

AC axial fan

sickled blades (S series)

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Nominal data

Type	A4E350-AP06-02		
Motor	M4E074-DF		
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	1590
Power input	[W]	130	190
Current draw	[A]	0.58	0.83
Motor capacitor	[µF]	4	4
Capacitor voltage	[VDB]	400	400
Max. back pressure	[Pa]	90	60
Max. ambient temperature	[°C]	55	55

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

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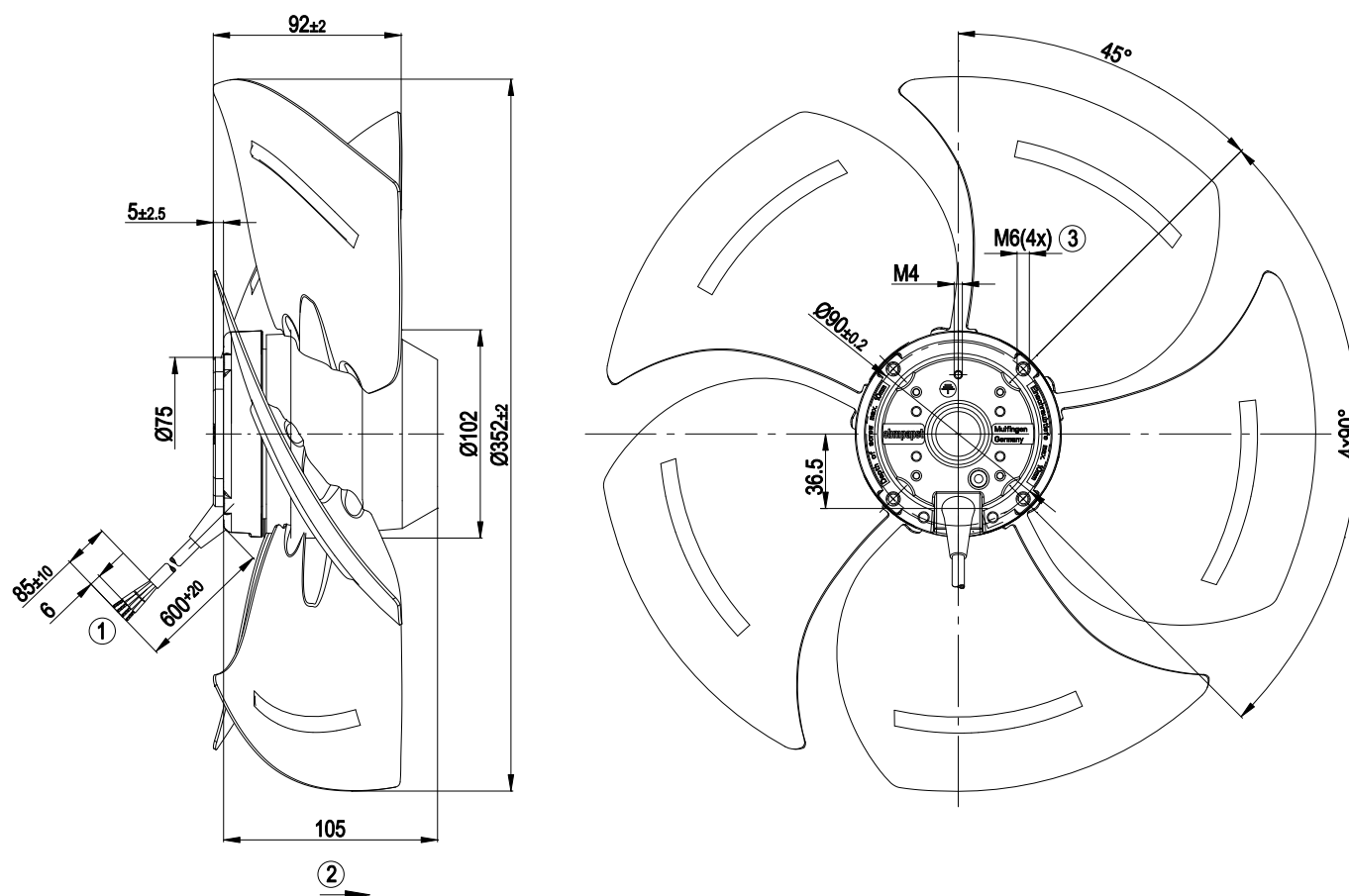
Technical features

Leakage current	< 0,75 mA
Size	350 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	"F"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	3.53 kg
Material of blades	Sheet steel, coated in black
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 as per EN 60034-5
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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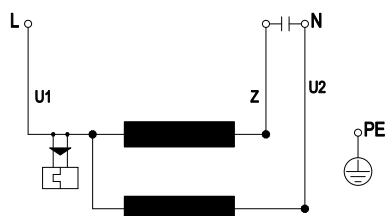
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Product drawing



