

KARTA KATALOGOWA

A2S130-AA03-39

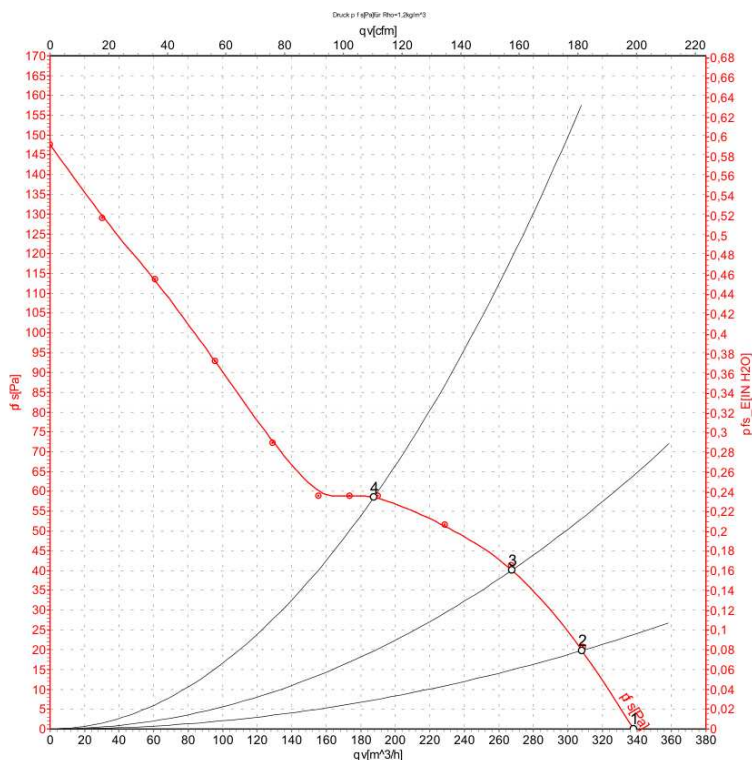
Wentylator osiowy AC, łopatki sierpowe (seria S), 130 mm

Producent: ebm-papst

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica	130 mm
Częstotliwość	50 / 60 Hz	Silnik	M2S052-CA
Prędkość obrotowa	2800 / 3250 obr/min	Materiał łopatek	blacha stalowa, malowana na czarno
Pobór mocy	45 / 39 W	Liczba łopatek	7
Pobór prądu	0,31 / 0,25 A	Stopień ochrony	IP20
Maks. przeciwnieśnienie	80 / 120 Pa	Klasa izolacji	B
Prąd rozruchowy	0,45 / 0,40 A	Zabezpieczenie silnika	termik (TOP), wyprowadzony
Temperatura otoczenia	-25...+50 °C (50 Hz)	Łożyskowanie	kulkowe
		Masa	0,7 kg

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-58475

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.

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

tel. +48 600 100 371 · tel. +48 604 959 199
biuro@luftberg.pl · www.luftberg.pl

A2S130-AA03-39

AC axial 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	A2S130-AA03-39		
Motor	M2S052-CA		
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	2800	3250
Power input	W	45	39
Current draw	A	0.31	0.25
Max. back pressure	Pa	80	120
Min. ambient temperature	°C	-25	-25
Max. ambient temperature	°C	50	70
Starting current	A	0.45	0.40

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



A2S130-AA03-39

AC axial fan

sickled blades (S series)

