

KARTA KATALOGOWA

R4E355-AK05-05

Wentylator promieniowy AC, łopatki zakrzywione do tyłu, jednostronnie ssący

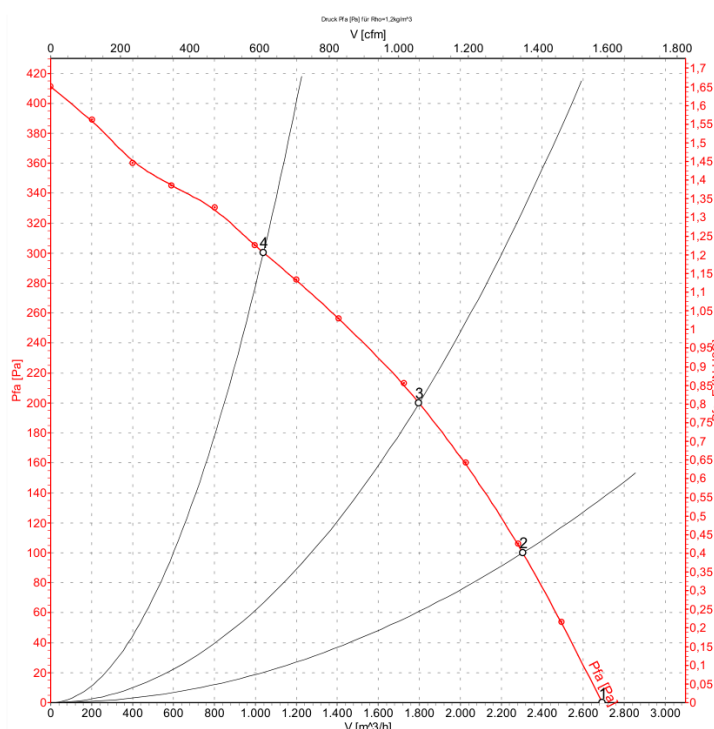
Producent: ebm-papst


Dane znamionowe

Napięcie znamionowe	1~ 230 V
Częstotliwość	50/60 Hz
Prędkość obrotowa	1400 / 1600 obr/min
Pobór mocy	180 / 260 W
Pobór prądu	0,8 / 1,14 A
Kondensator	6 µF / 450 V
Maks. wydajność	2695 m³/h
Maks. ciśnienie statyczne	300 Pa
Maks. temp. otoczenia	+60 °C (50 Hz) / +35 °C (60 Hz)

Budowa

Średnica wirnika	355 mm
Materiał wirnika	blacha aluminiowa
Liczba łopatek	6
Stopień ochrony	IP44
Klasa izolacji	F
Zabezpieczenie silnika	termik (TOP)
Masa	4,7 kg

Charakterystyka przepływowa
Charts: Air flow 50 Hz


Measurement: LU-106554

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

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AC centrifugal fan

backward curved, single inlet


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Nominal data

Type	R4E355-AK05-05		
Motor	M4E074-EI		
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]	1400	1600
Power input	[W]	180	260
Current draw	[A]	0.8	1.14
Motor capacitor	[µF]	6	6
Capacitor voltage	[VDB]	450	450
Min. back pressure	[Pa]	0	
Max. ambient temperature	[°C]	60	35

