

KARTA KATALOGOWA

W2E200-HH38-07

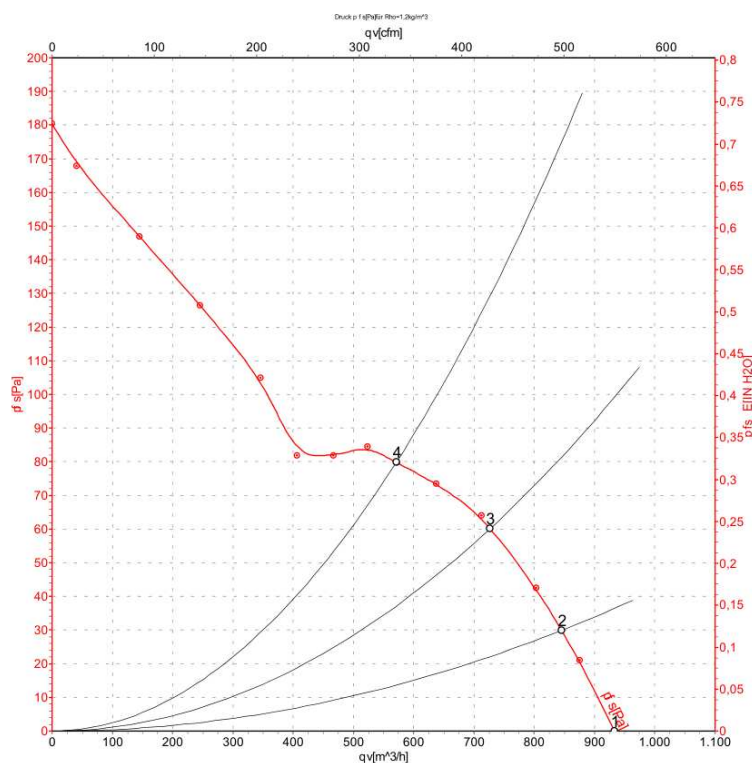
Wentylator osiowy kompaktowy AC, łopatki sierpowe (seria S),
200 mm, z kratką

Producent: ebm-papst

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica	200 mm
Częstotliwość	50 / 60 Hz	Silnik	M2E068-BF
Prędkość obrotowa	2550 / 2800 obr/min	Materiał łopatek	blacha stalowa, malowana na czarno
Pobór mocy	64 / 80 W	Obudowa	odlew aluminiowy
Pobór prądu	0,29 / 0,35 A	Kratka ochronna	stal ocynkowana, powlekana (RAL 9006)
Maks. przeciwnieśnienie	100 / 120 Pa	Liczba łopatek	9
Kondensator	1,5 µF / 400 V	Stopień ochrony	IP44
Temperatura otoczenia	-25...+60 °C (50 Hz)	Klasa izolacji	B
		Łożyskowanie	kulkowe
		Masa	2,0 kg

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-57318

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.

Dane na okładce wg dokumentacji ebm-papst; za okładką oryginalna karta producenta.
Wartości przy swobodnym wydmuchu; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

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W2E200-HH38-07

AC axial compact fan

sickled blades (S series)

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Nominal data

Type	W2E200-HH38-07			
Motor	M2E068-BF			
Phase		1~	1~	1~
Nominal voltage	VAC	230	230	230
Frequency	Hz	50	60	60
Type of data definition		fa	fa	fa
Valid for approval / standard		CE	CE	UL 2111
Speed	min ⁻¹	2550	2800	2800
Power input	W	64	80	85
Current draw	A	0.29	0.35	0.36
Motor capacitor	µF	1.5	1.5	1.5
Capacitor voltage	VDB	450	450	450
Max. back pressure	Pa	100	120	120
Min. ambient temperature	°C	-25	-25	-25
Max. ambient temperature	°C	60	65	65
Starting current	A	0.55	0.54	0.54

