

S4E315-AC08-07

AC axial fan

sickled blades (S series), single inlet
with guard grille for short nozzle



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Nominal data

Type	S4E315-AC08-07		
Motor	M4E068-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]	1370	1530
Power input	[W]	95	135
Current draw	[A]	0.42	0.6
Motor capacitor	[μF]	3	3
Capacitor voltage	[VDB]	400	400
Max. back pressure	[Pa]	75	65
Max. ambient temperature	[°C]	40	40

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

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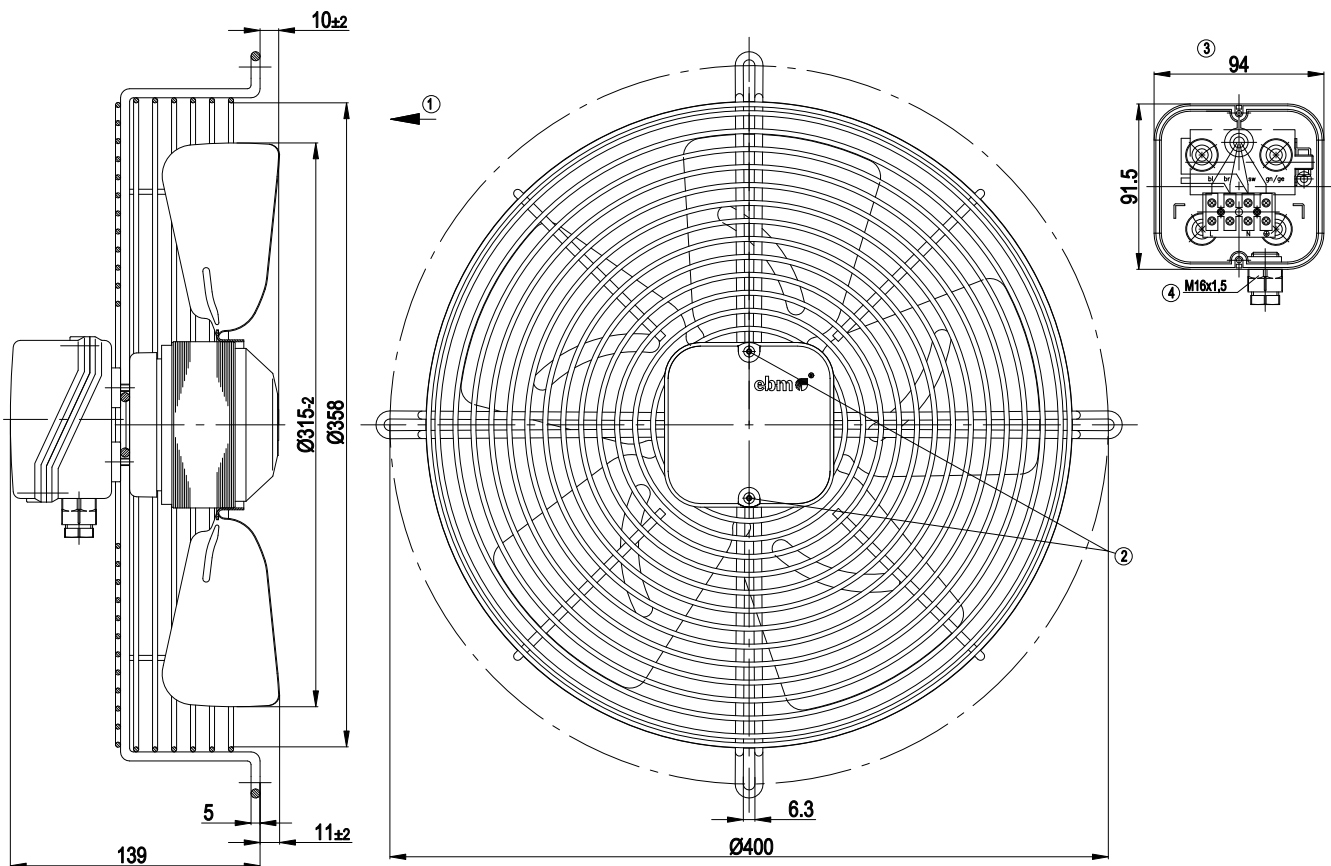
Technical features

Leakage current	< 0.75 mA
Size	315 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
Humidity class	F2-2
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Axial
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing with anti-freezing grease
Mass	3.7 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
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 70 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

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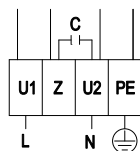
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Product drawing



