

KARTA KATALOGOWA

R2E180-CG82-05

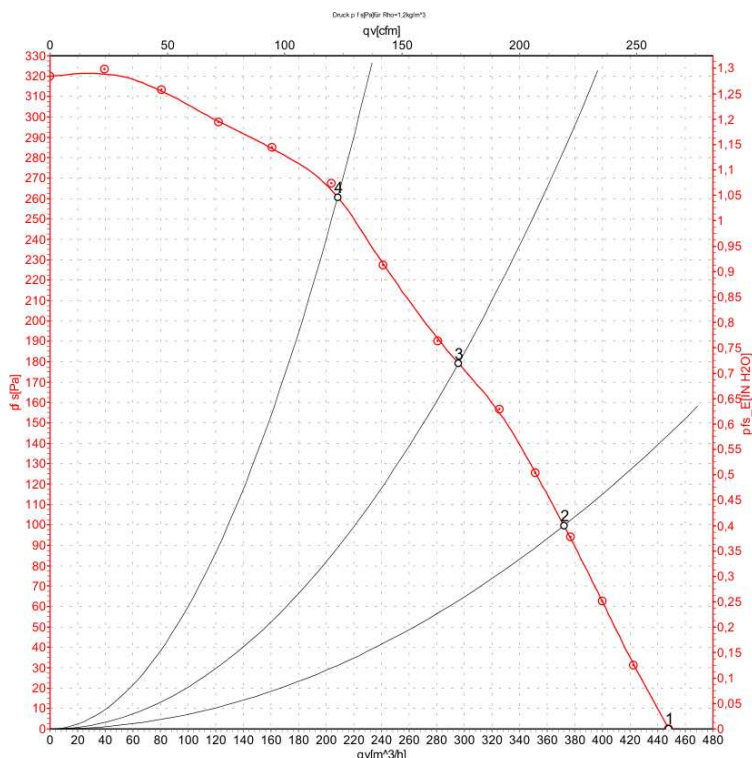
Dmuchawa promieniowa AC do cyrkulacji gorącego powietrza
(kotły na paliwo stałe)

Producent: ebm-papst

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	180 mm
Częstotliwość	50 Hz	Materiał wirnika	blacha stalowa nierdzewna
Prędkość obrotowa	2450 obr/min	Liczba łopatek	6
Pobór mocy	72 W	Silnik	M2E068-CF
Pobór prądu	0,32 A	Stopień ochrony	IP44
Kondensator	2 µF / 400 V	Klasa izolacji	F
Maks. temperatura otoczenia	+100 °C	Zabezpieczenie silnika	termik (TOP), podłączony wewnętrznie
		Łożyskowanie	kulkowe
		Masa	2,8 kg

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-107135

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: L_{WA} measured as per ISO 13347 / L_{pA} 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.

Dane na podstawie karty producenta ebm-papst (oryginał na kolejnych stronach).
Wartości przy swobodnym wydmuchu; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

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R2E180-CG82-05

AC hot-air circulation blower

for solid fuel heating systems

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Limited partnership · Headquarters Mulfingen

County court Stuttgart · HRA 590344

General partner: Elektrobau Mulfingen GmbH · Headquarters Mulfingen

County court Stuttgart · HRB 590142

Nominal data

Type	R2E180-CG82-05	
Motor	M2E068-CF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Type of data definition		fa
Valid for approval / standard		CE
Speed	min ⁻¹	2450
Power input	W	72
Current draw	A	0.32
Motor capacitor	µF	2
Capacitor voltage	VDB	400
Min. back pressure	Pa	0
Max. ambient temperature	°C	100

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	2.8 kg
Size	180 mm
Surface of rotor	Uncoated
Material of impeller	Sheet steel, stainless
Number of blades	6
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 44; Depending on installation and position
Insulation class	"F"
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
Leakage current	< 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