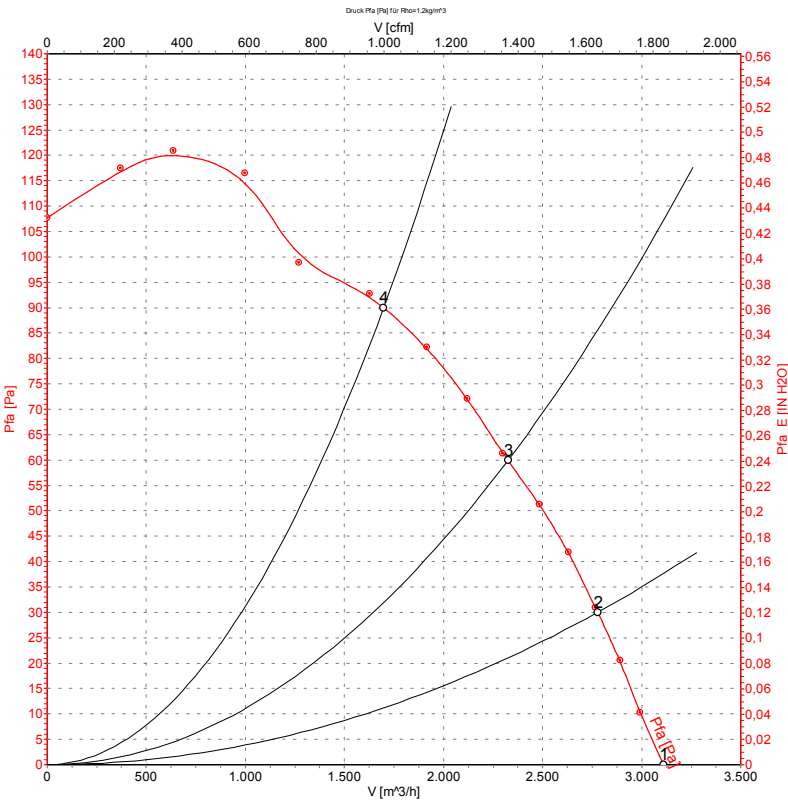
1	Connection line silicone 0.5 mm ² , 4 x brass lead tips crimped
2	Direction of air flow "A"
3	Depth of screw max. 10 mm

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

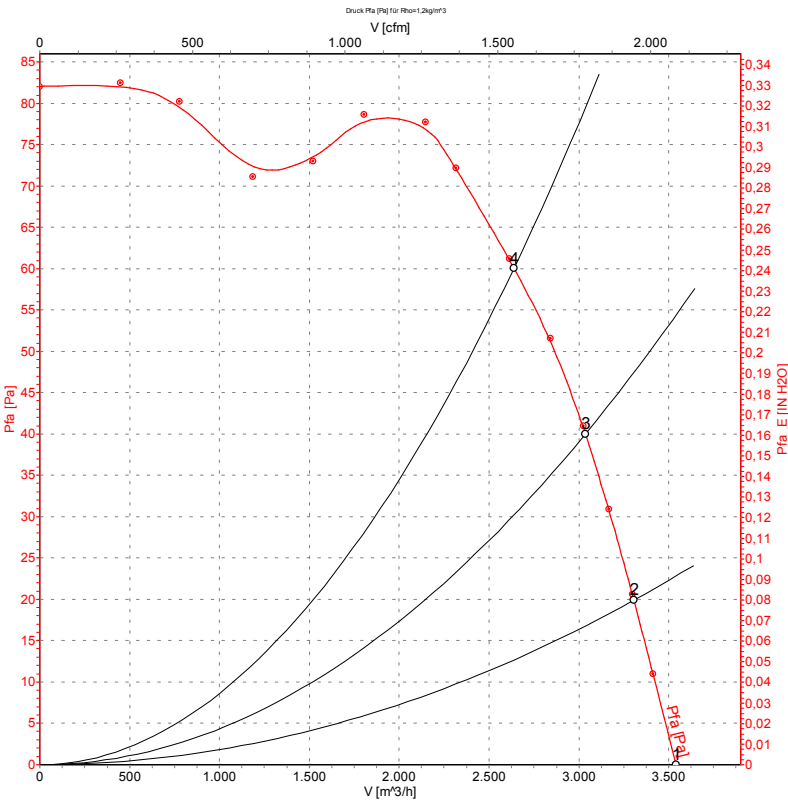
Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	Ṃ	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	1400	130	0.58	3110	0
2	230	50	1380	140	0.61	2780	30
3	230	50	1355	151	0.66	2325	60
4	230	50	1290	174	0.76	1700	90

Charts: Air flow 60 Hz



Measurement: LU-28527

Measured values

	U	f	n	P ₁	I	$\hat{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	1590	190	0.83	3540	0
2	230	60	1565	196	0.85	3305	20
3	230	60	1520	203	0.88	3035	40
4	230	60	1455	208	0.90	2640	60