

KARTA KATALOGOWA

S4E300-AS72-31

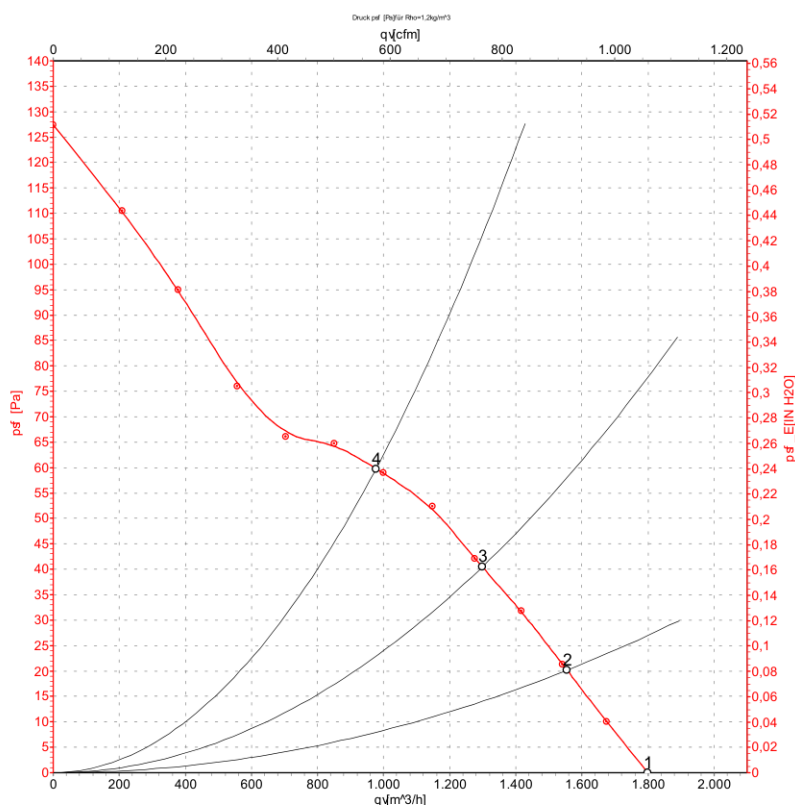
Wentylator osiowy AC HyBlade, łopatki sierpowe (seria S), z kratką ochronną

Producent: ebm-papst

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	300 mm
Częstotliwość	50/60 Hz	Materiał wirnika	PP-GF40
Prędkość obrotowa	1380 / 1590 obr/min	Liczba łopatek	5
Pobór mocy	62 / 80 W	Kierunek przepływu	„A”
Pobór prądu	0,28 / 0,36 A	Stopień ochrony	IP44
Kondensator	2 µF / 400 V	Klasa izolacji	B
Maks. przeciwnieśnienie	60 / 70 Pa	Masa	2,85 kg
Maks. temp. otoczenia	+60 °C		

Charakterystyka przepływowa (50 Hz)

Charts: Air flow 50 Hz



Measurement: LU-112383

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

Wartości dla 50 Hz / 60 Hz; 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

S4E300-AS72-31

AC axial fan - HyBlade®

sickled blades (S series)

with guard grille for full nozzle

ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

D-74673 Mulfingen

Phone: +49(0)7938/81-0

Fax: +49(0)7938/81-110

info1@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	S4E300-AS72-31		
Motor	M4E068-CF		
Phase		1~	1~
Nominal voltage	V	230	230
Frequency	Hz	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	min ⁻¹	1380	1590
Power input	W	62	80
Current draw	A	0.28	0.36
Motor capacitor	µF	2	2
Capacitor voltage	VDB	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	Pa	60	70
Max. ambient temperature	°C	60	60

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

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Technical features

Leackage current	< 0.75 mA
Size	300 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F1-2
Direction of air flow	"A"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	None
Motor bearing	Ball bearing
Mass	2.85 kg
Material of impeller	PP-GF40 plastic
Material of guard grille	Steel, phosphated and coated in black plastic
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Coated in black
Number of blades	5
Type of protection	IP 44; Depending on installation and position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C

