

AC centrifugal fan and blower

single inlet, Ø 097

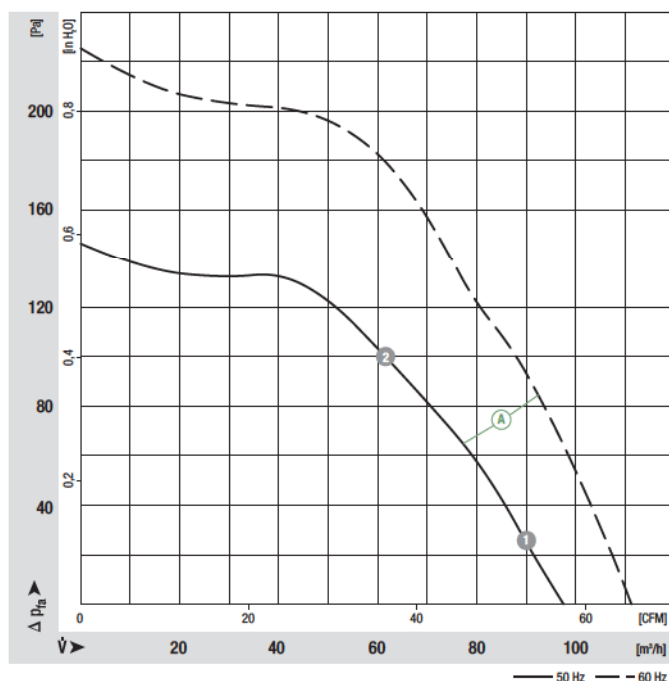


- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode 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	Min. back pressure	Perm. amb. temp.	Electr. connection
Type	Motor	VAC	Hz	m³/h	rpm	W	A	µF/VDB	dB(A)	Pa	°C	p. 596 f.	
*2E 097	M2E 042-CA	Ⓐ 1~ 230 1~ 230	50 60	100 110	2050 2300	35 37	0.16 0.17	1.5/400 1.5/400	55 58	0 0	-25 to +40 -25 to +55	A1)	

subject to alterations

Curves

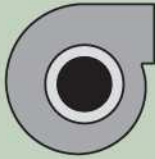


	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	2120	35	0.16
Ⓐ 2	2335	33	0.15

- **Motor protection:** TOP wired internally
- **Cable exit:** Variable
- **Protection class:** I
- **Capacitor:** FPU (P2) acc. to IEC 252
- **Product conforming to standards:** EN 60335-1, CE
- **Approvals:** CCC



Mass of centrifugal fan



Mass of centrifugal blower

Centrifugal fan	kg	Centrifugal blower without flange	kg
R2E 097-AD01 -05	0.6	G2E 097-HD01 -02	1.1

