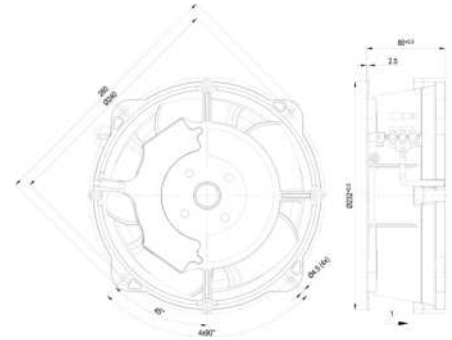


KARTA KATALOGOWA

W2E208-BA20-51

Wentylator diagonalny kompaktowy AC, łopatki sierpowe (seria S)

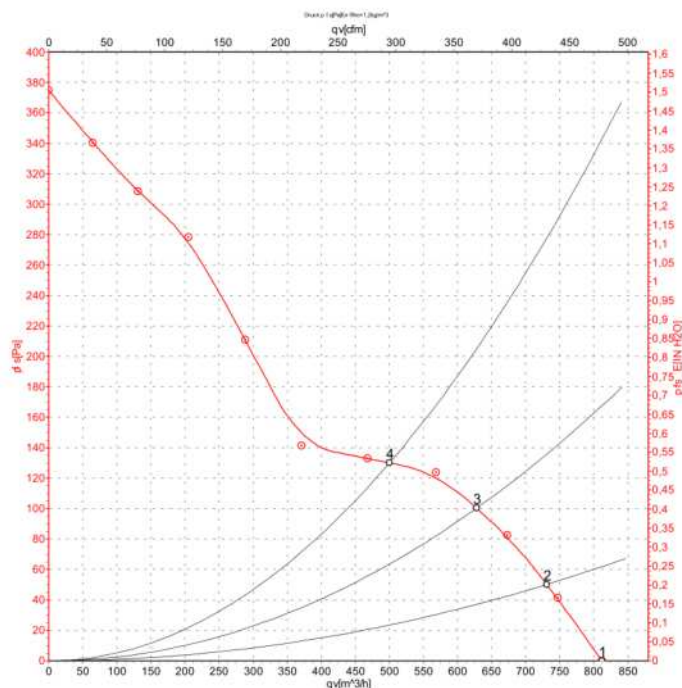
Producent: ebm-papst



Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Wielkość	208 mm
Częstotliwość	50 / 60 Hz	Silnik	M2E068-CF
Prędkość obrotowa	2750 / 3100 obr/min	Materiał wirnika	tworzywo PA66 wzmocnione włóknem szklanym
Pobór mocy	67 / 87 W	Liczba łopatek	5
Pobór prądu	0,33 / 0,39 A	Kierunek obrotów	w lewo, patrząc na wirnik
Prąd rozruchowy	0,92 / 0,86 A	Stopień ochrony	IP44
Maks. przeciwcisnienie	135 / 165 Pa	Klasa izolacji	F
Kondensator	1,5 µF / 400 V	Zabezpieczenie silnika	termik (TOP), podłączony wewnętrznie
Temperatura otoczenia	-25...+72 °C	Łożyskowanie	kulkowe
		Podłączenie	listwa zaciskowa, kondensator podłączony
		Masa	2,7 kg

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-58196

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 karty katalogowej producenta ebm-papst (oryginał na kolejnych stronach).

Wartości przy swobodnym wydmuchu; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

tel. +48 600 100 371 · tel. +48 604 959 199

biuro@luftberg.pl · www.luftberg.pl

W2E208-BA20-51

AC diagonal compact fan

sickled blades (S series)

ebm-papst Mulfingen GmbH & Co. KG
Bachmühle 2 · D-74673 Mulfingen
Phone +49 7938 81-0
Fax +49 7938 81-110
info1@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	W2E208-BA20-51		
Motor	M2E068-CF		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		fa	fa
Valid for approval / standard		CE	CE
Speed	min ⁻¹	2750	3100
Power input	W	67	87
Current draw	A	0.33	0.39
Motor capacitor	µF	1.5	1.5
Capacitor voltage	VDB	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Min. back pressure	Pa	0	0
Max. back pressure	Pa	135	165
Min. ambient temperature	°C	-25	-25
Max. ambient temperature	°C	72	72
Starting current	A	0.92	0.86

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



W2E208-BA20-51

AC diagonal compact fan

sickled blades (S series)

