S4E300-AP26-37

AC axial fan with short square nozzle

sickled blades (S series)

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Nominal data

Type	**S4E300-AP26-37**		
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	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
Air flow	[m^3/h]	1910	2160
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	58	62

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

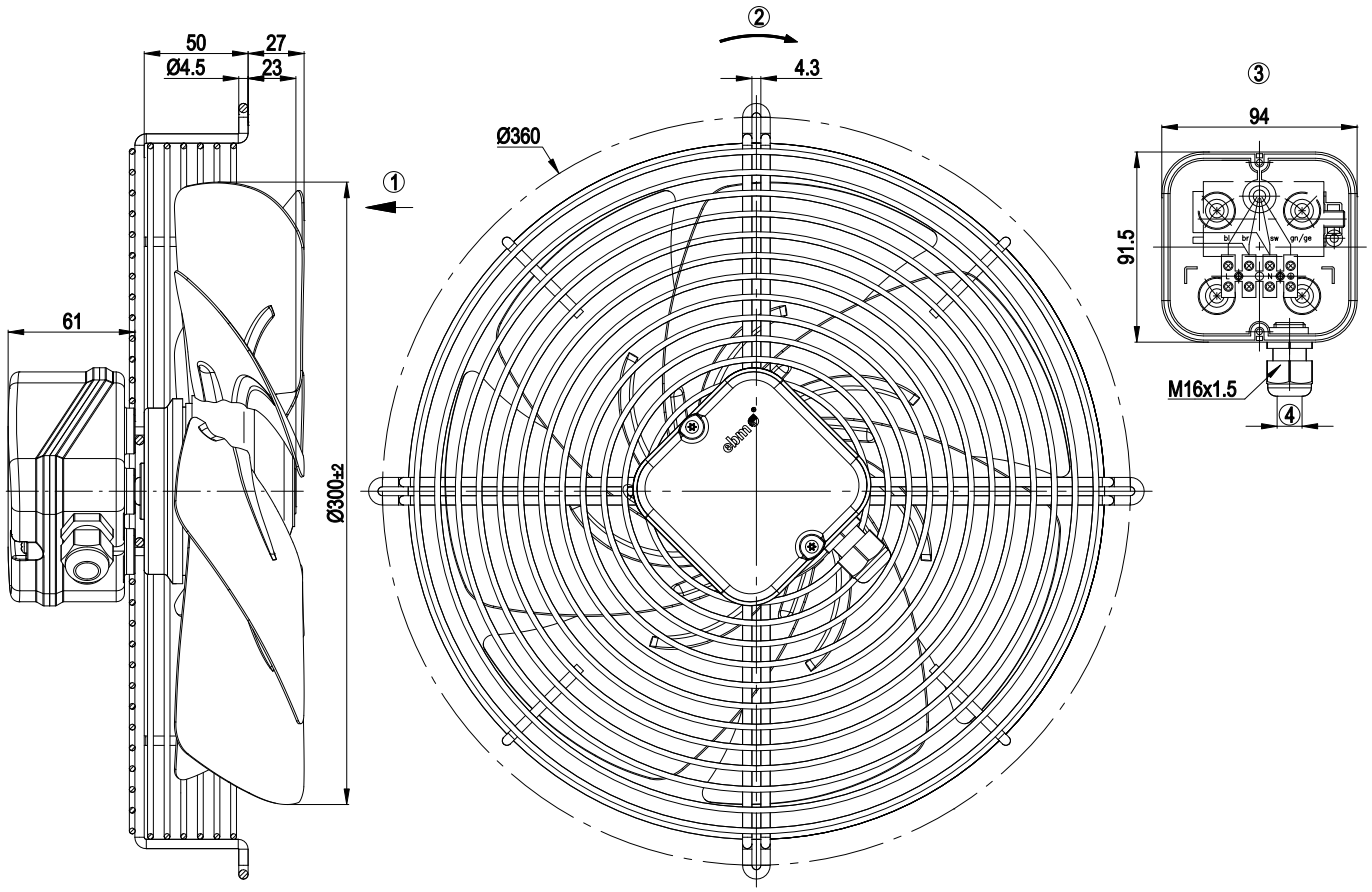
Leackage current	< 0,75 mA
Size	300 mm
Operation mode	S1
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
Direction of air flow	"V"
Insulation class	"B"; Acc. to EN 60335-1
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing-motor	Ball bearing
Mass	3.24 kg
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
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	7
Type of protection	IP 44
Protection class	I

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Product drawing



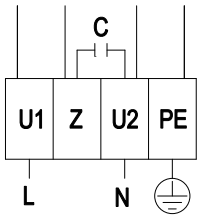
1	Direction of air flow "V"
2	Direction of rotation counterclockwise, seen on rotor
3	Shown without terminal box cover
4	Cable diameter: max. 7.5 mm

