

AC axial fan

sickled blades (S series)
with guard grille for full nozzle

S4E300-BP26-40 ebmpapst Datasheet
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Nominal data

Type	S4E300-BP26-40		
Motor	M4E068-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	1400	1610
Power input	W	70	94
Current draw	A	0.32	0.41
Motor capacitor	µF	2.0	2.0
Capacitor voltage	VDB	450	450
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	Pa	60	60
Max. ambient temperature	°C	55	45

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



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Technical features

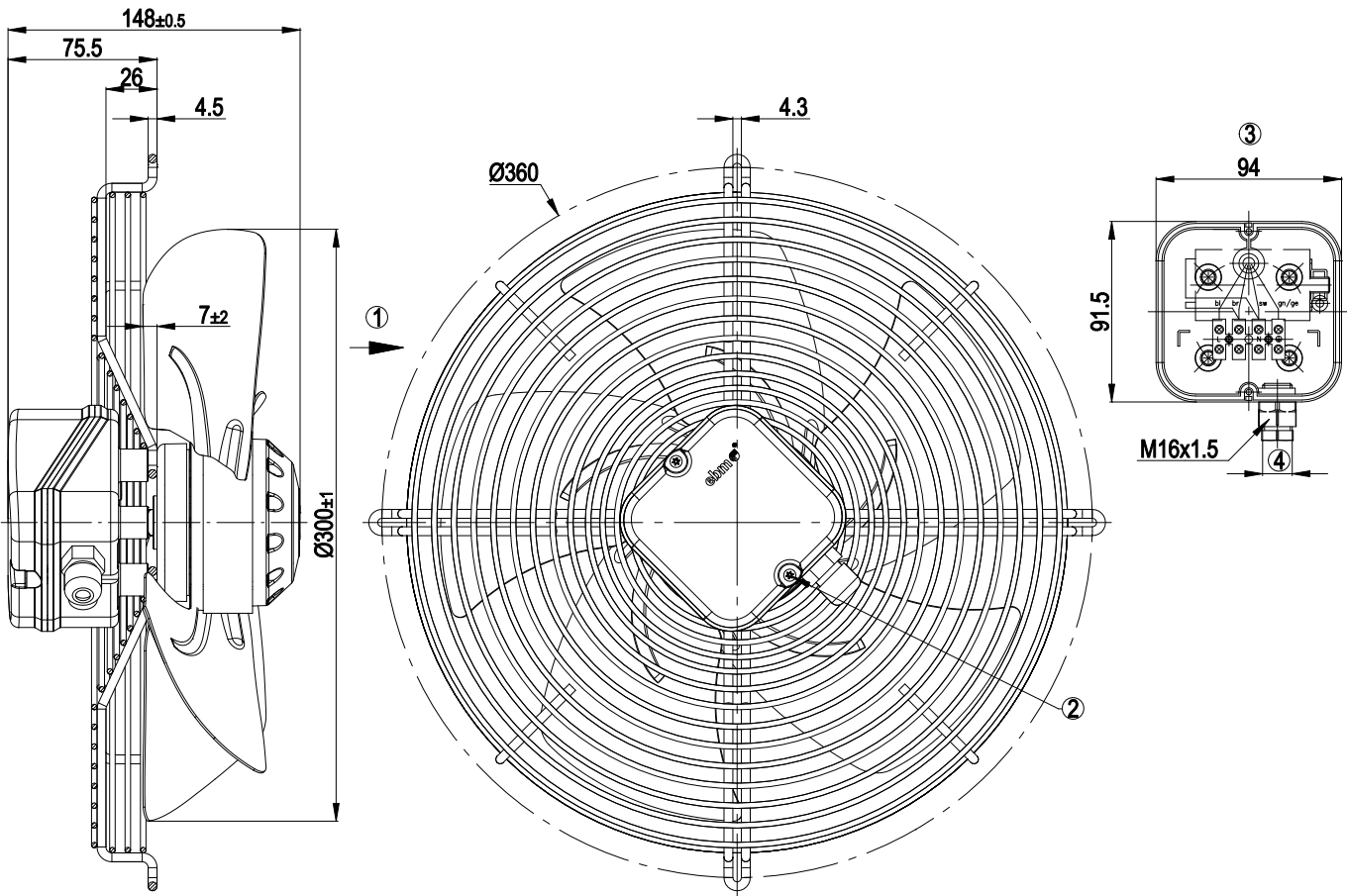
Mass	2.85 kg
Size	300 mm
Surface of rotor	Coated in black
Material of terminal box	ABS plastic, black
Material of blades	Sheet steel, coated in black
Material of guard grille	Steel, phosphated and coated in black plastic
Number of blades	5
Direction of air flow	"A"
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 44
Insulation class	"B"
Humidity class	F1-2
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Leakage current	< 0.75 mA
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
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



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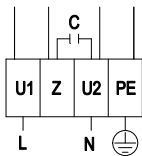
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Product drawing



1	Direction of air flow "A"
2	Tightening torque 0.7 Nm
3	Shown without terminal box cover
4	Cable diameter: max. 7.5 mm, tightening torque 1.3 Nm

