

AC centrifugal fan and blower

single inlet, Ø 097



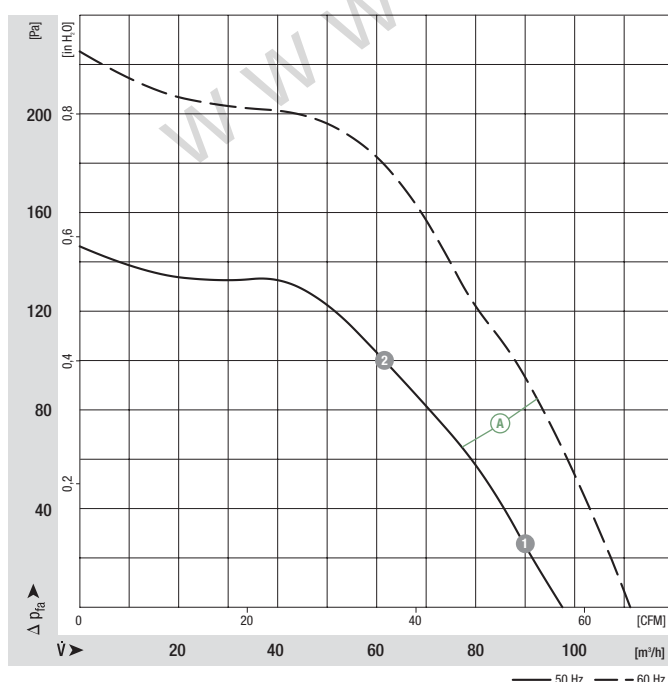
- **Material:** Housing: Galvanised sheet steel
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data

Type	Motor	Curve	Nominal voltage VAC	Frequency Hz	Air flow m³/h	Speed/rpm	Power input W	Current draw A	Capacitor µF/VDB	Sound pressure level dB(A)	Min. back pressure Pa	Perm. amb. temp. °C	Electr. connection 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

General
information

AC centrifugal,
backward

AC centrifugal,
forward

EC centrifugal,
backward

EC centrifugal, back-
ward for clean rooms

EC centrifugal,
forward

EC-SYSTEMS

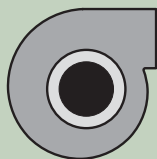
Accessories

Technology

Contacts



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

