

KARTA KATALOGOWA

R2E133-AR04-09

Wentylator promieniowy AC, łopatki zakrzywione do przodu, jednostronnie ssący

Producent: ebm-papst

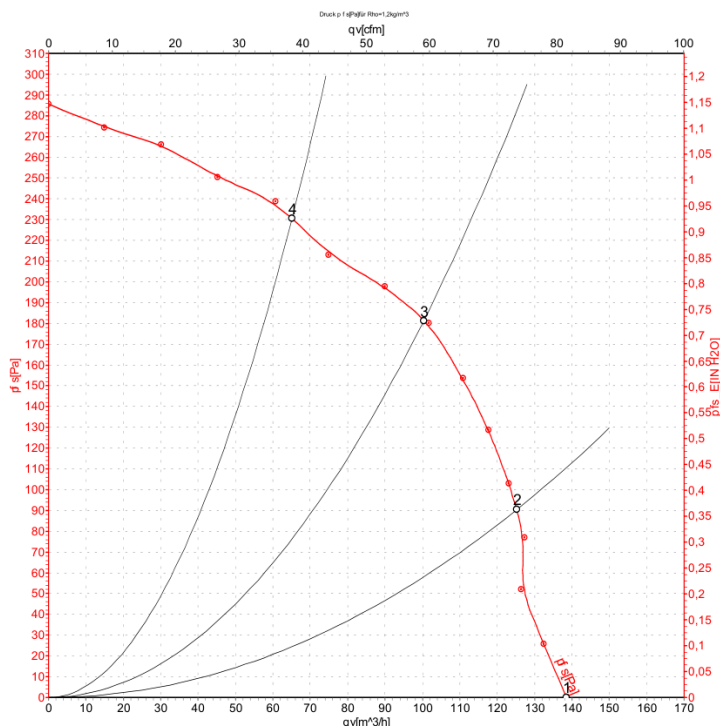


Zdjęcie poglądowe

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	133 mm
Częstotliwość	50 Hz	Materiał wirnika	stal ocynkowana
Prędkość obrotowa	2000 obr/min	Stopień ochrony	IP44
Pobór mocy	40 W	Klasa izolacji	B
Pobór prądu	0,18 A	Zabezpieczenie silnika	termik (TOP)
Kondensator	1,5 µF / 400 V	Masa	0,63 kg
Maks. wydajność	140 m³/h		
Maks. ciśnienie statyczne	230 Pa		
Temperatura otoczenia	-20...+40 °C		

Charakterystyka przepływowa

Curves: Air performance 50 Hz



Measurement: LU-113767-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

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

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AC centrifugal fan

forward-curved

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General partner Elektrobau Mulfingen GmbH · Headquarters Mulfingen

Amtsgericht (court of registration) Stuttgart · HRB 590142

Nominal data

Type	R2E133-AR04-09	
Motor	M2E042-CA	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		fa
Valid for approval/standard		CE
Speed (rpm)	min ⁻¹	2000
Power consumption	W	40
Current draw	A	0.18
Capacitor	µF	1.5
Capacitor voltage	VDB	400
Capacitor standard		S2 (CE)
Min. back pressure	Pa	0
Min. back pressure	inH ₂ O	0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	40

