M4E 068-DF	Ⓑ 1~ 230	50	1435	1420	78	0.35	2.5/450	62	-25 to +40	A1)	
		1~ 230	60	1685	1635	105	0.42	2.5/450	67	-25 to +40		

subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	2560	265	1.18
Ⓐ 2	2390	312	1.38
Ⓑ 1	1380	88	0.40
Ⓑ 2	1340	99	0.44