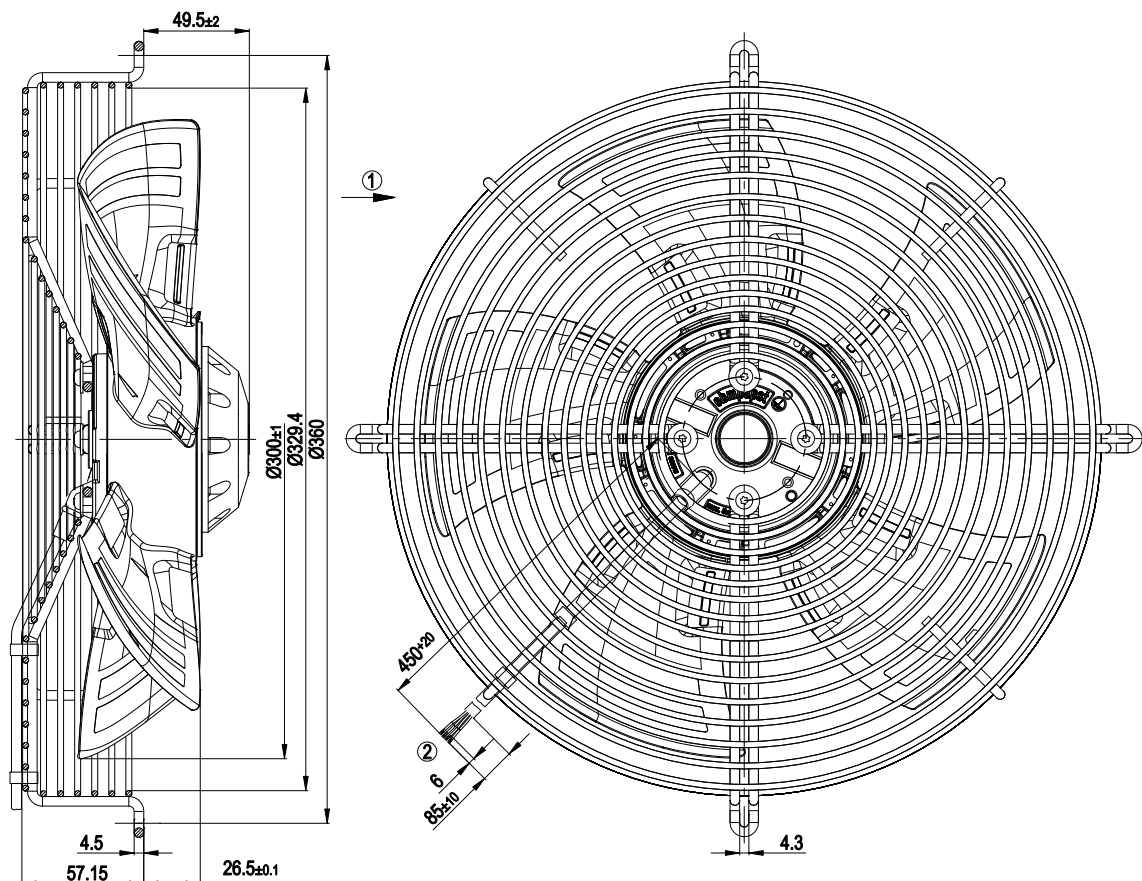
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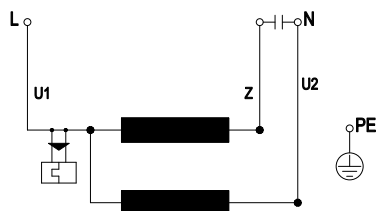
with guard grille for full nozzle

