

KARTA KATALOGOWA

R2E097-AD01-05

Wentylator promieniowy AC, łopatki zakrzywione do przodu, jednostronnie ssący

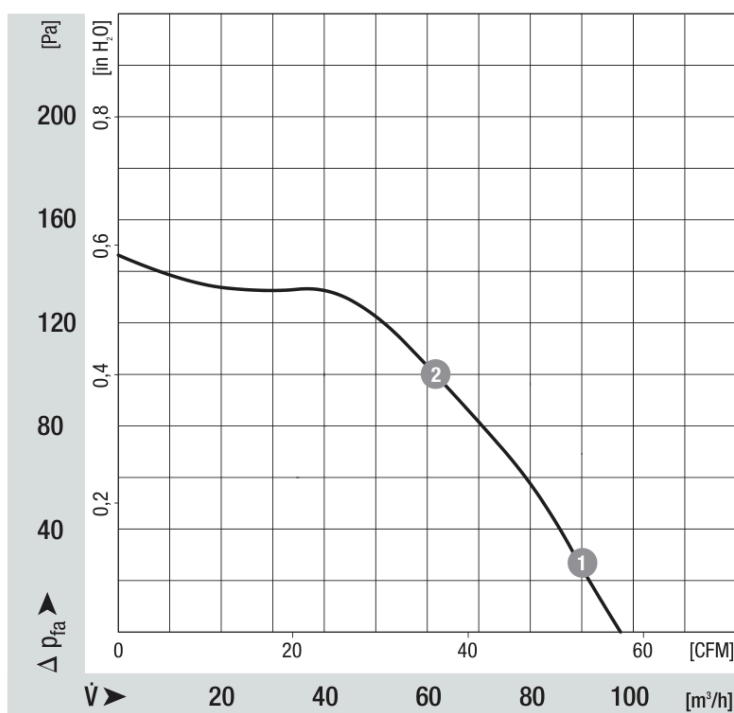
Producent: ebm-papst



Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	97 mm
Częstotliwość	50/60 Hz	Materiał wirnika	stal ocynkowana
Prędkość obrotowa	2050 / 2300 obr/min	Stopień ochrony	IP44
Pobór mocy	35 / 37 W	Klasa izolacji	B
Pobór prądu	0,16 / 0,17 A	Zabezpieczenie silnika	termik (TOP)
Kondensator	1,5 µF / 400 V	Masa	0,6 kg
Wydajność (swobodny wypływ)	100 / 110 m³/h		
Maks. ciśnienie statyczne	145 Pa		
Maks. temp. otoczenia	+40 °C (50 Hz) / +55 °C (60 Hz)		

Charakterystyka przepływowa

Charts: Air flow 50 Hz



Dane na podstawie karty producenta ebm-papst (oryginał na kolejnych stronach).
Wartości dla 50 Hz / 60 Hz; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

tel. +48 600 100 371 · tel. +48 604 959 199
biuro@luftberg.pl · www.luftberg.pl

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AC centrifugal fan

forward curved, single inlet


ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.ebmpapst.com
info1@de.ebmpapst.com

Nominal data

Type	R2E097-AD01-05		
Motor	M2E042-CA		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	2050	2300
Power input	[W]	35	37
Current draw	[A]	0,16	0.17
Motor capacitor	[µF]	1,5	1.5
Capacitor voltage	[VDB]	400	400
Capacitor standard		P2 (CE)	P2 (CE)
Min. back pressure	[Pa]	0	0
Max. ambient temperature	[°C]	40	55
Air flow	[m ³ /h]	100	110
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	55	58

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

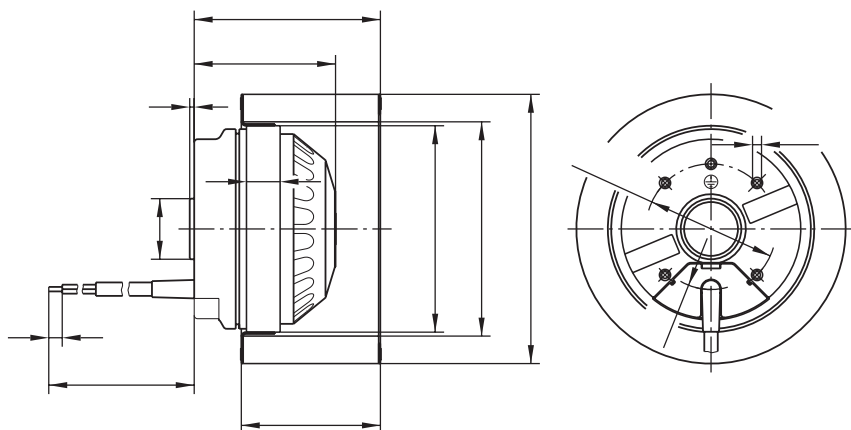
Size	97 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Insulation class	"B"
Cable exit	Axial
Bearing motor	Ball bearing
Mass	0.6 kg
Material of electronics housing	Rotor: Cast in aluminum
Material of impeller	Sendzimir galvanized sheet steel
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE
Type of protection	IP 44 - depending on position
Protection class	I
Approval	CCC

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Product drawing

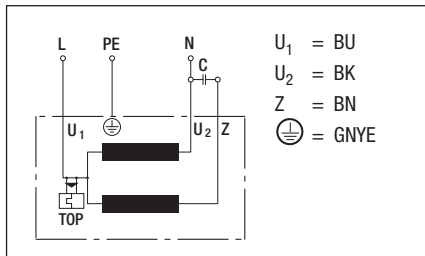


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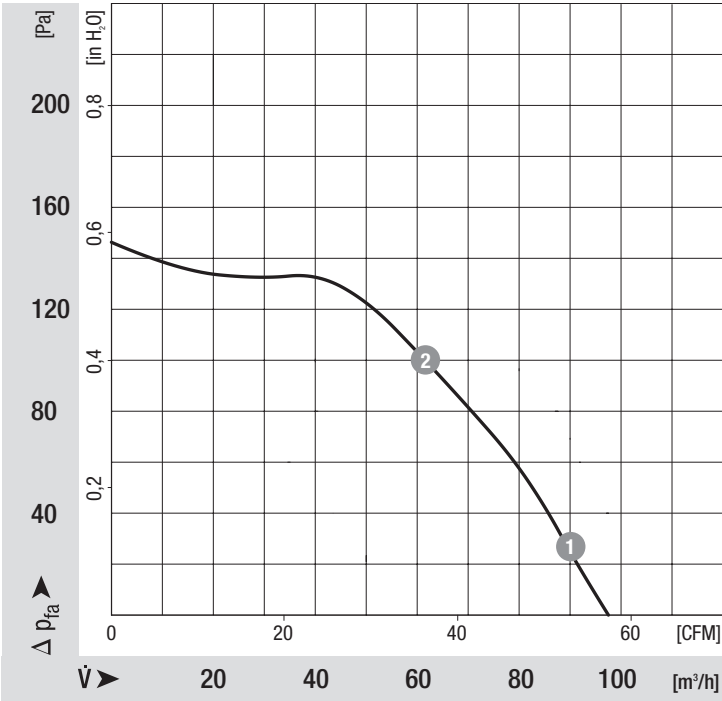
Connection screen



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Charts: Air flow 50 Hz



Measured values

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

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Charts: Air flow 60 Hz

