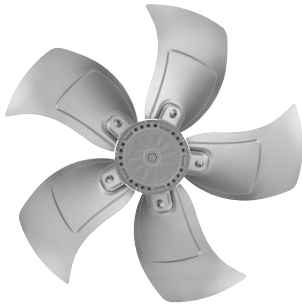


A6E630-AE01-01

AC axial fan

sickled blades (S series)



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Nominal data

Type	A6E630-AE01-01	
Motor	M6E110-GF	
Phase		1~
Nominal voltage	V	230
Frequency	Hz	50
Type of data definition		ml
Valid for approval / standard		CE
Speed	min ⁻¹	880
Power input	W	610
Current draw	A	2.65
Motor capacitor	μF	14
Capacitor voltage	VDB	450
Max. back pressure	Pa	100
Max. ambient temperature	°C	60

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

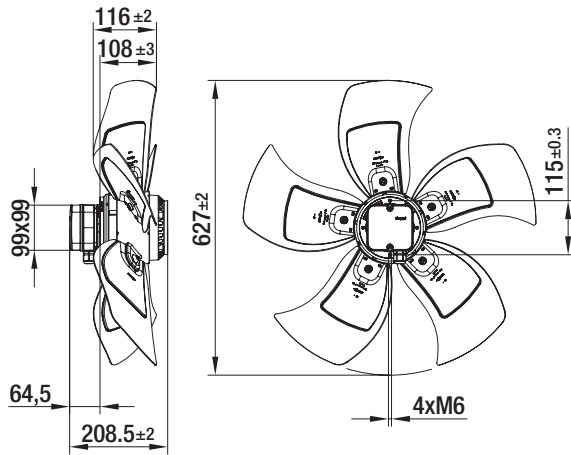
AC axial fan

sickled blades (S series)

Technical features

Leakage current	<= 3.5 mA
Size	630 mm
Operation mode	S1
Direction of rotation	Counter-clockwise, seen on rotor
Mounting position	Any
Electrical leads	Via terminal box, integrated capacitor connected via terminal box
Humidity class	F3-1
Blade angle	-5
Direction of air flow	"V"
Insulation class	"F"
Cable exit	Axial
Condensate discharge holes	Rotor-side
Motor bearing	Ball bearing
Mass	12.5 kg
Material of terminal box	ABS plastic, black
Material of blades	Aluminum sheet
Motor protection	Thermal overload protector (TOP) brought out
Product conforming to standard	CE; EN 61800-5-1
Surface of rotor	Cast in aluminium
Number of blades	5
Type of protection	IP 54
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C

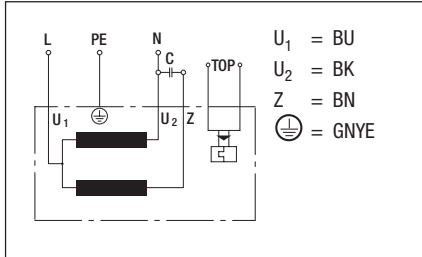
Product drawing



AC axial fan

sickled blades (S series)

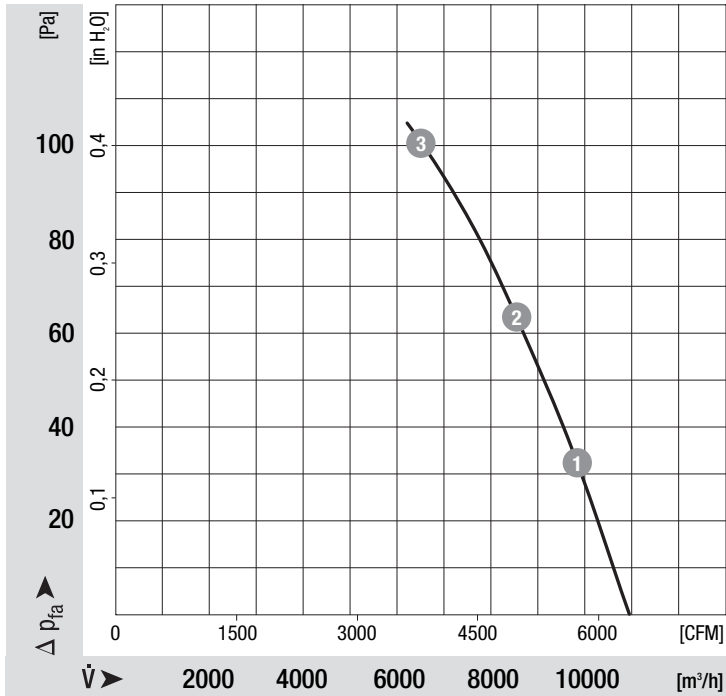
Connection screen



AC axial fan

sickled blades (S series)

Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	min ⁻¹	W	A
1	915	460	2.06
2	905	500	2.22
3	870	560	2.50