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Connection screen



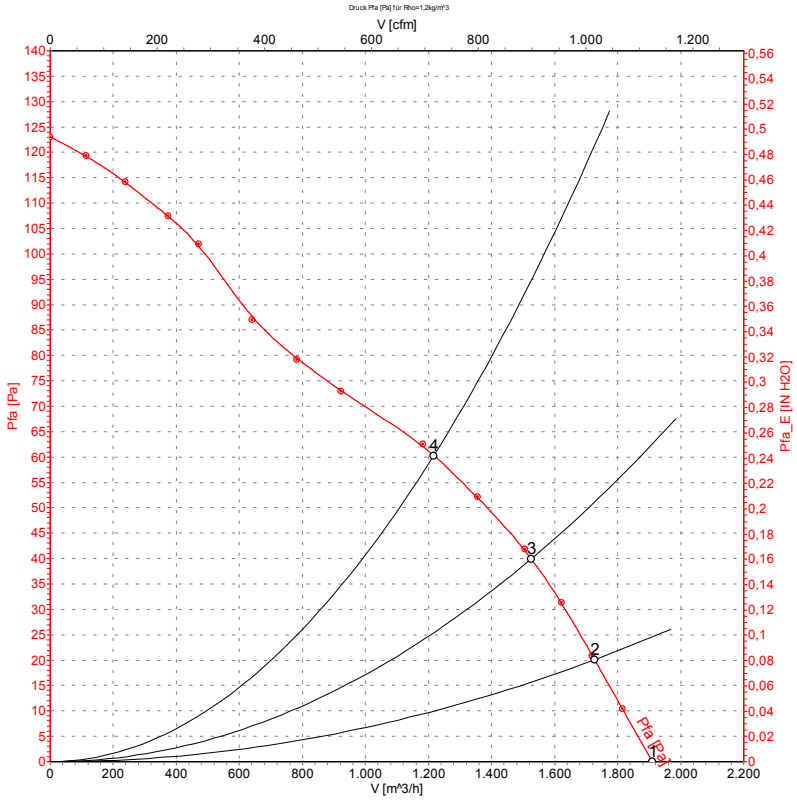
L	= U1 = blue	Z	brown	N	= U2 = black
PE	green/yellow				

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Charts: Air flow 50 Hz



Measured values

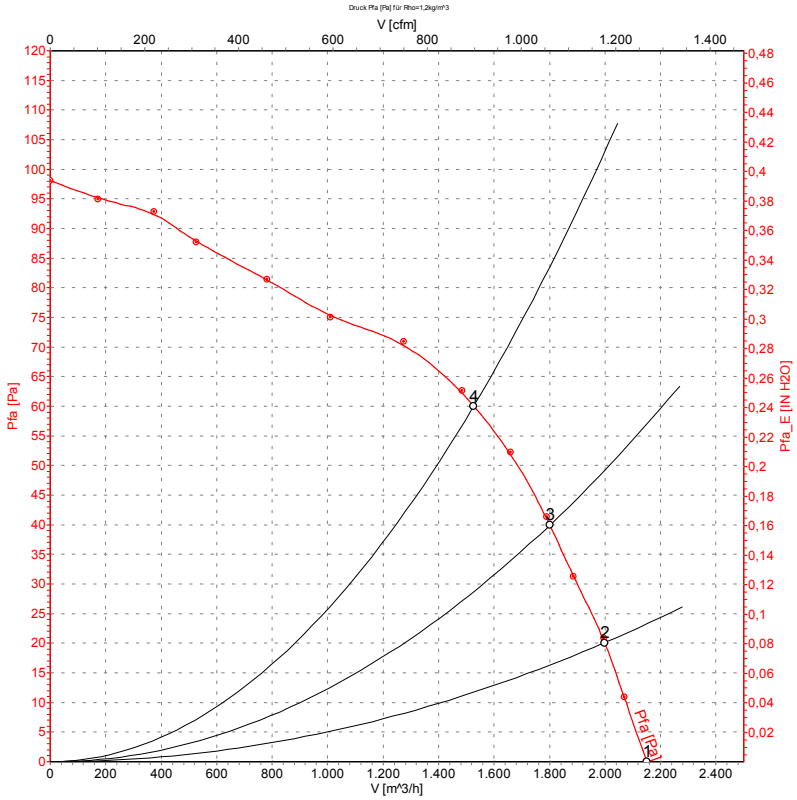
	U	f	n	P_1	I	$\dot{V}$	p_{fa}
	[V]	[Hz]	[min^{-1}]	[W]	[A]	[m^3/h]	[Pa]
1	230	50	1400	70	0.32	1910	0
2	230	50	1380	74	0.33	1725	20
3	230	50	1365	77	0.34	1525	40
4	230	50	1330	82	0.36	1215	60

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Charts: Air flow 60 Hz



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	1610	94	0.41	2150	0
2	230	60	1575	101	0.44	2000	20
3	230	60	1545	105	0.45	1800	40
4	230	60	1490	109	0.47	1525	60

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