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



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AC axial compact fan

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Technical features

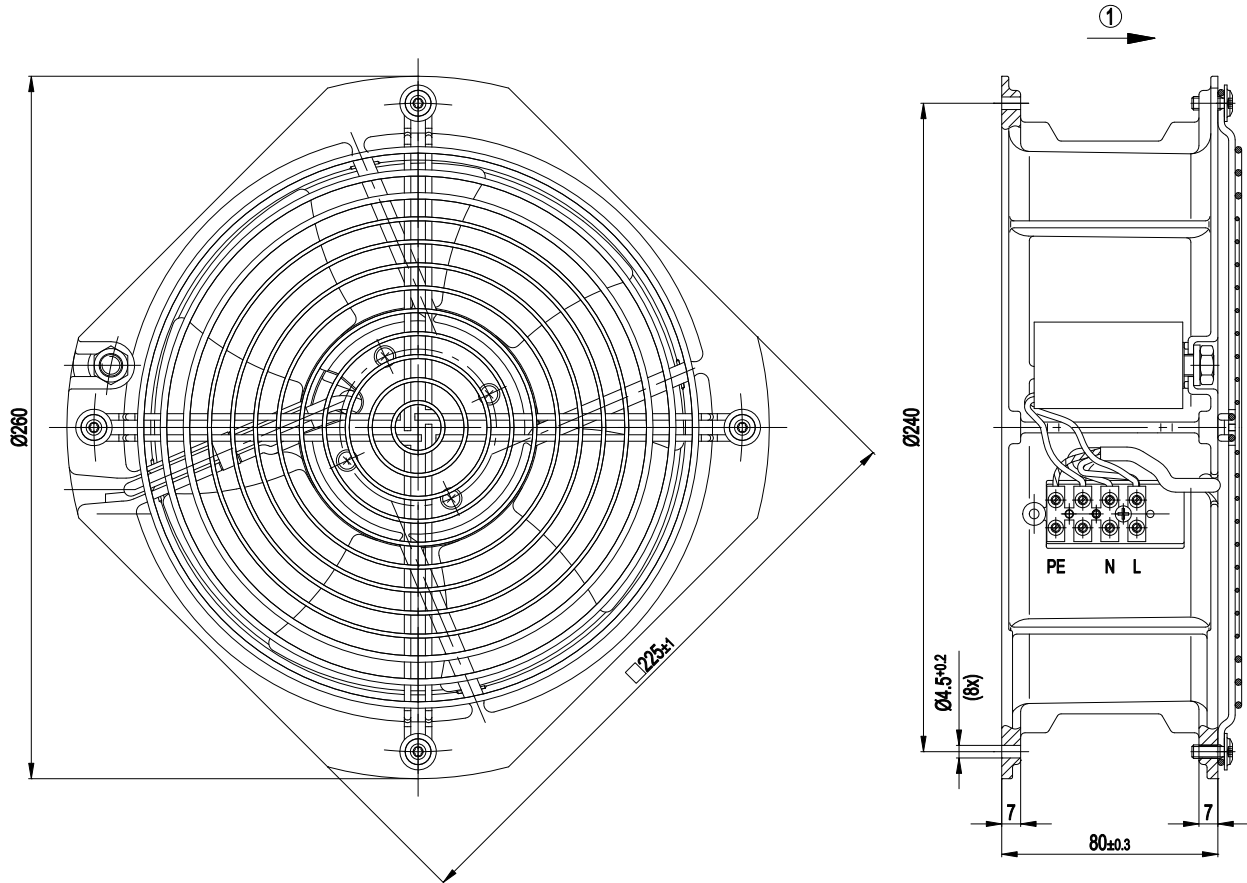
Mass	2.0 kg
Size	200 mm
Surface of rotor	Coated in black
Material of blades	Sheet steel, coated in black
Material of wall ring	Die-cast aluminium
Material of guard grille	Steel, galvanised and plastic-coated in white aluminium (RAL 9006)
Number of blades	9
Direction of air flow	"V"
Direction of rotation	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
Approval	UL 507; CCC; VDE; CSA C22.2 Nr.113



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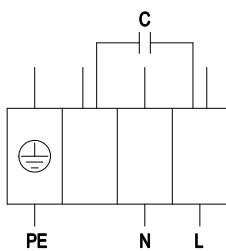
AC axial compact fan

