S2E250-AL06-01

AC axial fan with guard grille for short nozzle

sickled blades (S series)

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Nominal data

Type	**S2E250-AL06-01**		
Motor	**M2E068-CF**		
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}]	2450	2600
Power input	[W]	115	150
Current draw	[A]	0.51	0.66
Motor capacitor	[µF]	3	3
Capacitor voltage	[VDB]	400	400
Capacitor standard		P0 (CE)	P0 (CE)
Max. back pressure	[Pa]	120	85
Max. ambient temperature	[°C]	65	50
Air flow	[m^3/h]	1820	1970
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	69	71

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

Leackage current	< 0,75 mA
Size	250 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
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	1.9 kg
Material of blades	Sheet steel, coated in black
Material of guard grille	Steel, phosphated and coated in black plastic
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	7
Type of protection	IP 44 - depending on position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC; GOST

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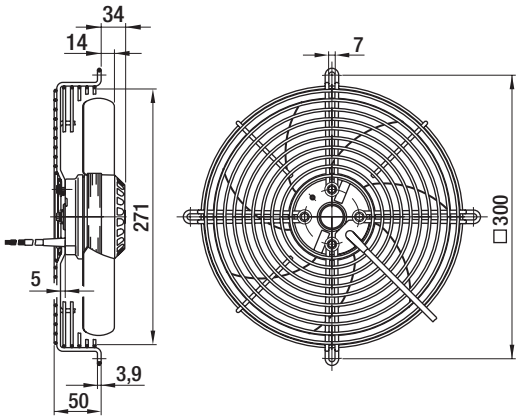
Product drawing



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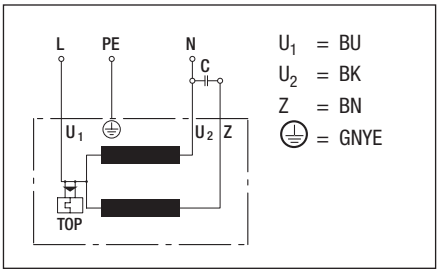
Connection screen



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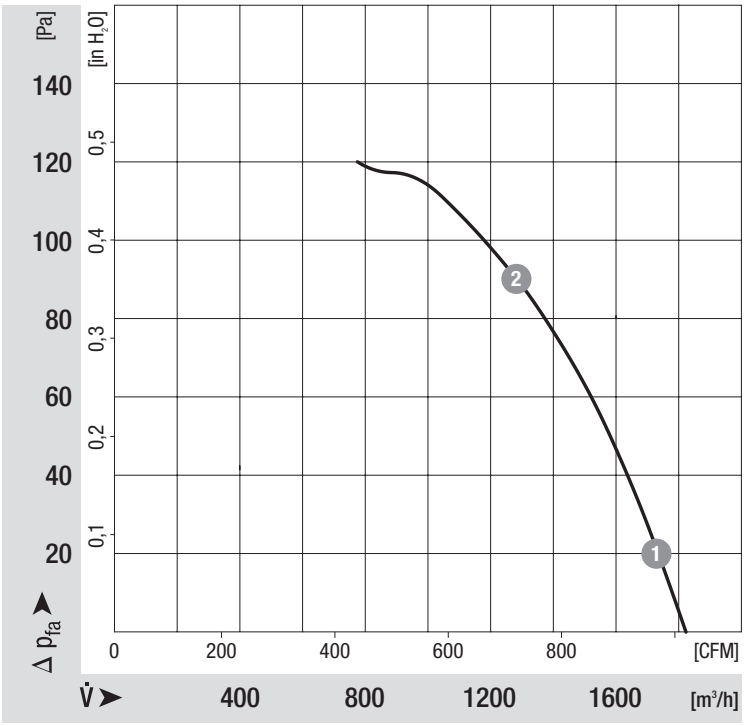
Charts: Air flow 50 Hz



Measured values

	n	P_1	I
	[min⁻¹]	[W]	[A]
1	2455	116	0.51
2	2290	132	0.57

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AC axial fan with guard grille for short nozzle

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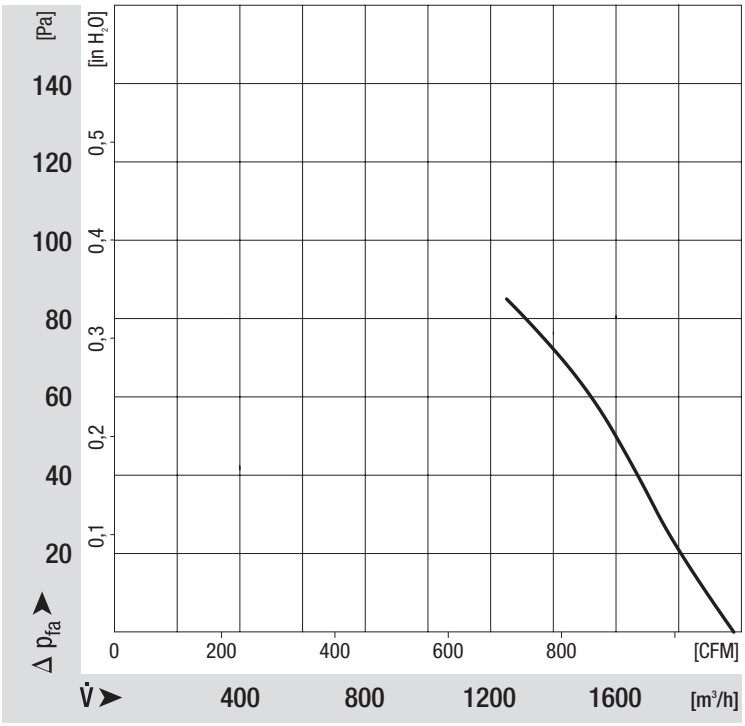
Charts: Air flow 60 Hz



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