S4E300-BP26-31

AC axial fan

sickled blades (S series)

with guard grille for full nozzle

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Nominal data

Type	**S4E300-BP26-31**		
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}]	1400	1630
Power input	[W]	68	92
Current draw	[A]	0.3	0.41
Motor capacitor	[µF]	2	2
Capacitor voltage	[VDB]	400	400
Max. back pressure	[Pa]	80	70
Max. ambient temperature	[°C]	60	45

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	Shaft horizontal or rotor on bottom; rotor on top on request
Humidity class	F1-2
Direction of air flow	"A"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Motor bearing	Ball bearing
Mass	2.7 kg
Material of blades	Sheet steel, coated in black
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
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

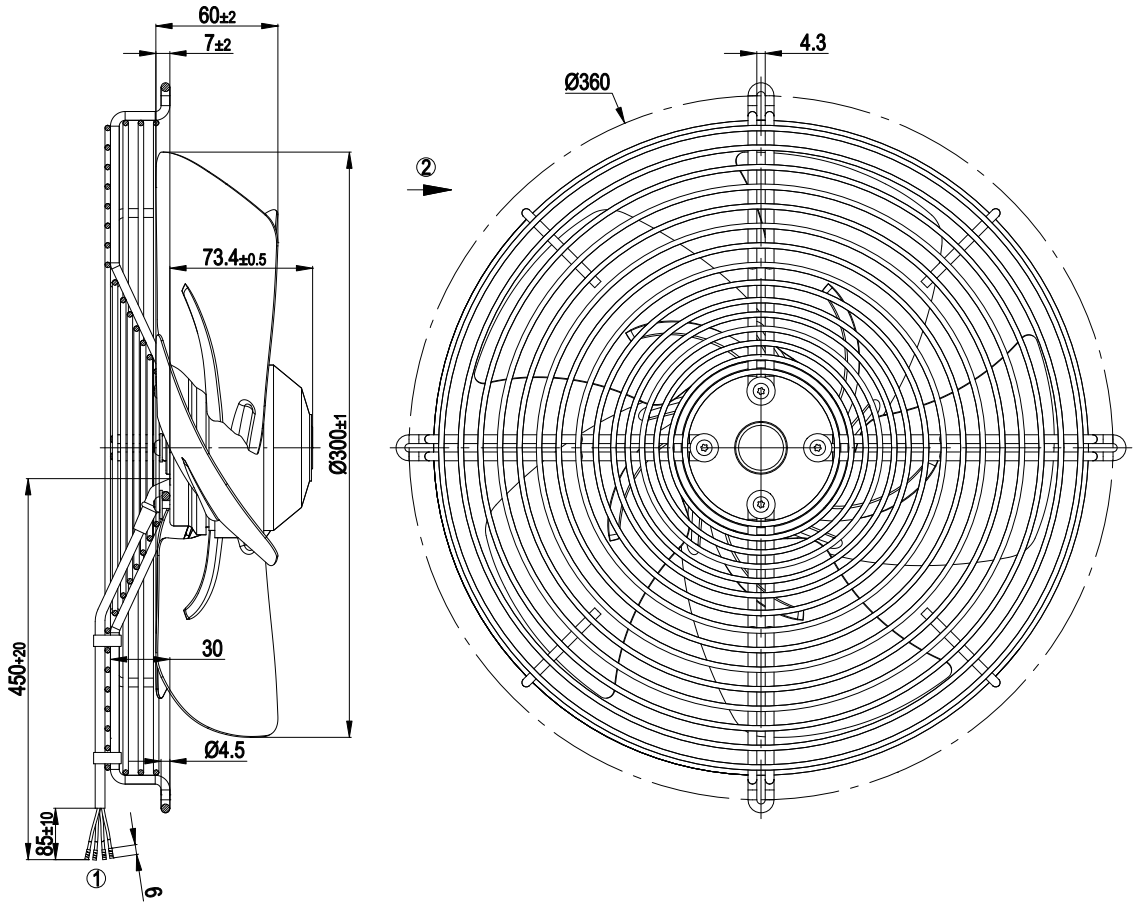
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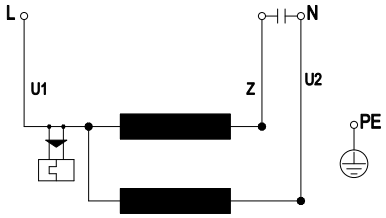
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Product drawing



