

ASIA PACIFIC SHENGRUI LIMITED

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## Nominal data

Type	A2D210-AB10-05		
Motor	M2D068-CC		
Phase		3~	3~
Nominal voltage	VAC	200	200
Frequency	Hz	50	60
Type of data definition		fa	cu
Valid for approval / standard		CE	CE
Speed	min <sup>-1</sup>	2700	3050
Power input	W	64	86
Current draw	A	0.33	0.31
Max. ambient temperature	°C	90	90

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

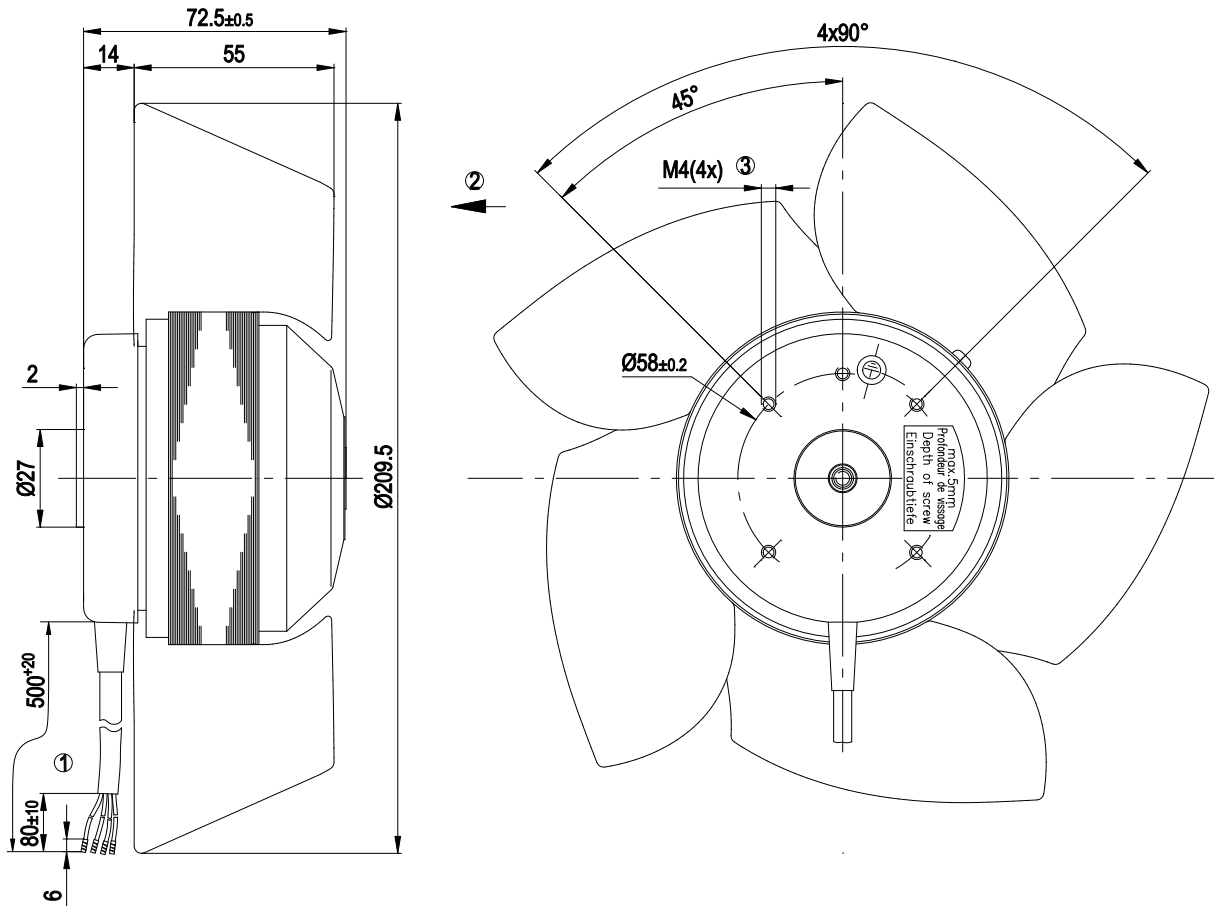
# AC axial fan

sickled blades (S series)

## Technical features

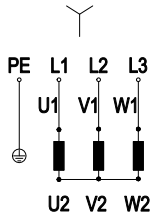
<b>Mass</b>	1.6 kg
<b>Size</b>	210 mm
<b>Surface of rotor</b>	Coated in black
<b>Material of blades</b>	Sheet steel, coated in black
<b>Number of blades</b>	5
<b>Direction of air flow</b>	"V"
<b>Direction of rotation</b>	Counter-clockwise, seen on rotor
<b>Type of protection</b>	IP 44; Depending on installation and position as per EN 60034-5
<b>Insulation class</b>	"F"
<b>Humidity class</b>	F2-2
<b>Max. permissible ambient motor temp. (transp./ storage)</b>	+ 80 °C
<b>Min. permissible ambient motor temp. (transp./storage)</b>	- 40 °C
<b>Mounting position</b>	Shaft horizontal or rotor on bottom; rotor on top on request
<b>Condensate discharge holes</b>	Rotor-side
<b>Operation mode</b>	S1
<b>Motor bearing</b>	Ball bearing
<b>Leakage current</b>	< 0.75 mA
<b>Cable exit</b>	Lateral
<b>Protection class</b>	I (if protective earth is connected by customer)
<b>Product conforming to standard</b>	EN 60335-1
<b>Approval</b>	UL 1004-1; CSA C22.2 Nr.100