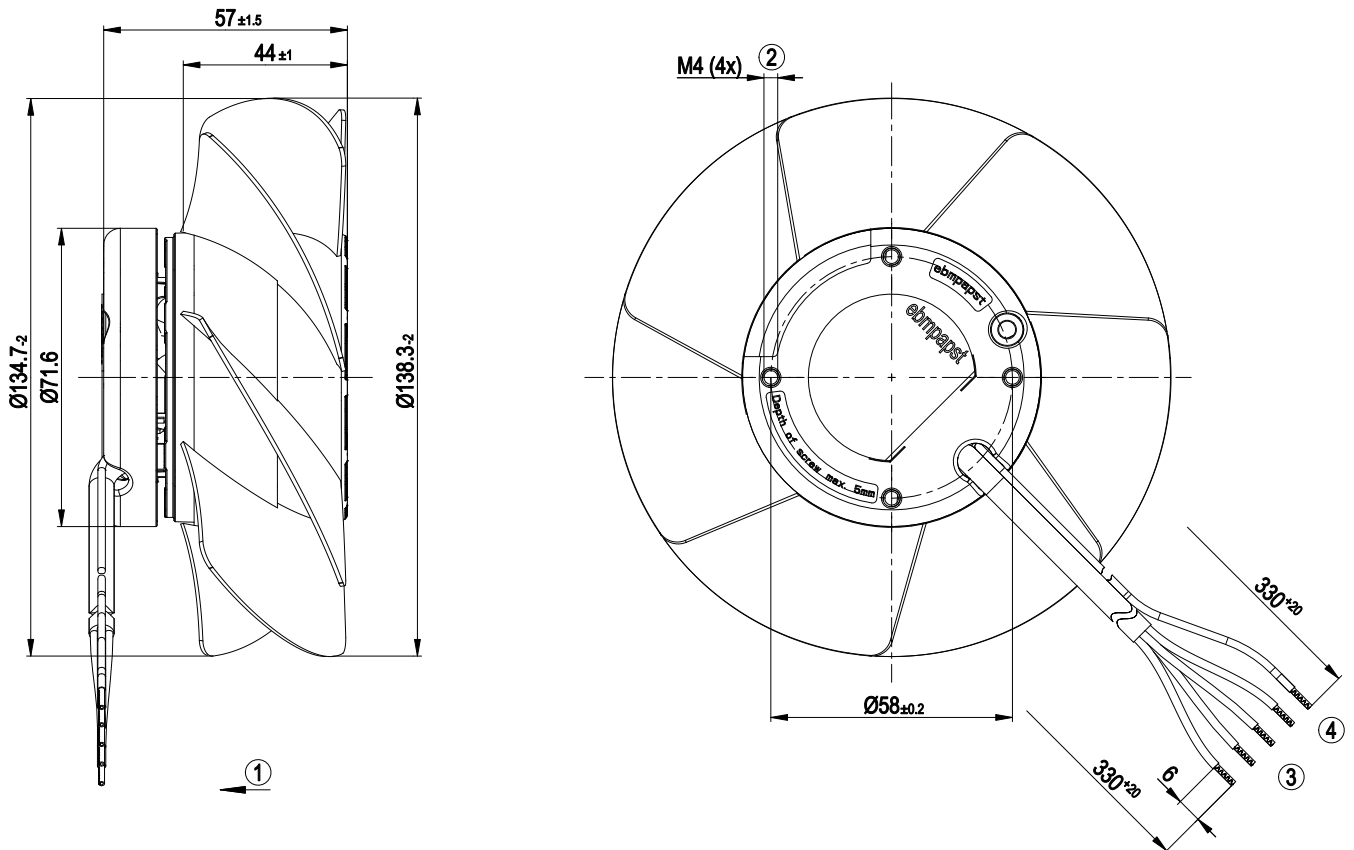
Technical features

Mass	0.7 kg
Size	130 mm
Surface of rotor	Rotor open, coated in black
Material of blades	Sheet steel, coated in black
Number of blades	7
Direction of air flow	"V"
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 20
Insulation class	"B"
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, open rotor
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) brought out
Cable exit	Variable
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE
Approval	CSA C22.2 Nr.100; UL 1004-1

A2S130-AA03-39

AC axial fan sickled blades (S series)

Product drawing

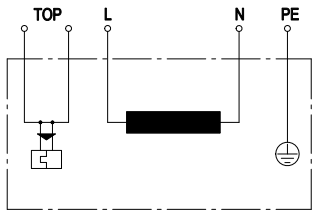


1	Direction of air flow "V"
2	Depth of screw max. 5 mm
3	Connection line PFA AWG20, 4 x brass lead tips crimped
4	Connection line PFA AWG20, green/yellow, 1x brass lead tip crimped

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AC axial fan
sickled blades (S series)