Technical features

Mass	2.7 kg
Size	208 mm
Surface of rotor	Coated in black
Material of impeller	Plastic PA66, fibreglass-reinforced
Material of wall ring	Die-cast aluminium, coated in black
Number of blades	5
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	"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
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Electrical leads	Via terminal strips, integrated capacitor connected via terminal strips
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Lateral
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE
Approval	UL 507; CSA C22.2 Nr.113

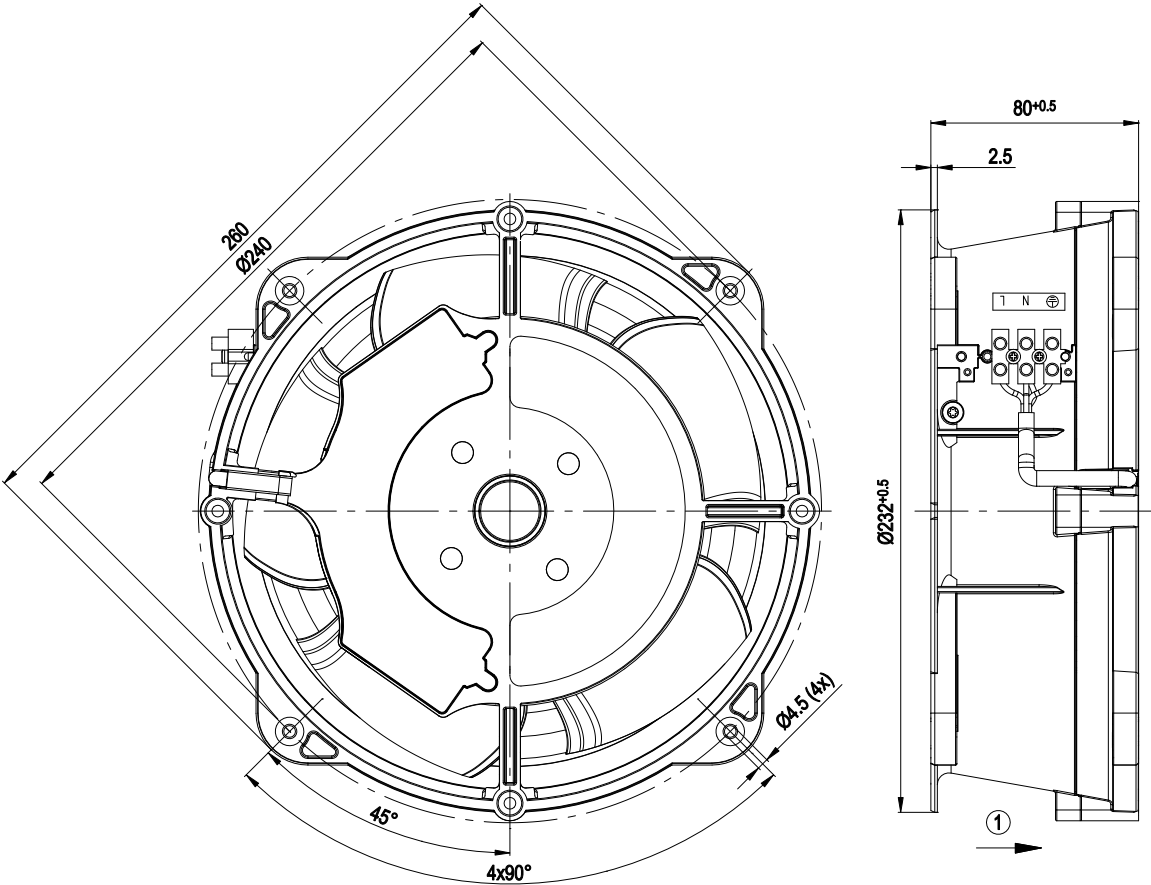


W2E208-BA20-51

AC diagonal compact fan

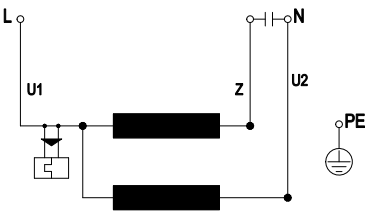
sickled blades (S series)