Product drawing


 1 Connection line PVC 4 x 0.5 mm²; 4 x brass lead tips crimped

2 Direction of air flow "A"

Connection screen



U1 blue

Z brown

U2 black

PE green/yellow

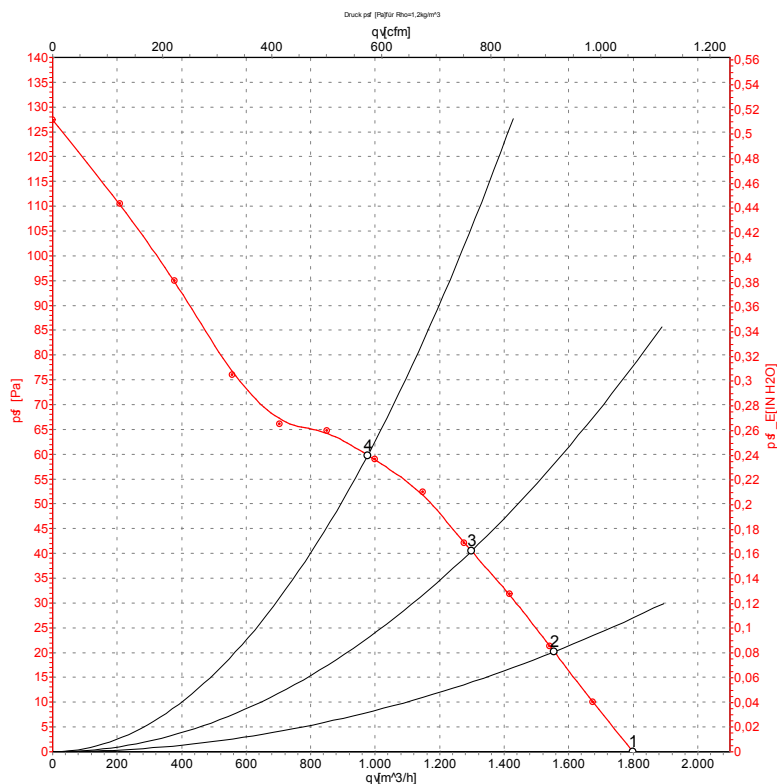
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Charts: Air flow 50 Hz



Measurement: LU-112383

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Measured values

	U	f	n	P ₁	I	LpA _{in}	LwA _{in}	qv	psf
	V	Hz	min ⁻¹	W	A	dB(A)	dB(A)	m³/h	Pa
1	230	50	1380	62	0.28	53	60	1800	0
2	230	50	1370	63	0.28	52	59	1555	20
3	230	50	1355	66	0.29	51	58	1300	40
4	230	50	1330	70	0.31	53	61	975	60

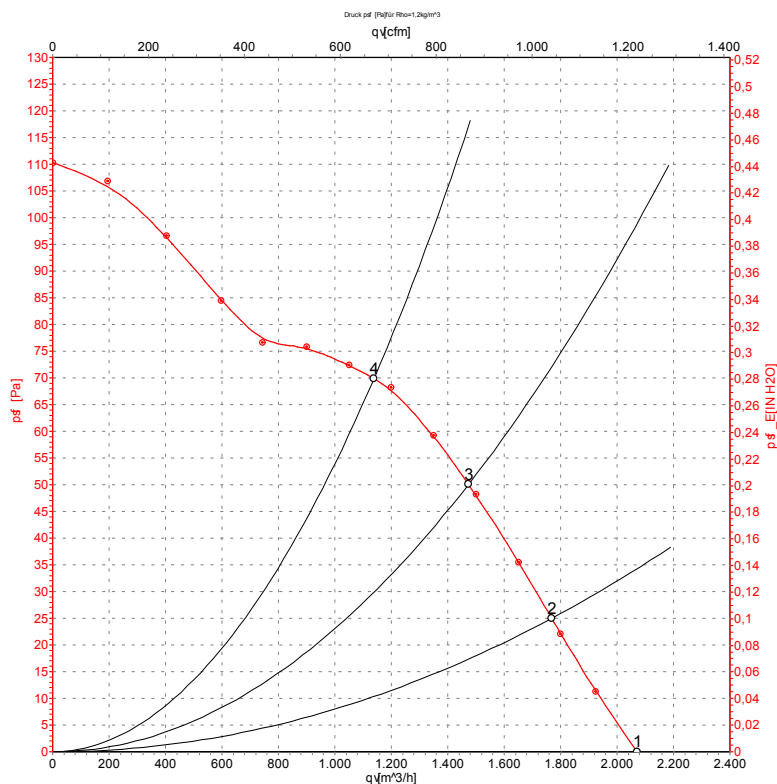
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AC axial fan - HyBlade®

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with guard grille for full nozzle

Charts: Air flow 60 Hz



Measurement: LU-112387

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 ₁	I	LpA _{in}	LwA _{in}	qv	P _{sf}
	V	Hz	min ⁻¹	W	A	dB(A)	dB(A)	m³/h	Pa
1	230	60	1590	80	0.36	56	63	2070	0
2	230	60	1555	84	0.37	55	62	1770	25
3	230	60	1525	87	0.38	54	62	1475	50
4	230	60	1475	91	0.40	55	63	1140	70