Connection screen



L	black	N	black	PE	green/yellow
TOP	2 x white				

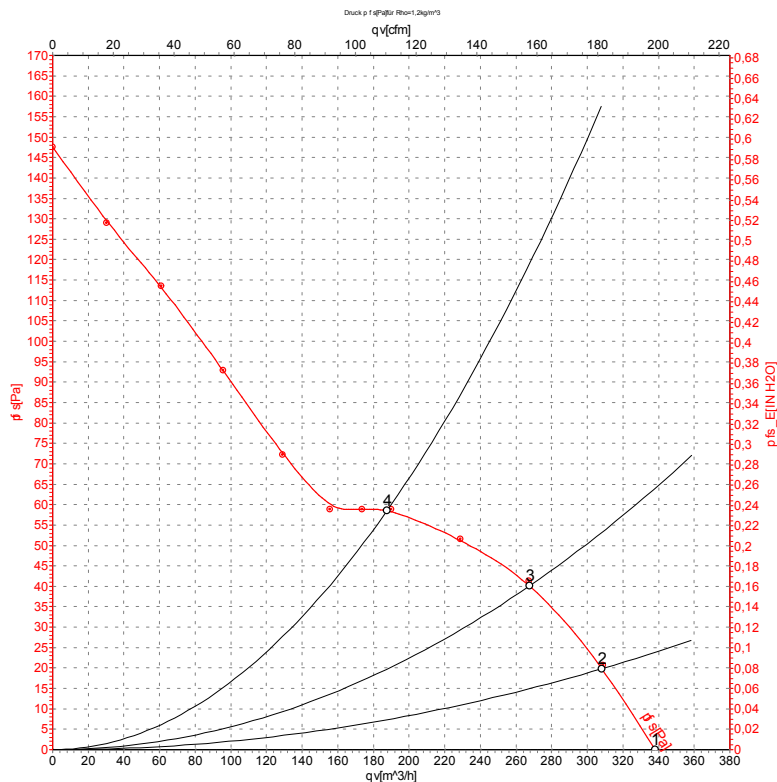


A2S130-AA03-39

AC axial fan

sickled blades (S series)

Charts: Air flow 50 Hz



Measurement: LU-58475

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	2800	45	0.31	340	0
2	230	50	2795	45	0.31	310	20
3	230	50	2780	46	0.31	270	40
4	230	50	2780	46	0.31	190	59

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

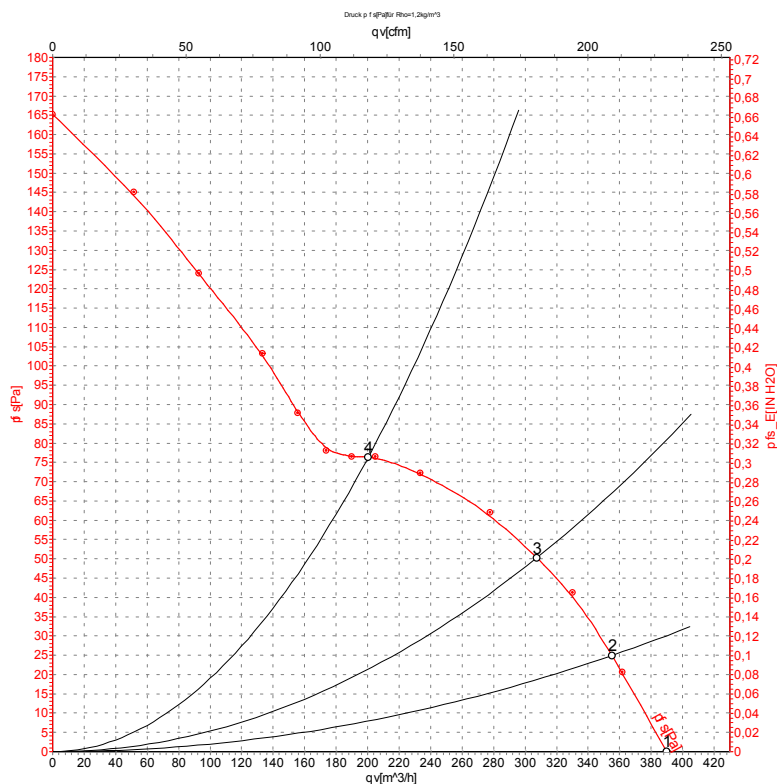


A2S130-AA03-39

AC axial fan

sickled blades (S series)

Charts: Air flow 60 Hz



Measurement: LU-58476

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	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	60	3250	39	0.25	390	0
2	230	60	3200	42	0.25	355	25
3	230	60	3165	43	0.26	305	50
4	230	60	3170	43	0.26	200	75

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