Product drawing



1 Direction of air flow "V"

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

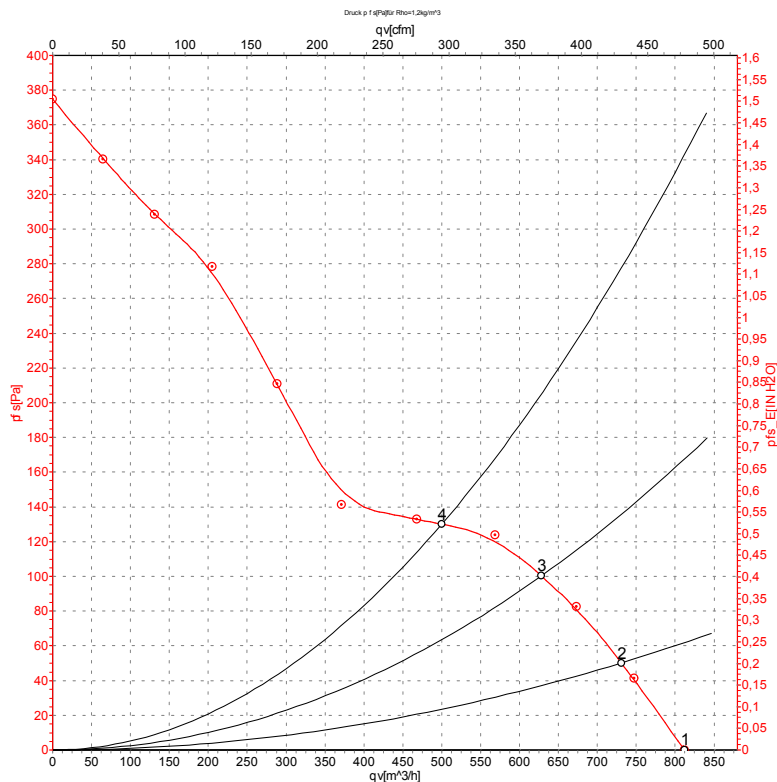


W2E208-BA20-51

AC diagonal compact fan

sickled blades (S series)

Charts: Air flow 50 Hz



Measurement: LU-58196

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.

Measured values

	U	f	n	P _e	I	qv	P _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	50	2750	67	0.33	810	0
2	230	50	2710	74	0.37	730	50
3	230	50	2685	77	0.38	630	100
4	230	50	2690	76	0.37	500	130

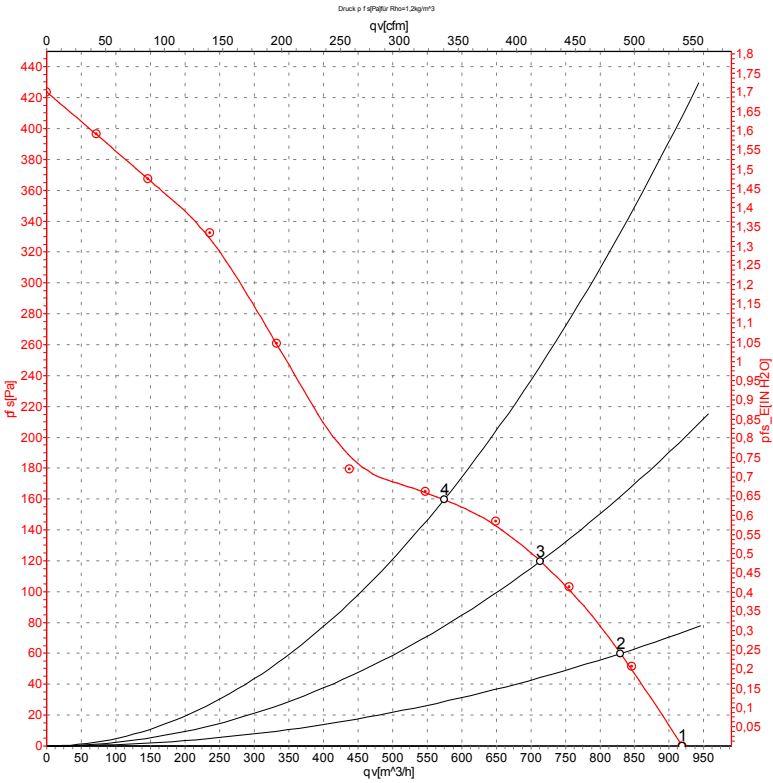
U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow · P_{fs} = Pressure increase



W2E208-BA20-51

AC diagonal compact fan
sickled blades (S series)

Charts: Air flow 60 Hz



Measurement: LU-58197

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.

Measured values

	U	f	n	P _e	I	qv	P _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	60	3100	87	0.39	920	0
2	230	60	3045	95	0.42	830	60
3	230	60	2980	102	0.44	715	120
4	230	60	2980	101	0.44	575	160

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

