

KARTA KATALOGOWA

K2E225-AB92-09

Wentylator promieniowy AC, łopatki zakrzywione do tyłu, jednostronnie ssący, z obudową (z kołnierzem)

Producent: ebm-papst

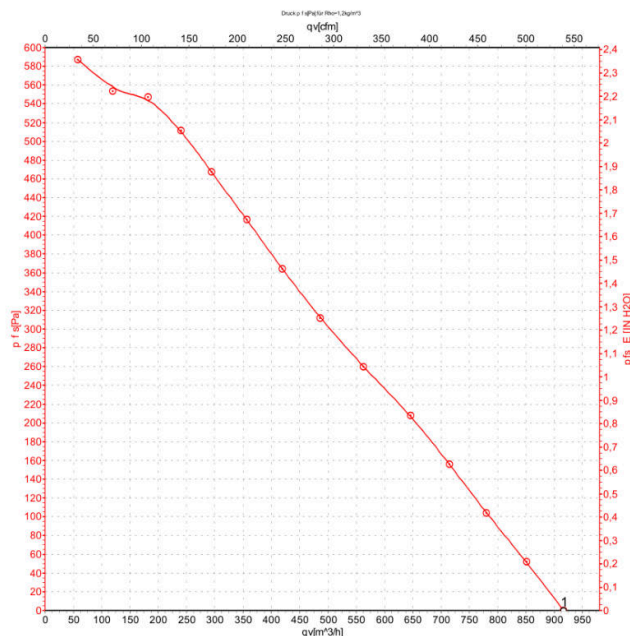


Zdjęcie poglądowe

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Wielkość	225 mm
Częstotliwość	50 / 60 Hz	Silnik	M2E068-DF
Prędkość obrotowa	2600 / 2750 obr/min	Materiał wirnika	tworzywo PA
Pobór mocy	155 / 220 W	Obudowa	tworzywo PA; blacha stalowa ocynkowana
Pobór prądu	0,68 / 0,97 A	Liczba łopatek	7
Prąd rozruchowy	1,18 A	Kierunek obrotów	w prawo, patrząc na wirnik
Kondensator	4 µF / 450 V	Stopień ochrony	IP44
Maks. wydajność	915 m³/h	Klasa izolacji	F
Maks. ciśnienie statyczne	590 Pa	Zabezpieczenie silnika	termik (TOP), podłączony wewnętrznie
Temperatura otoczenia	-25...+60 °C	Łożyskowanie	kulkowe
		Podłączenie	kondensator zamontowany
		Masa	4,1 kg

Charakterystyka przepływowa (50 Hz)

Curves: Air performance 50 Hz



Measurement: LU-60527-1

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 okładce wg karty katalogowej 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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K2E225-AB92-09

AC centrifugal fan
backward-curved, single-intake
with housing (flange)

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Nominal data

Type	K2E225-AB92-09		
Motor	M2E068-DF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Method of obtaining data		fa	fa
Valid for approval/standard		-	-
Speed (rpm)	min ⁻¹	2600	2750
Power consumption	W	155	220
Current draw	A	0.68	0.97
Capacitor	µF	4	4
Capacitor voltage	VDB	450	450
Capacitor standard		S2 (CE)	S2 (CE)
Min. back pressure	Pa	0	0
Min. back pressure	in. wg	0	0
Min. ambient temperature	°C	-25	-25
Max. ambient temperature	°C	60	60
Starting current	A	1.18	1.18

