

A8D630-AE01-01

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	A8D630-AE01-01				
Motor	M8D110-GF				
Phase		3~	3~	3~	3~
Nominal voltage	VAC	400	400	480	480
Connection		D	Y	D	Y
Frequency	Hz	50	50	60	60
Type of data definition		ml	ml	ml	ml
State			prelim.		
Valid for approval / standard		CE	CE	CE	CE
Speed	min ⁻¹	660	500	765	565
Power input	W	330	200	500	240
Current draw	A	0.85	0.4	1	0.41
Max. back pressure	Pa	65	35	85	45
Max. ambient temperature	°C	75	75	60	60

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)

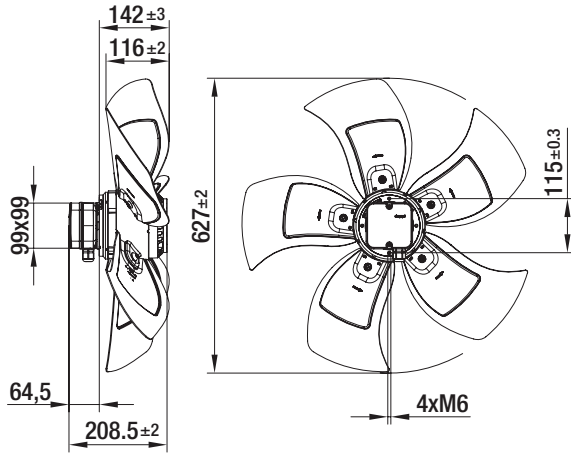
Technical features

Leakage current	<= 3.5 mA
General description	Blade angle -5°
Size	630 mm
Operation mode	Continuous operation (S1)
Direction of rotation	"V"
Electrical leads	Via terminal box
Humidity class	F3-1
Insulation class	"F"
Cable exit	Axial
Motor bearing	Ball bearing
Mass	12.5 kg
Material of electronics housing	Rotor: Cast in aluminum
Material of impeller	Aluminum sheet
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	VDE

AC axial fan

sickled blades (S series)

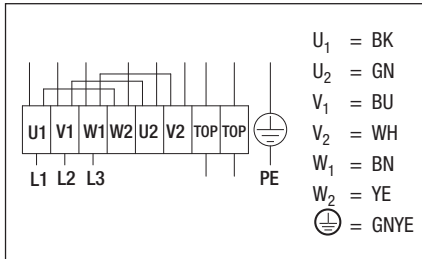
Product drawing



AC axial fan

sickled blades (S series)

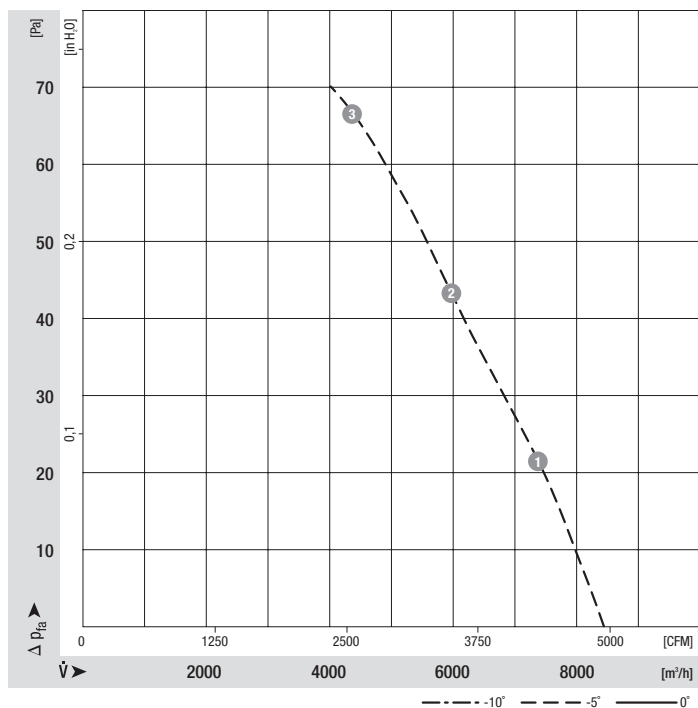
Connection screen



AC axial fan

sickled blades (S series)

Charts: Air flow



Measured values

	n	P _e	I	LwA _{in}
	min ⁻¹	W	A	dB(A)
1	680	280	0.81	69
2	675	300	0.82	70
3	660	330	0.85	71