1	Direction of air flow "V"
2	Tightening torque 0.7 Nm $\pm$ 0.2 Nm
3	Illustration without terminal box cover
4	Cable diameter: min. 4 mm, max. 8 mm; tightening torque: 1.3 Nm $\pm$ 0.2 Nm

Connection screen

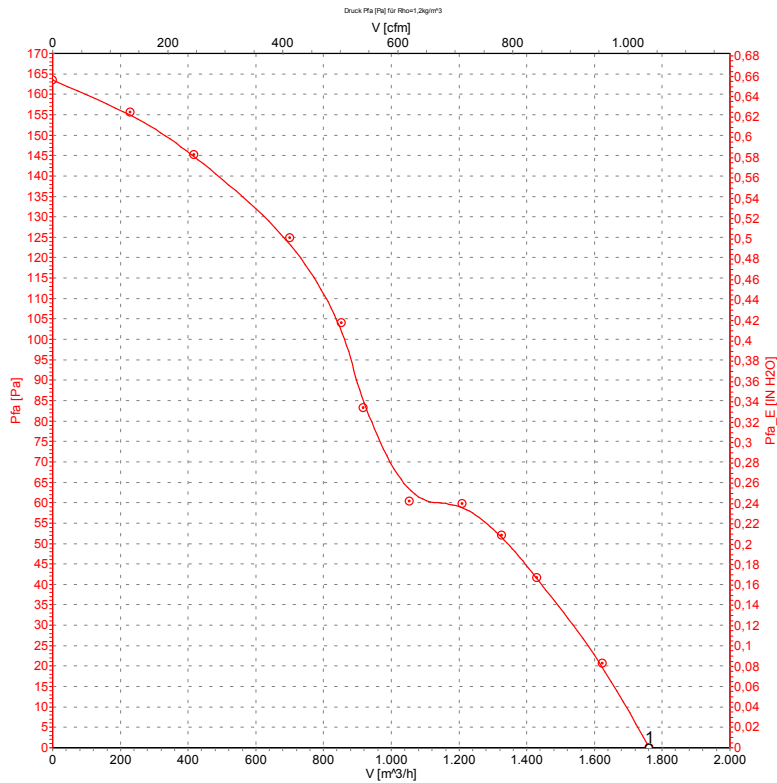


L	= U1 = blue	Z	brown	N	= U2 = black
PE	green/yellow				

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Charts: Air flow 50 Hz



Measurement: LU-37061

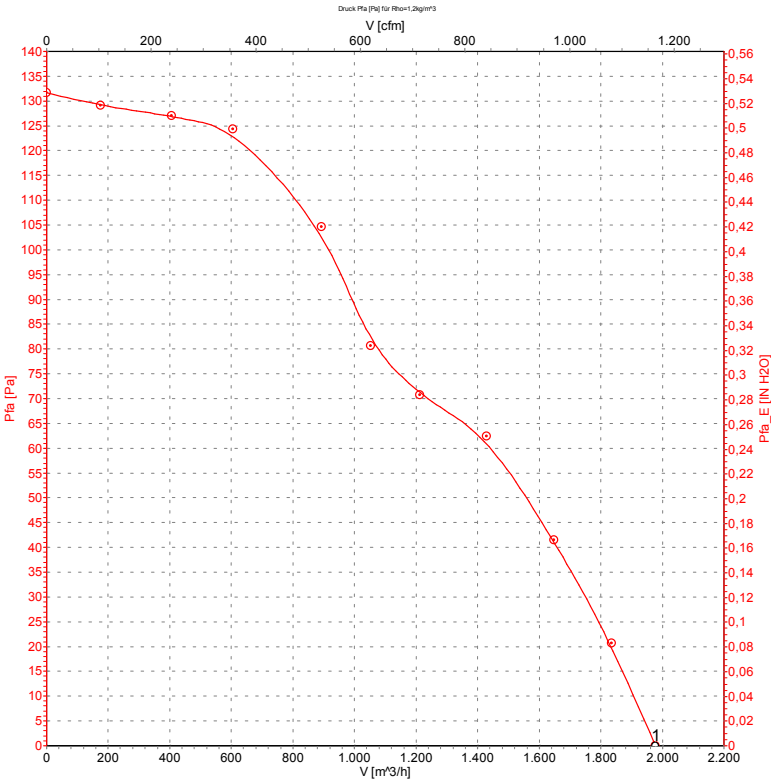
Measured values

	U	f	n	P ₁	I	$\dot{V}$
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]
1	230	50	1370	95	0.42	1760

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Charts: Air flow 60 Hz



Measurement: LU-37062

Measured values

	U	f	n	P ₁	I	Ṽ
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]
1	230	60	1530	135	0.60	1970