

A4E450-BA09-02

AC axial fan

sickled blades (S series)



ebm-papst Mulfingen GmbH & Co. KG
Bachmühle 2
D-74673 Mulfingen
Phone +49 7938 81-0
Fax +49 7938 81-110
info1@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	A4E450-BA09-02		
Motor	M4E094-HA		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		ml	ml
Valid for approval / standard		CE	CE
Speed	min ⁻¹	1350	1490
Power input	W	480	665
Current draw	A	2.1	2.9
Motor capacitor	µF	10	10
Capacitor voltage	VDB	400	400
Max. back pressure	Pa	125	115
Max. ambient temperature	°C	65	50

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

AC axial fan

sickled blades (S series)

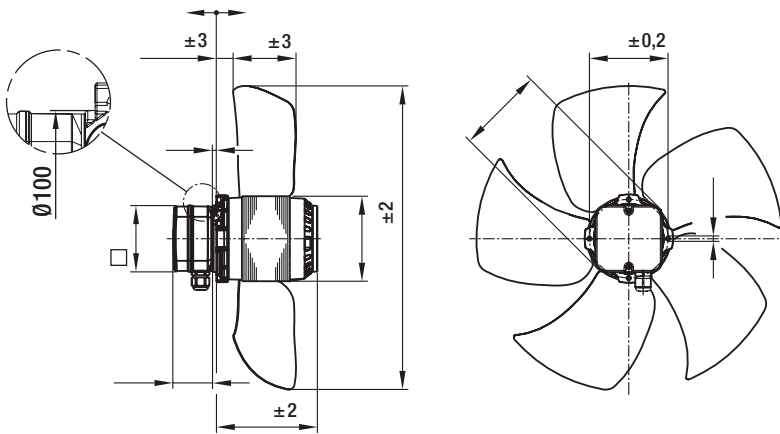
Technical features

Size	450 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
Humidity class	F3-1
Direction of air flow	"A"
Insulation class	"F"
Motor bearing	Ball bearing
Mass	7.9 kg
Material of electronics housing	Rotor: Coated in black
Material of impeller	Sheet steel, coated in black
Motor protection	Thermal overload protector (TOP) brought out
Product conforming to standard	CE
Number of blades	5
Type of protection	IP 54
Protection class	I
Approval	CCC

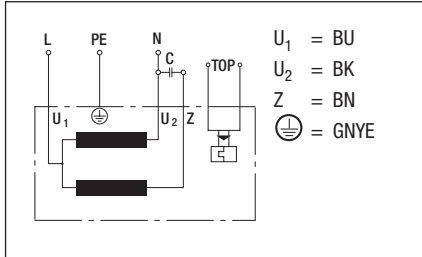
AC axial fan

sickled blades (S series)

Product drawing



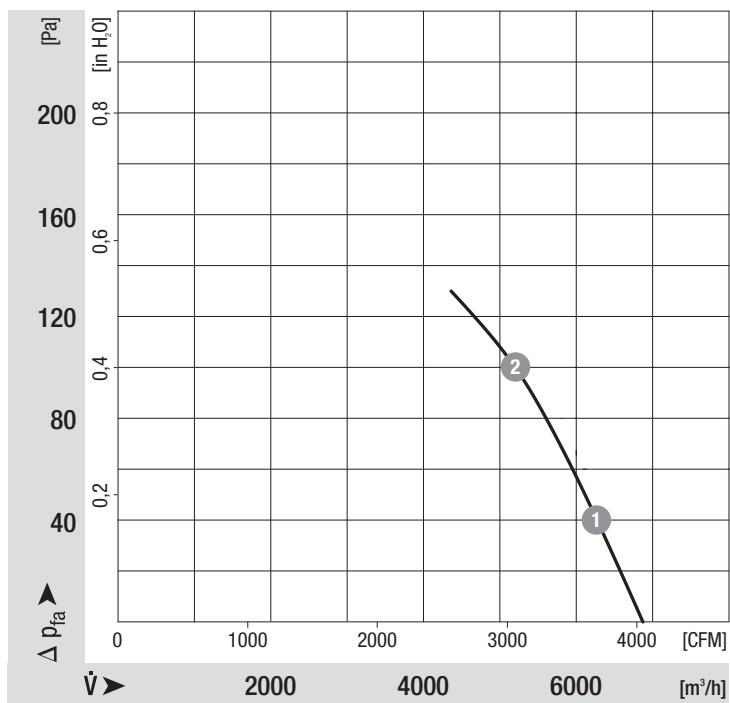
Connection screen



AC axial fan

sickled blades (S series)

Charts: Air flow 50 Hz



Measured values

	n	P _e	I
	min ⁻¹	W	A
1	1380	413	2.01
2	1360	460	2.20

AC axial fan

sickled blades (S series)

Charts: Air flow 60 Hz