1	Connection line PVC, 4x brass lead tips crimped
2	Direction of air flow "A"

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

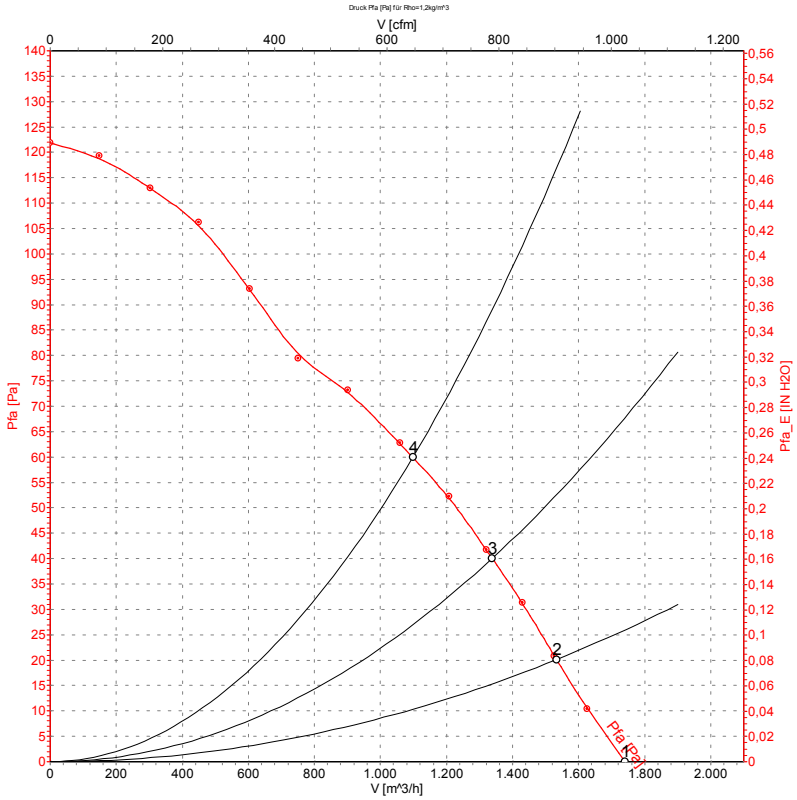
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Charts: Air flow 50 Hz



Measurement: LU-60321

Measured values

	U	f	n	P_1	I	$\dot{V}$	p_{fa}
	[V]	[Hz]	[min^{-1}]	[W]	[A]	[m^3/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

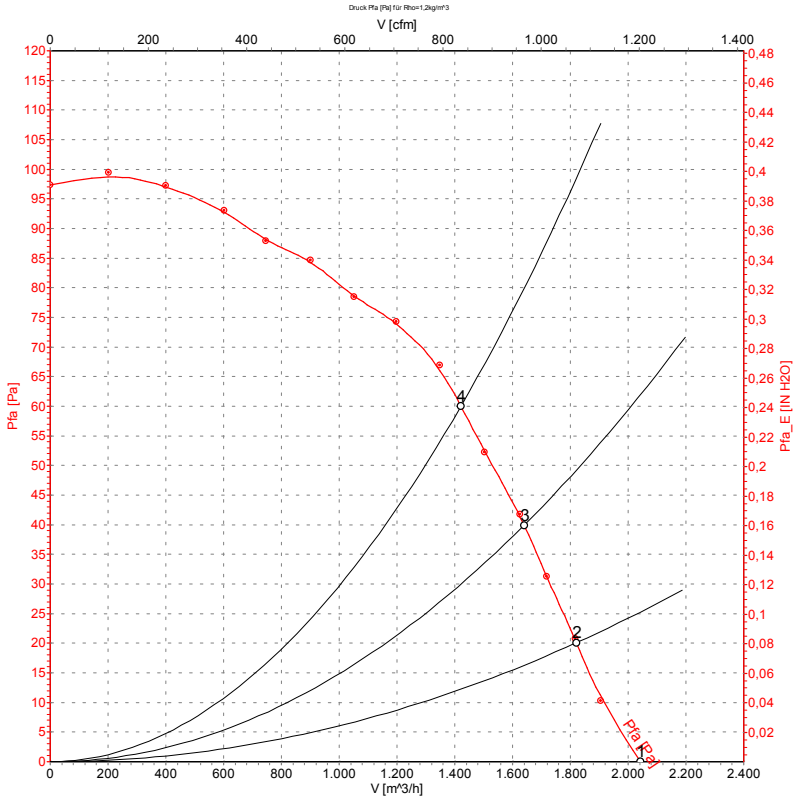
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Charts: Air flow 60 Hz



Measurement: LU-60322

Measured values

	U	f	n	P_1	I	$\dot{V}$	p_{fa}
	[V]	[Hz]	[min^{-1}]	[W]	[A]	[m^3/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

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