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



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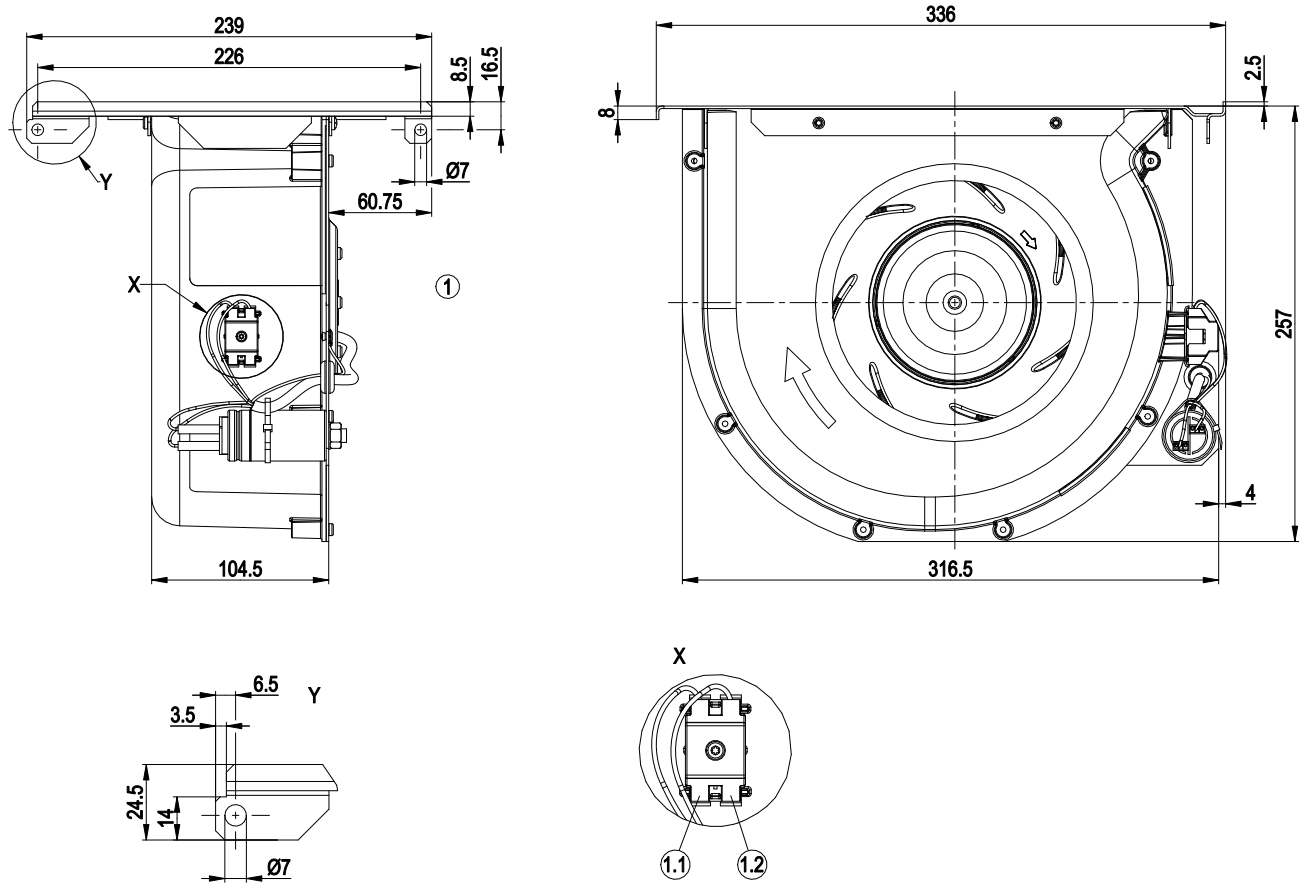
Technical description

Weight	4.1 kg
Fan size	225 mm
Rotor surface	Painted black
Impeller material	PA plastic
Housing material	PA plastic; sheet steel, galvanized
Number of blades	7
Direction of rotation	Clockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent as per EN 60034-5
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H1
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensation drainage holes	On rotor side
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Electrical hookup	Capacitor mounted
Motor protection	Thermal overload protector (TOP) internally connected
Protection class	I (with customer connection of protective earth)
Motor capacitor according to EN 60252-1 in safety protection class	S2
Conformity with standards	EN 60335-1
Approval	UL 507; CCC; CSA C22.2 No. 113

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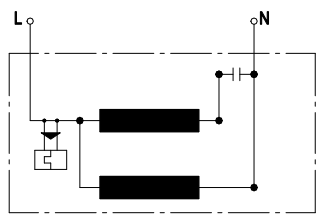
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Product drawing



