A12B23STBA00

AC axial fans

Axial fans provide forced-air cooling solution to temperature-sensitive applications. Compact fans with AC shaded pole or capacitor and DC brushless motor are designed for ventilation and spot cooling of internal machinery components, especially in areas in confined spaces. Available also versions tested to withstand harsh environmental conditions (IP55, IP68, all metal and HTR fans).

Technical data		
APPROVALS		
Approvals	CE; cURus	
PERFORMANCE		
Max Airflow	163/182	m³/h
	96/107	CFM
Max Static Pressure	60/62	Pa
	0.24/0.25	in H2O
RPM	2400/2600	RPM
ELECTRICAL DATA		
Rated Voltage	230	V a.c.
Rated Current	0.17/0.13	A
Rated Power	21/21	W
Operating Voltage	220-240	V a.c.
Frequency	50/60	Hz
Appliance Class	I	
Motor Protection	Impedance Protected	
MECHANICAL DATA		
Bearing	Ball Bearing	
GENERIC DATA		
Casing Material	Die-Casting Aluminium	
Airflow Direction	Air exhaust over brackets	
Electrical Connection	Fast-On 3x0,5mm	

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Technical data		
Life Expectancy	50000	h at 40 °C
	50000	h at 104 °F
Fan Noise	46.4/48.1	dB(A)
Fixing System	Screws	
ENVIRONMENTAL AND THERMAL DATA		
IP Protection Degree	IP20	
Operating Temperature	-10÷70	°C
	14÷158	°F
Storage Temperature	-40÷70	°C
	-40÷158	°F
UL DATA		
UL File Number Recognized Component	E223195	

VENTILATION SYSTEMS

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Technical drawing   mm (in)

119.5 (4.70)
104.8 (4.13)
8- ⌀ 4.3 (0.169)
38.5 (1.52)
4 (0.157)

ROTATION

AIR FLOW

Air Performance

Air Flow [CFM]

0.0 11.8 23.5 35.3 47.1 58.9 70.6 82.4 94.2 105.9 117.7

Static Pressure [Pa]

Static Pressure [inH2O]

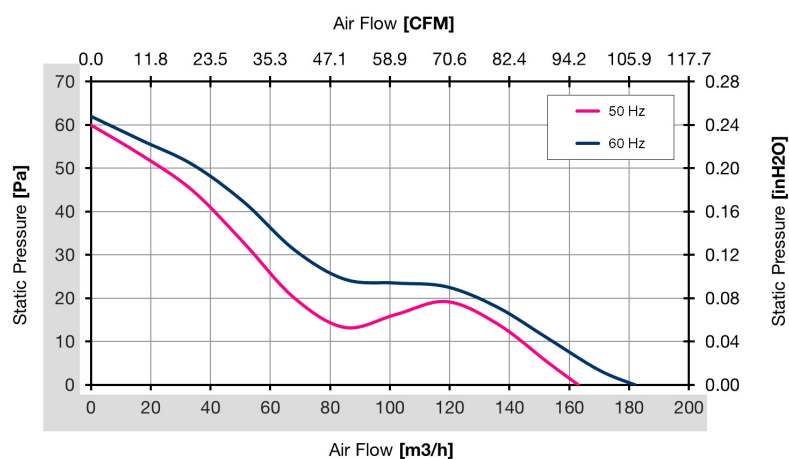— 50 Hz
— 60 Hz

Air Flow [m3/h]
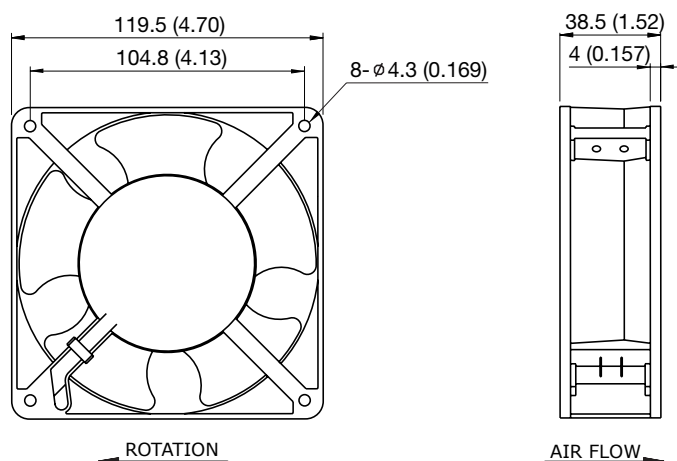
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