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

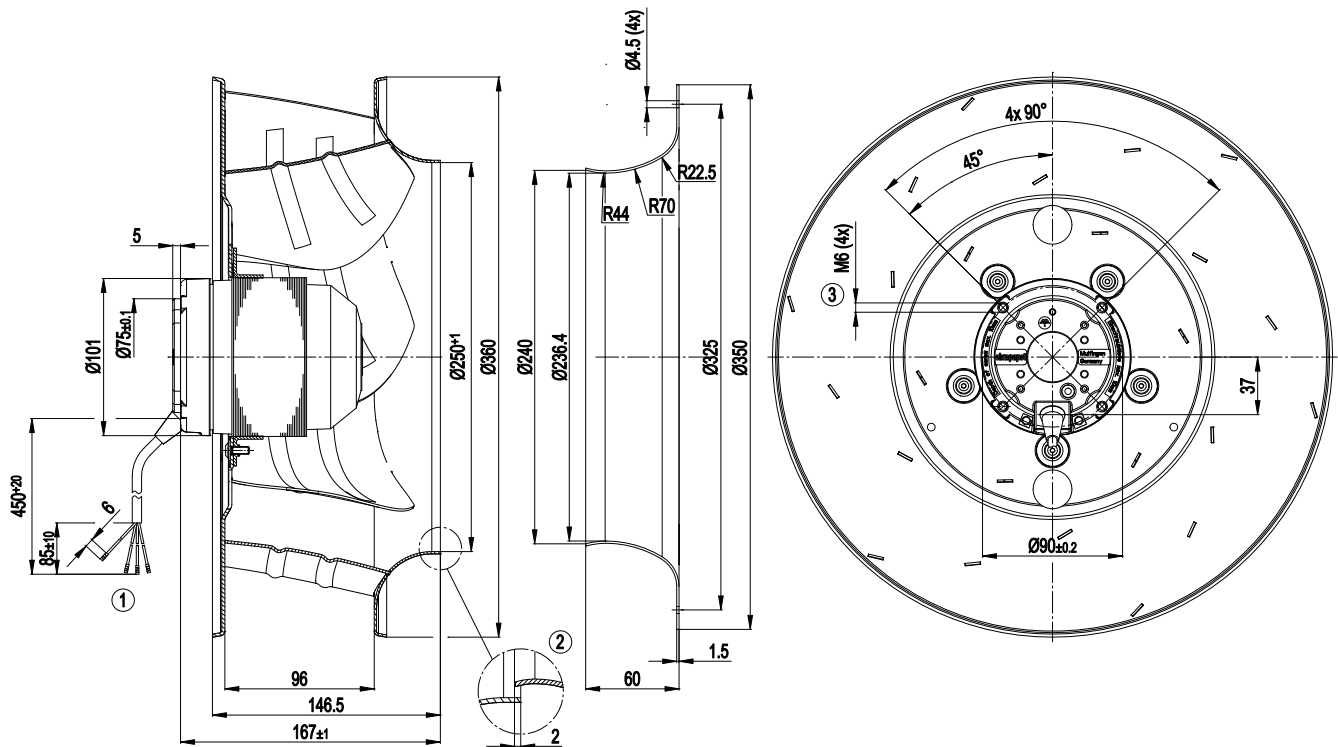
Leakage current	< 0.75 mA
Size	355 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Humidity class	F1-2
Insulation class	"F"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	4.7 kg
Material of impeller	Aluminum sheet, laser-welded
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Coated in black
Number of blades	6
Type of protection	IP 44; Depending on installation and position as per EN 60034-5
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

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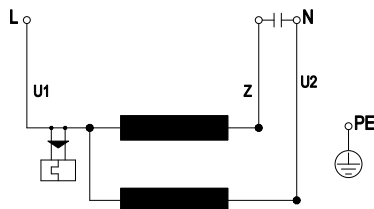
backward curved, single inlet

Product drawing



- | | |
|---|---|
| 1 | Connection line silicone 4G 0.5 mm ² , 4 x brass lead tips crimped |
| 2 | Accessory part: Inlet nozzle 35560-2-4013, not included in the standard scope of delivery |
| 3 | Depth of screw max. 10 mm |

