

A4D450-AU01-02

AC axial fan

sickled blades (S series)



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Nominal data

Type	A4D450-AU01-02		
Motor	M4D094-EA		
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]	940	1070
Power input	[W]	165	225
Current draw	[A]	0,8	0.98
Motor capacitor	[µF]	4	4
Capacitor voltage	[VDB]	450	450
Max. back pressure	[Pa]	70	45
Max. ambient temperature	[°C]	60	60
Air flow	[m ³ /h]	4725	5450
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	63	67

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

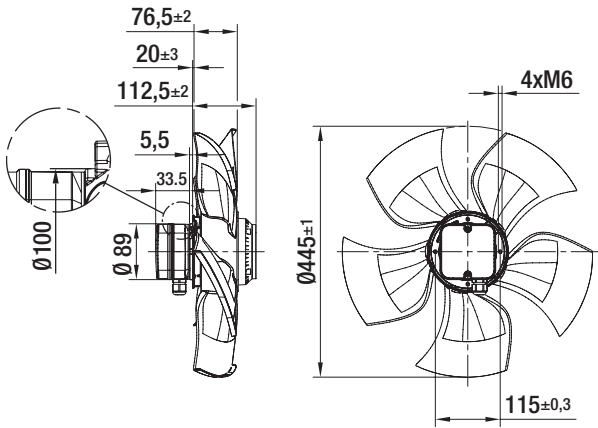
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Technical features

Size	450 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Electrical leads	Via terminal box
Direction of air flow	"A"
Insulation class	"F"
Bearing motor	Ball bearing
Mass	6.0 kg
Material of electronics housing	Rotor: Coated in black
Material of impeller	Plastic, 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

Product drawing

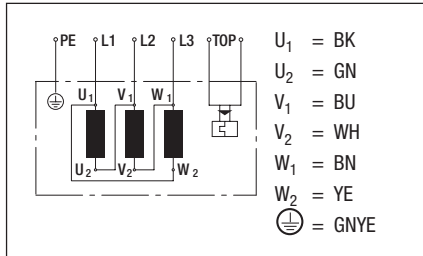


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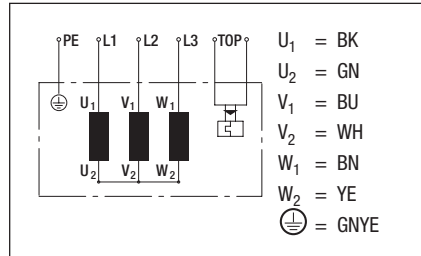
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Connection screen

Delta



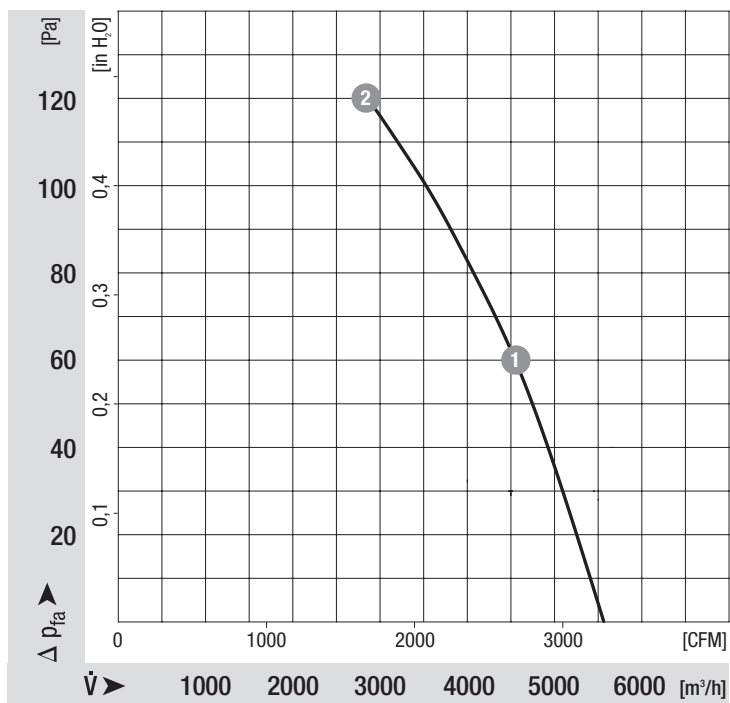
Star



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Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	1300	285	0.54
2	1250	340	0.61

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Charts: Air flow 60 Hz

