

AC centrifugal fan and blower

single inlet, Ø 085



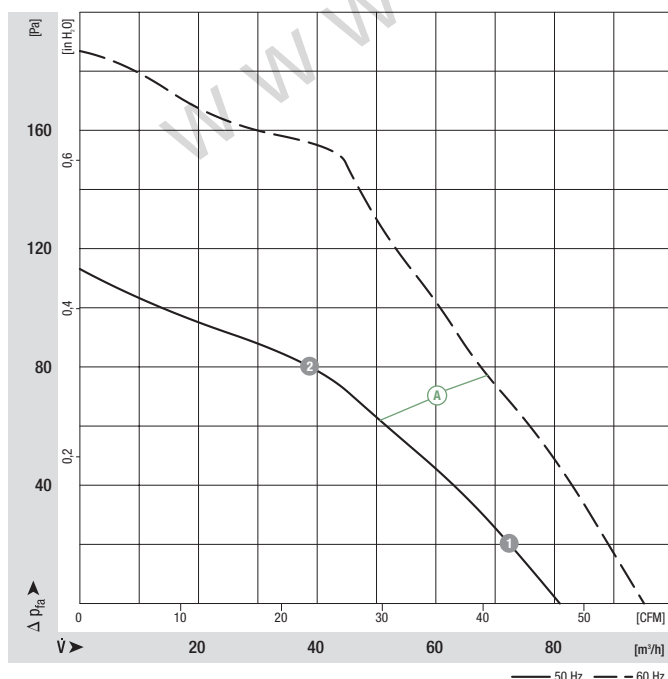
- **Material:** Housing: Die-cast aluminium
Impeller: Galvanised sheet steel
Rotor: Partially cast in aluminium
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP 44
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of 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 085	M2E 042-CA	Ⓐ	1~ 230 1~ 230	50 60	80 95	2350 2800	32 30	0.15 0.14	1.0/400 1.0/400	53 57	0 0	-25 to +60 -25 to +70	A1)

subject to alterations

Curves



	n [rpm]	P ₁ [W]	I [A]
Ⓐ 1	2430	32	0.15
Ⓐ 2	2590	30	0.14

- **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

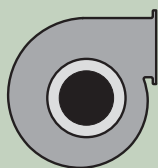
Accessories

Technology

Contacts



Mass of
centrifugal fan



Mass of
centrifugal blower

Centrifugal fan

kg

Centrifugal blower
with flange

kg

R2E 085-AA01 -05

0.7

G2E 085-AA01 -01

0.9