Connection screen



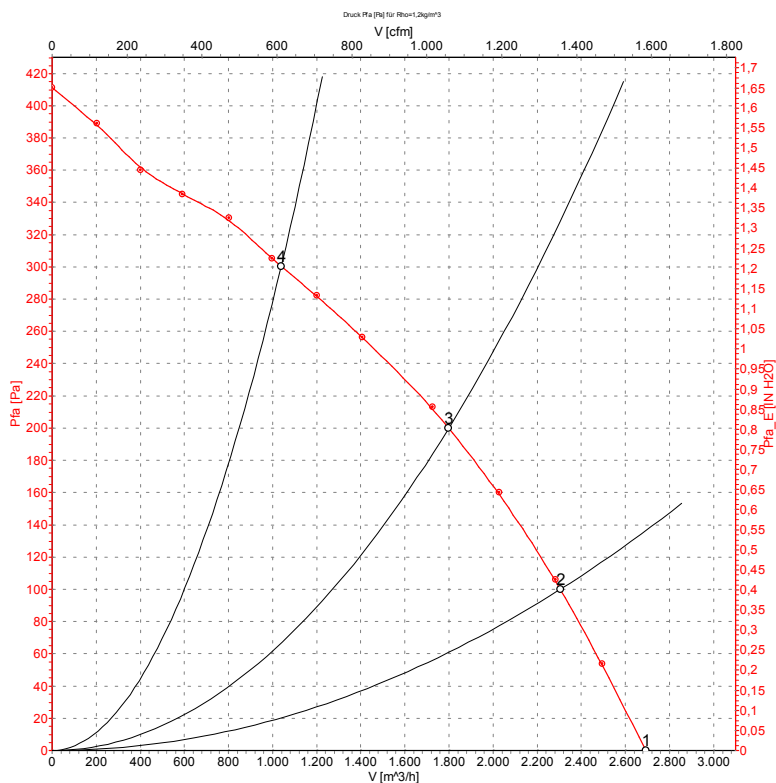
U1	blue	Z	brown	U2	black
PE	green/yellow				

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Charts: Air flow 50 Hz



Measured values

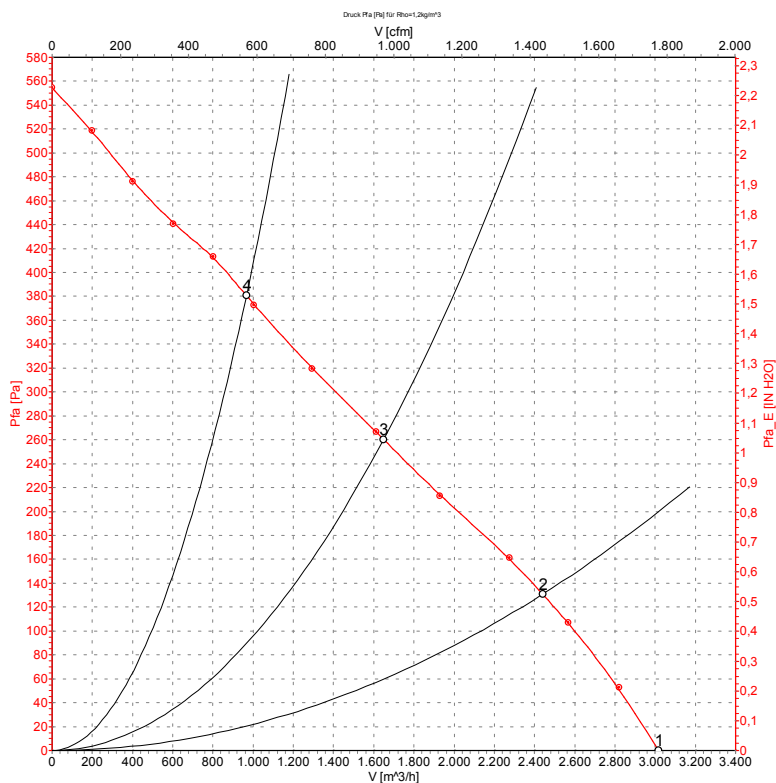
	U	f	n	P_1	I	$\dot{V}$	P_{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]	[Pa]
1	230	50	1400	180	0.80	2695	0
2	230	50	1355	218	0.96	2305	100
3	230	50	1330	234	1.03	1800	200
4	230	50	1350	221	0.98	1040	300

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Charts: Air flow 60 Hz



Measurement: LU-106556

Measured values

	U	f	n	P_1	I	$\dot{V}$	P_{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	1600	260	1.14	3020	0
2	230	60	1465	316	1.37	2440	130
3	230	60	1395	329	1.43	1650	260
4	230	60	1485	309	1.34	965	380