Product drawing



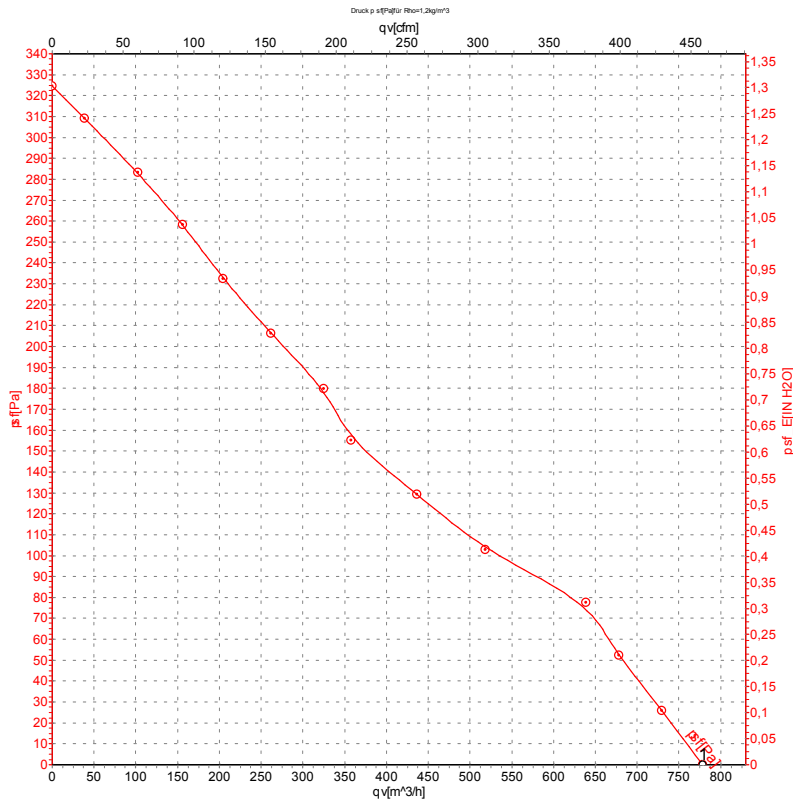
- |   |  |
|---|--|
| 1 | Connection line PFA AWG20, 4 x brass lead tips crimped |
| 2 | Direction of air flow "V"                              |
| 3 | Depth of screw max. 5 mm                               |

## Connection screen



Y	Star connection	L1	black	L2	blue
L3	brown	PE	green/yellow		

## Charts: Air flow 50 Hz



Measurement: LU-43914

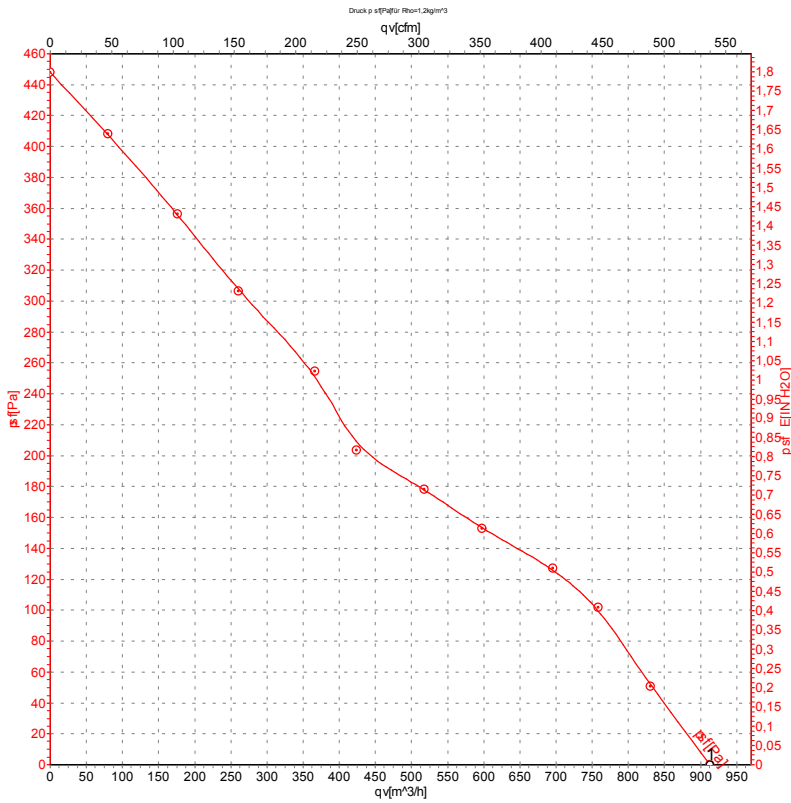
Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: L<sub>wA</sub> measured as per ISO 13347 / L<sub>pA</sub> measured with 1m distance to fan axis. The values given are valid under the 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 <sub>e</sub>	I	qv
	V	Hz	min <sup>-1</sup>	W	A	m <sup>3</sup> /h
1	400	50	2750	89	0.26	780



## Charts: Air flow 60 Hz



Measurement: LU-42528

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	Pe	I	qv
	V	Hz	min <sup>-1</sup>	W	A	m <sup>3</sup> /h
1	480	60	3250	130	0.27	915