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment

Subject to change



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Technical description

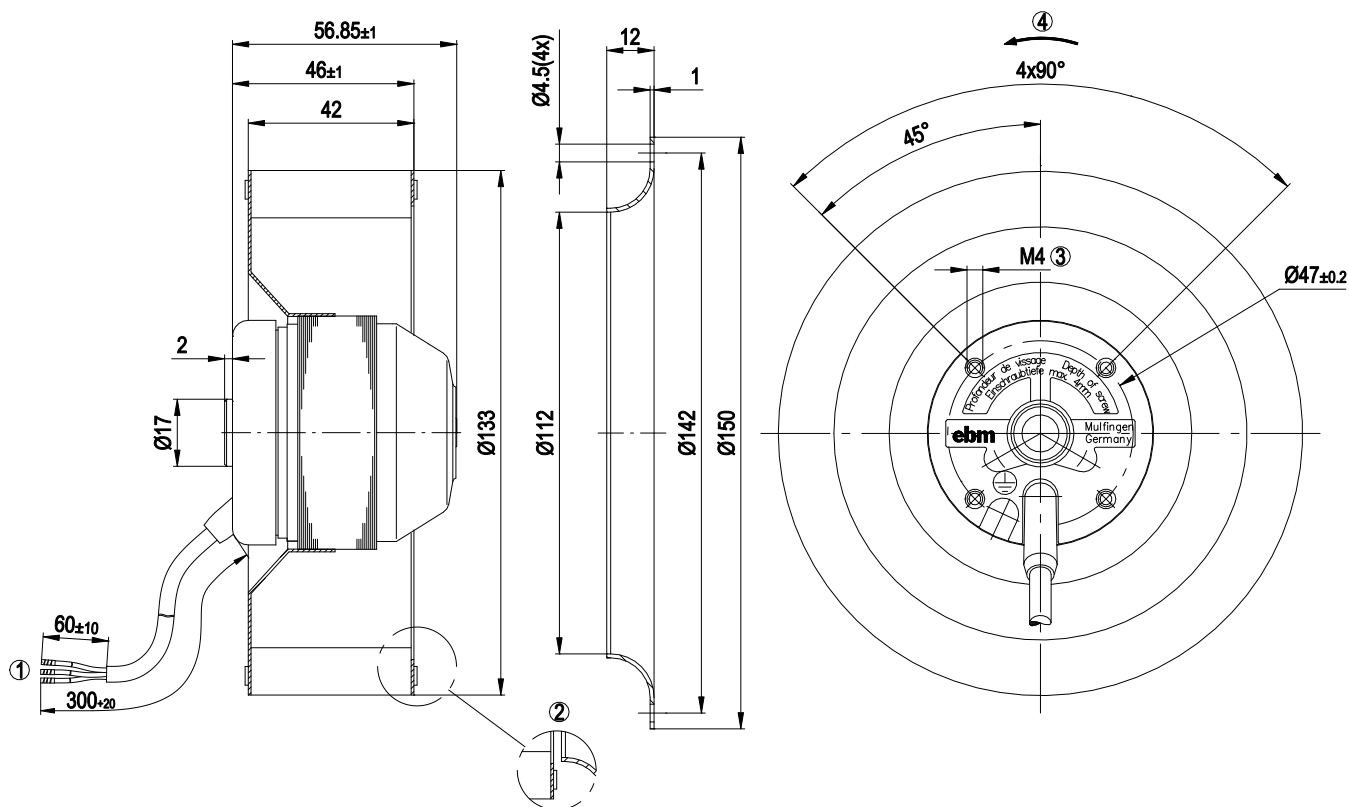
Weight	0.63 kg
Fan size	133 mm
Rotor surface	Painted black
Impeller material	Sheet steel, hot-dip galvanized
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44
Insulation class	"B"
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Shaft horizontal
Condensation drainage holes	None
Mode	S1
Motor bearing	Sleeve bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) internally connected
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE

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Product drawing



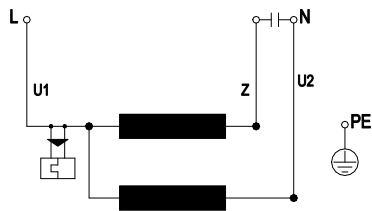
1	Cable PVC, 3x crimped splices
2	Accessory part: Inlet ring 09572-2-4013, not included in scope of delivery
3	Direction of rotation clockwise, viewed toward rotor
4	Max. clearance for screw 4 mm

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Connection diagram



U1	blue	Z	brown	U2	black
PE	green/yellow				

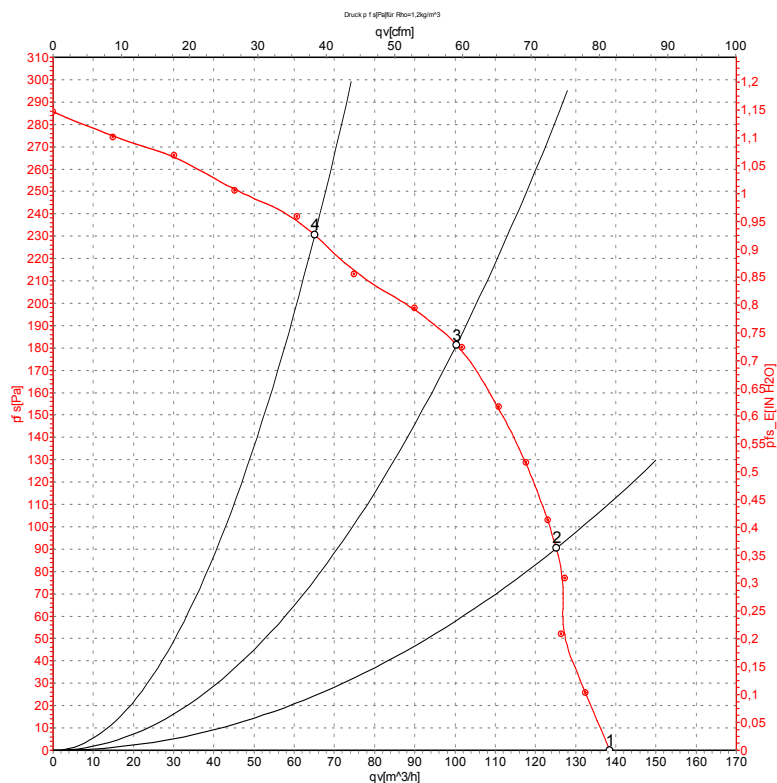


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Measured values

	U	f	n	P _e	I	q _v	p _{fs}	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa	cfm	inH2O
1	230	50	1315	45	0.20	140	0	80	0.00
2	230	50	1610	43	0.19	125	90	75	0.36
3	230	50	1980	40	0.17	100	180	60	0.72
4	230	50	2300	37	0.16	65	230	40	0.92

U = Power supply · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow · p_{fs} = Pressure increase