

KARTA KATALOGOWA

R2E140-AF48-18

Wentylator promieniowy AC, łopatki zakrzywione do tyłu

Producent: ebm-papst

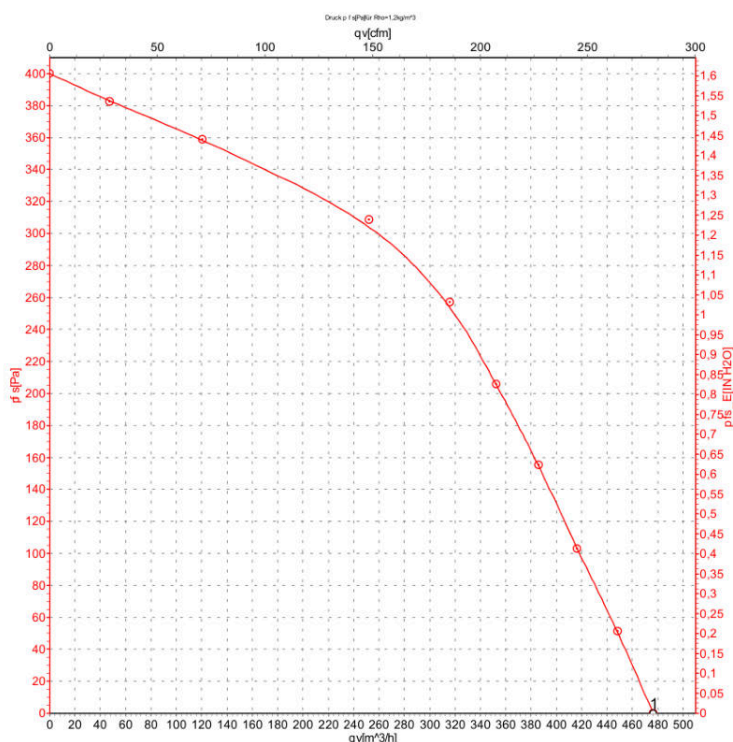


Zdjęcie poglądowe

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Wielkość	140 mm
Częstotliwość	50 Hz	Silnik	M2E068-CF
Prędkość obrotowa	2500 obr/min	Materiał wirnika	tworzywo PP-TV40
Pobór mocy	150 W	Kierunek obrotów	w lewo, patrząc na wirnik
Pobór prądu	0,66 A	Stopień ochrony	IP44
Kondensator	4 µF / 400 V	Klasa izolacji	B
Maks. wydajność	475 m³/h	Zabezpieczenie silnika	termik (TOP), podłączony wewnętrznie
Maks. ciśnienie statyczne	395 Pa	Łożyskowanie	kulkowe
Temperatura otoczenia	maks. 45 °C	Masa	1,6 kg

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-12352

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

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R2E140-AF48-18

AC centrifugal fan

backward curved

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Nominal data

Type	R2E140-AF48-18	
Motor	M2E068-CF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Type of data definition		cu
Valid for approval / standard		CE
Speed	min ⁻¹	2500
Power input	W	150
Current draw	A	0.66
Motor capacitor	µF	4
Capacitor voltage	VDB	400
Capacitor standard		P0 (CE)
Min. back pressure	Pa	0
Max. ambient temperature	°C	45