Product drawing



1 Direction of air flow "V"

Terminal connections



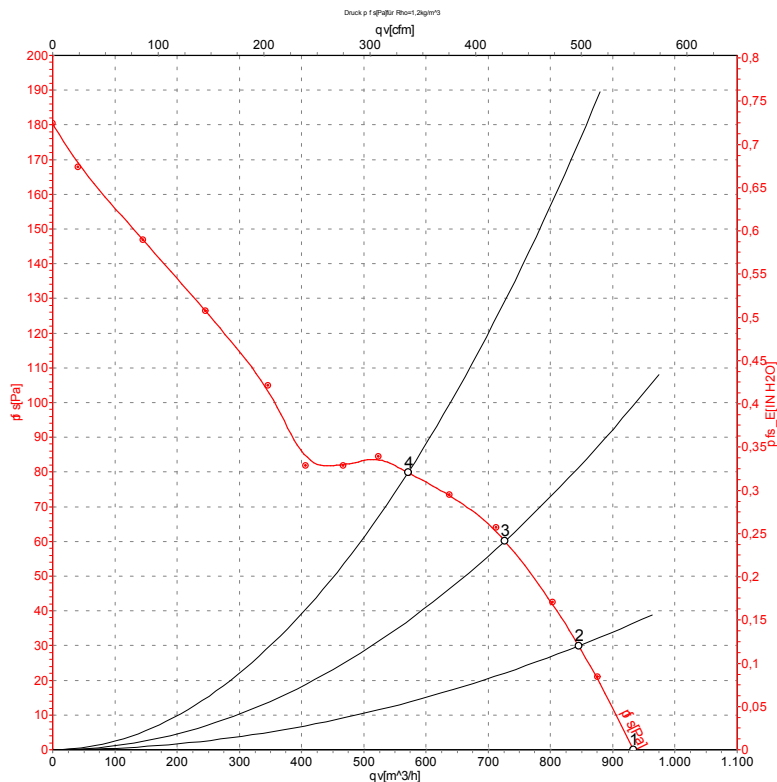
PE	green/yellow	N	blue	L	black
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W2E200-HH38-07

AC axial compact fan

sickled blades (S series)

Charts: Air flow 50 Hz



Measurement: LU-57318

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.

Measured values

	U	f	n	P _e	I	qv	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	50	2550	64	0.29	935	0
2	230	50	2500	67	0.32	845	30
3	230	50	2450	70	0.32	725	60
4	230	50	2410	72	0.33	570	80

U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow · p_{fs} = Pressure increase

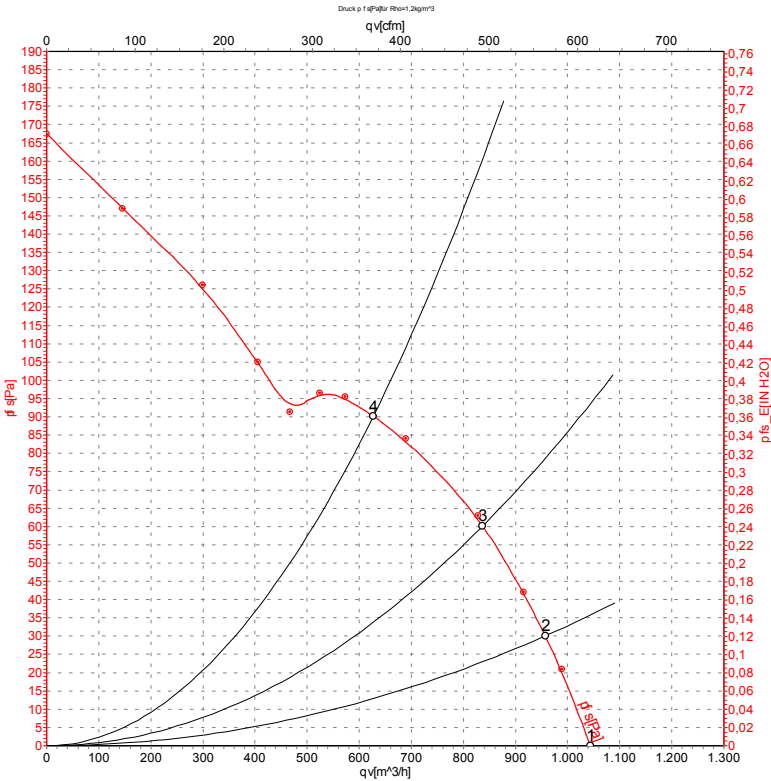


W2E200-HH38-07

AC axial compact fan

sickled blades (S series)

Charts: Air flow 60 Hz



Measurement: LU-57319

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.

Measured values

	U	f	n	P _e	I	qv	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	60	2800	80	0.35	1045	0
2	230	60	2775	81	0.35	955	30
3	230	60	2685	84	0.37	835	60
4	230	60	2575	88	0.38	625	90

U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow · p_{fs} = Pressure increase