Connection screen



L	= U1 = blue	Z	brown	N	= U2 = black
PE	green/yellow				

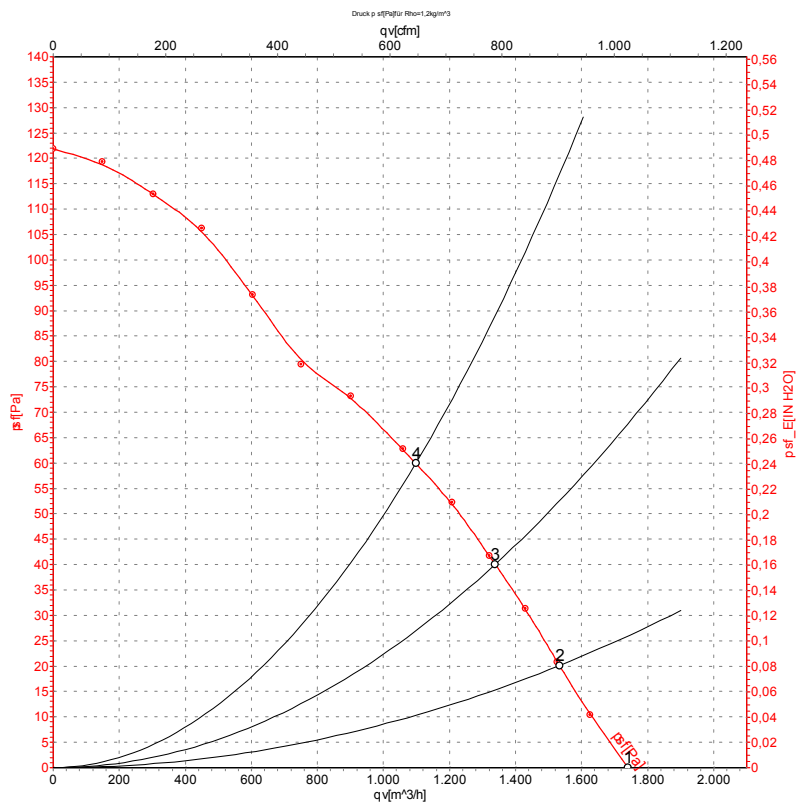


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Charts: Air flow 50 Hz



Measurement: LU-60321

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.

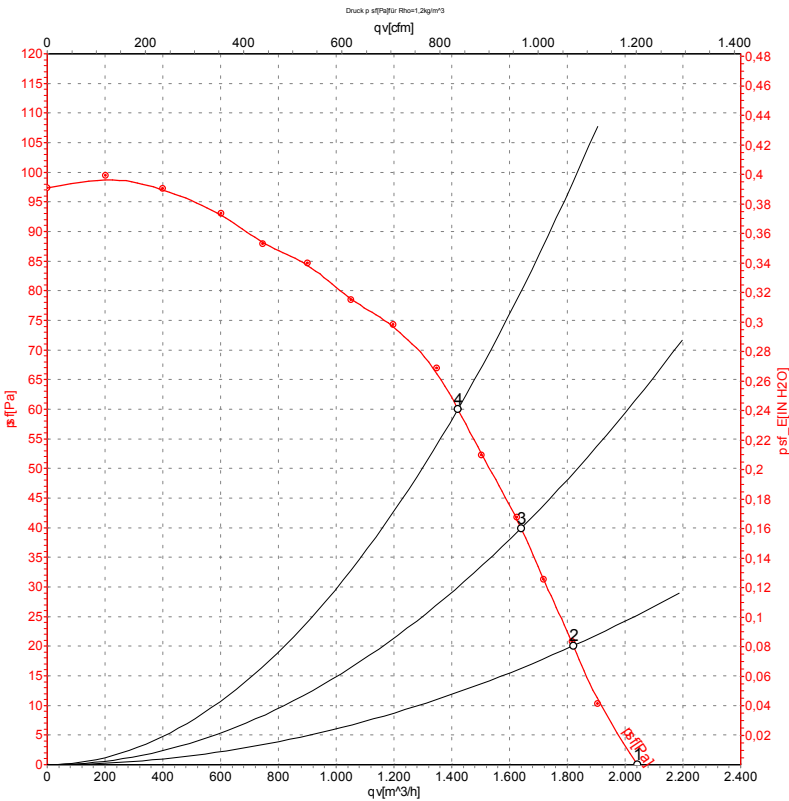
Measured values

	U	f	n	P _e	I	qv	p _{sf}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	50	1400	68	0.30	1740	0
2	230	50	1395	70	0.32	1535	20
3	230	50	1380	74	0.33	1340	40
4	230	50	1355	79	0.35	1100	60



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Charts: Air flow 60 Hz



Measurement: LU-60322

Air performance measured as per ISO 5801
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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 _{sf}
	V	Hz	min ⁻¹	W	A	m³/h	Pa
1	230	60	1630	92	0.41	2045	0
2	230	60	1610	96	0.42	1820	20
3	230	60	1585	99	0.43	1640	40
4	230	60	1555	103	0.45	1420	60