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



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Technical features

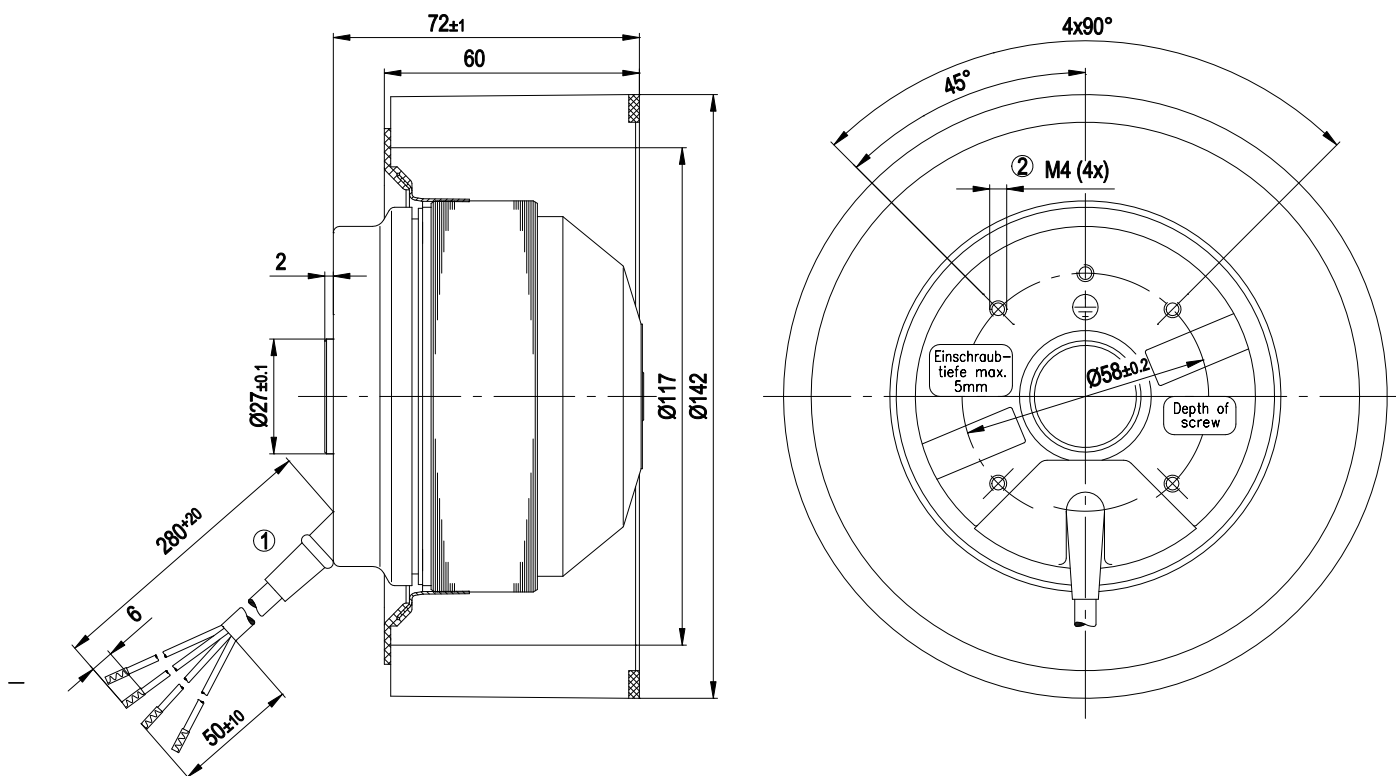
Mass	1.6 kg
Size	140 mm
Surface of rotor	Uncoated
Material of impeller	PP-TV40 plastic
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 44; Depending on installation and position
Insulation class	"B"
Humidity class	F0
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Variable
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE

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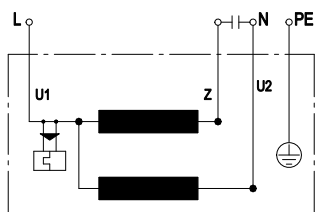
backward curved

Product drawing



- | | |
|---|--|
| 1 | Connection line PVC 4G 0.5 mm ² , 4 x brass lead tips crimped |
| 2 | Depth of screw max. 5 mm |

Connection screen

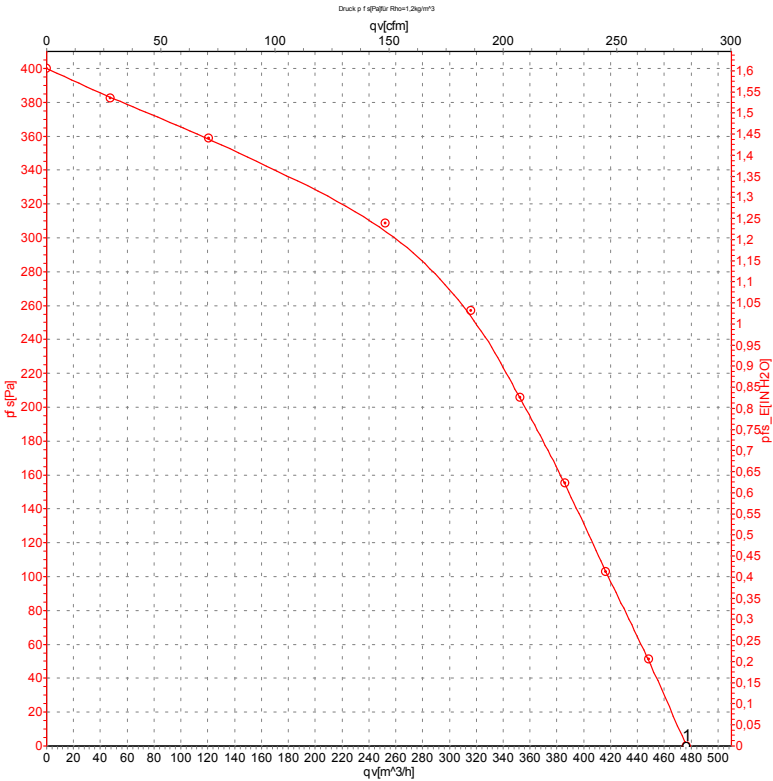


U1	blue	Z	brown	U2	black
PE	green/yellow				

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Measured values

	U	f	n	P _e	I	qv
	V	Hz	min ⁻¹	W	A	m³/h
1	230	50	2500	150	0.66	475

U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow