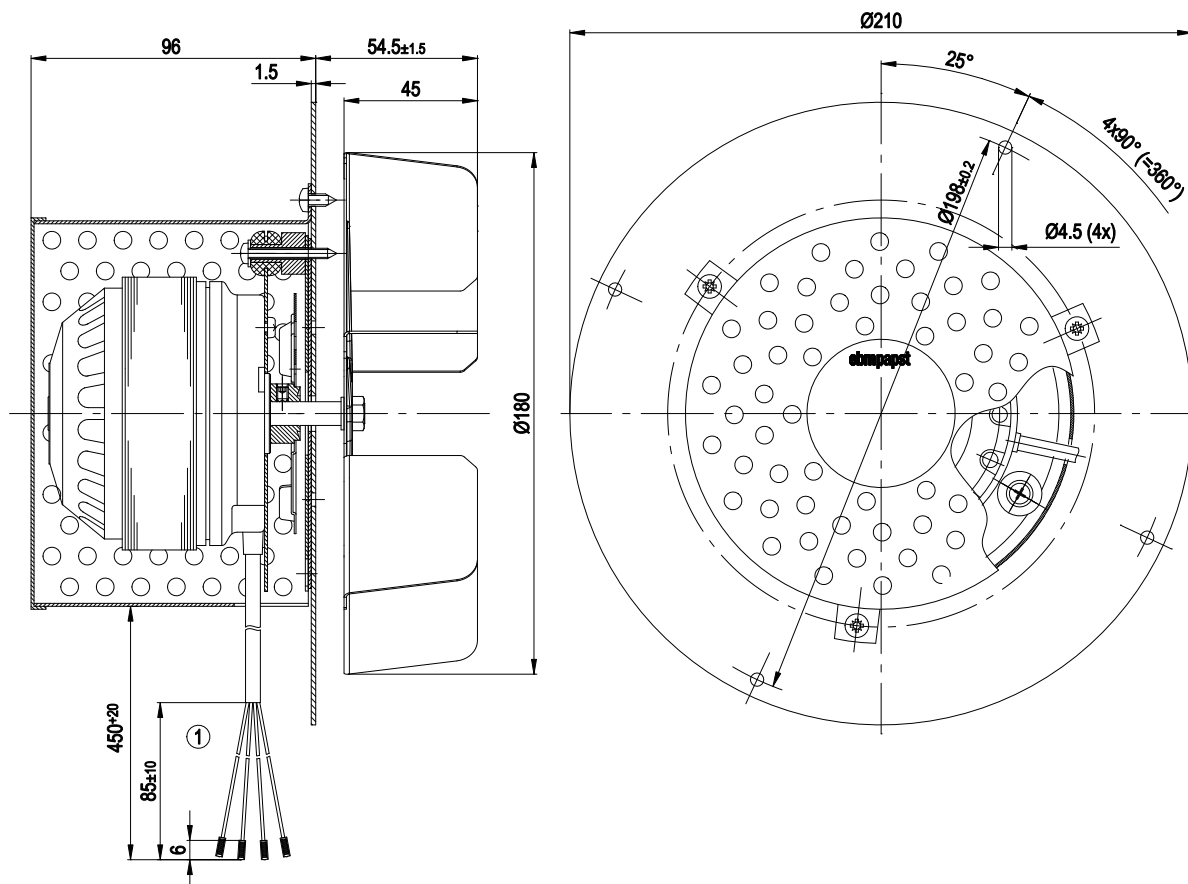


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AC hot-air circulation blower

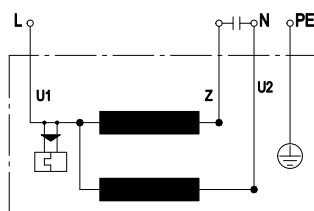
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Product drawing



1 Connection line silicone 4G 0.5 mm², 4 x brass lead tips crimped

Connection screen



U1 blue

Z brown

U2 black

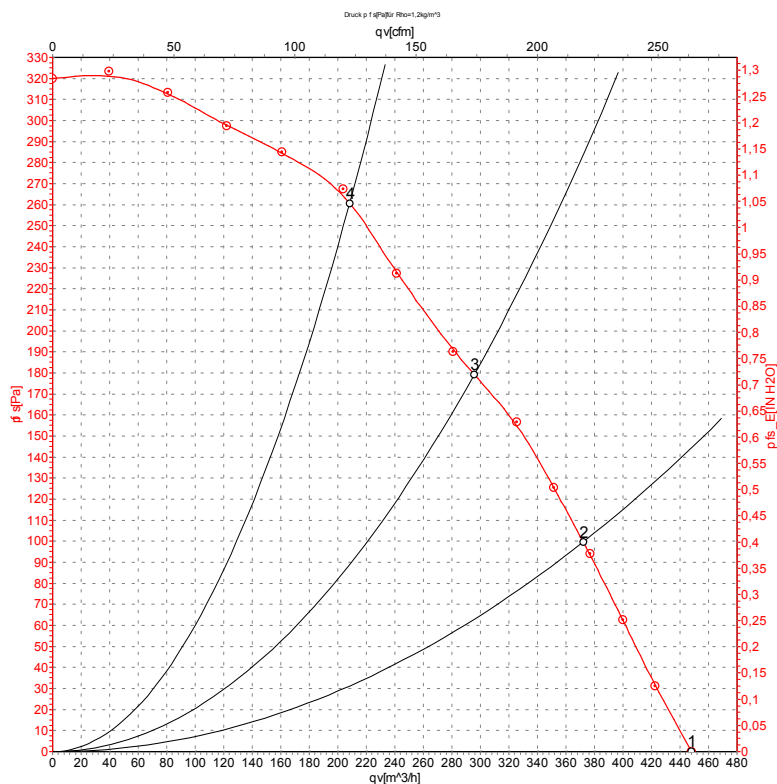
PE green/yellow

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Measured values

	U	f	n	P _e	I	qv	P _{fS}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	50	2450	72	0.32	450	0
2	230	50	2505	68	0.30	370	100
3	230	50	2535	66	0.29	295	180
4	230	50	2595	61	0.27	210	260