1	Cable PFA AWG20	1.1	blue	1.2	black
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Connection diagram



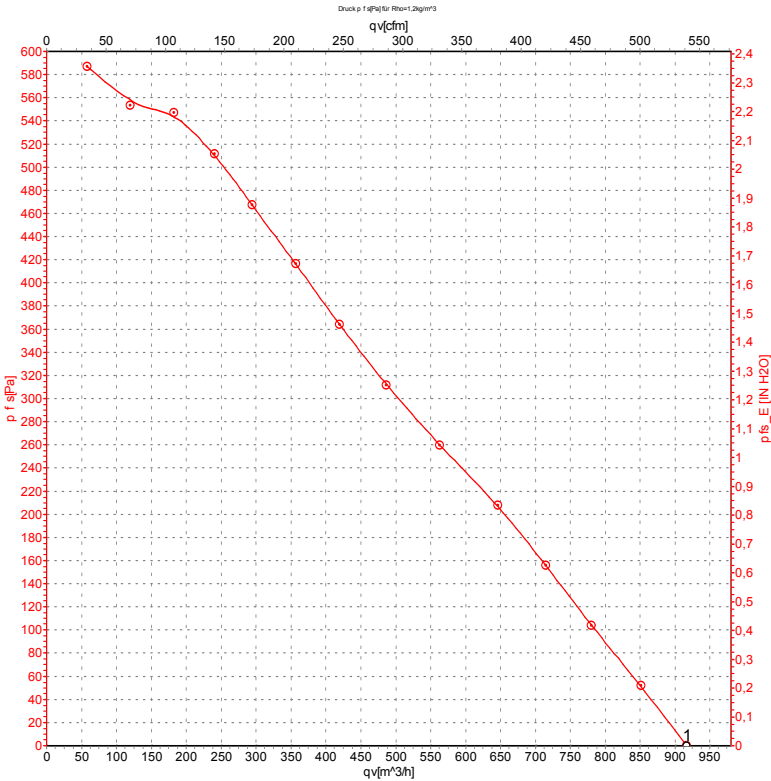
L	blue	N	black
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K2E225-AB92-09

AC centrifugal fan
backward-curved, single-intake
with housing (flange)

Curves: Air performance 50 Hz



Measurement: LU-60527-1

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.

Measured values

	U	f	n	P _e	I	q _v	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	cfm	in. wg
1	230	50	2600	155	0.68	915	540	0.00

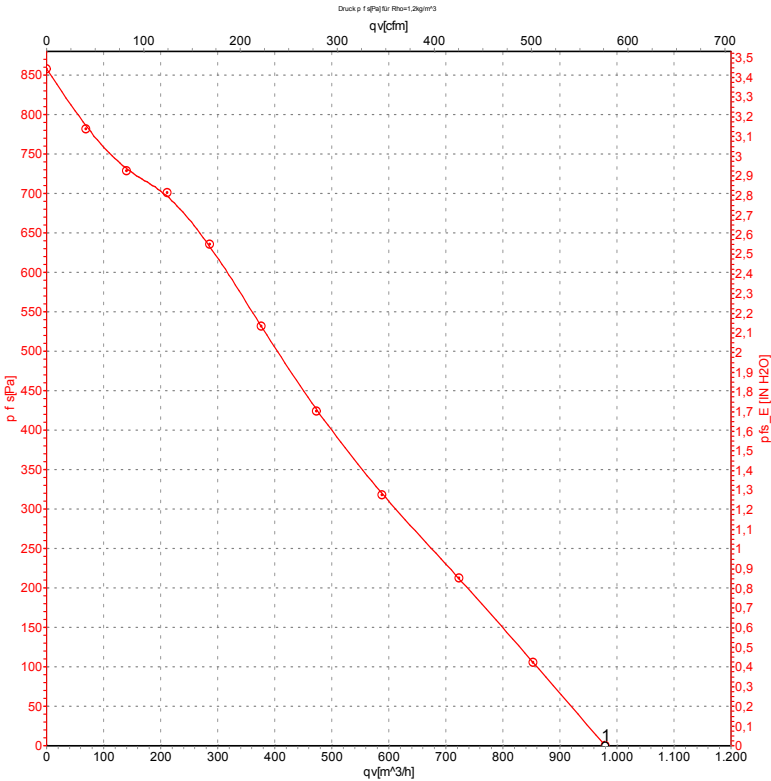
U = Power supply · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow



K2E225-AB92-09

AC centrifugal fan
backward-curved, single-intake
with housing (flange)

Curves: Air performance 60 Hz



Measurement: LU-60529-1

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.

Measured values

	U	f	n	P _e	I	q _v	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	cfm	in. wg
1	230	60	2750	220	0.97	980	575	0.00

U = Power supply · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow

