

Axial brushless DC fan

DS09225024M0001S

Dynetics

represents a broad range of axial- and radial-fans with an AC or DC-power supply for equipment cooling with a variety of axial instrument ventilators and radial blowers from leading manufacturers, such as Nidec Servo and Nidec Copal.

DS09225-series

- axial fans
- sizes 92 x 92 x 25mm
- The BLDC fans are light weight (80g),
- 300mm leadwire,

Optional:

- a Lock detection: (Suffix “-RD” or “RRD”) for Rotation Detector Function.
- a “Speed signal” or speed detection : (Suffix “-FG”) for a Signal-Frequency Generator Function (also called for Frequency Generator Function.
- speed control by PWM: (Suffix “-PWM”.) for automatic speed Controls via an external input signal.
- Speed Control by Voltage : speed controll by applying an external DC Voltage signal. from 0V to 10V(standard value is 0 to 5V).The speed will vary linear and is proportional to the % change of the "Vin" value,.
- Temperature Control: (Suffix “-T”) with a built in thermistor that detects the ambient temperature, and controls the speed of the fan accordingly.
- High Temperature Environments: Suffix basic “-HT” for temperature operating ranges -10~90 °C
- waterproof (example IP67)



We can also customized the fan, like harness wire, different lead length,

Phone

NL

+31 499 371007

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Address

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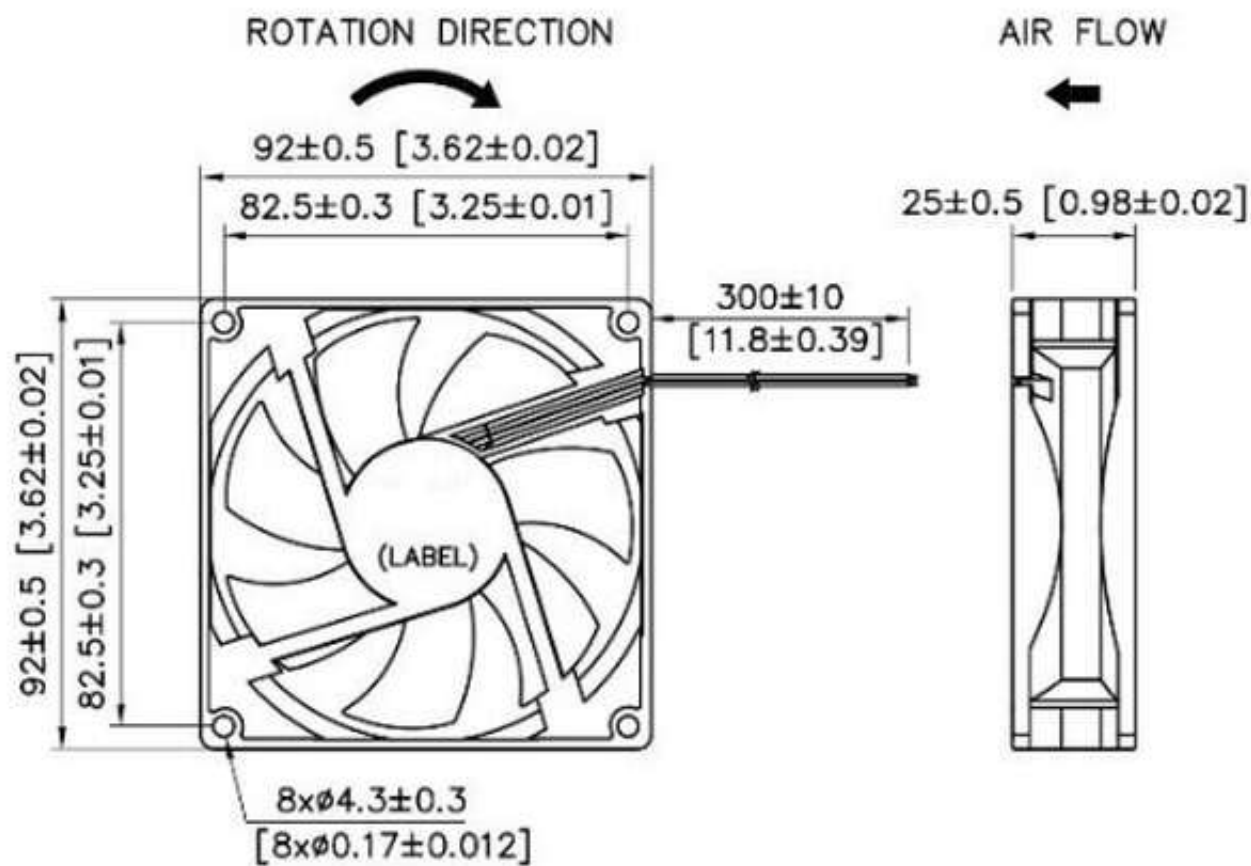
Dynetics B.V.
De Rijn 12
5684 PJ Best
Netherlands

DE

Dynetics GmbH
Klostergasse 6
D-41334 Nettetal-
Kaldenkirchen
Germany

connector, etc

Images



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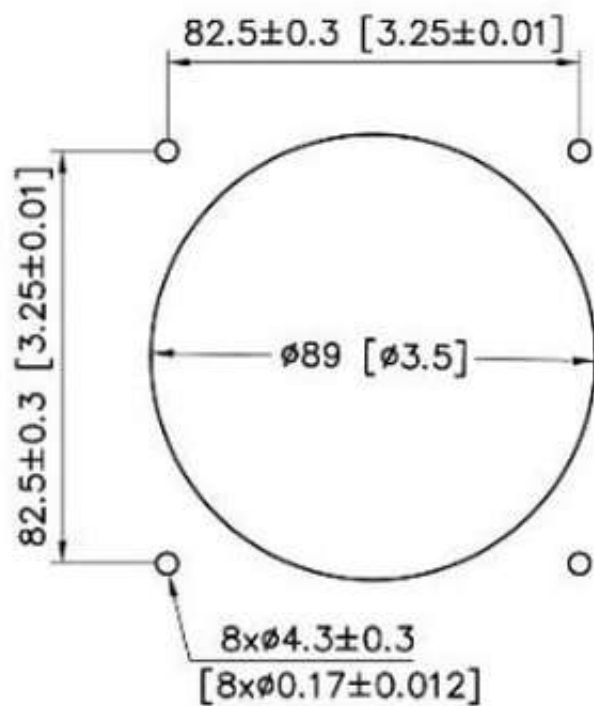
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Mounting Panel Cutout
Outlet Side & Inlet Side



UNIT: mm[inch]

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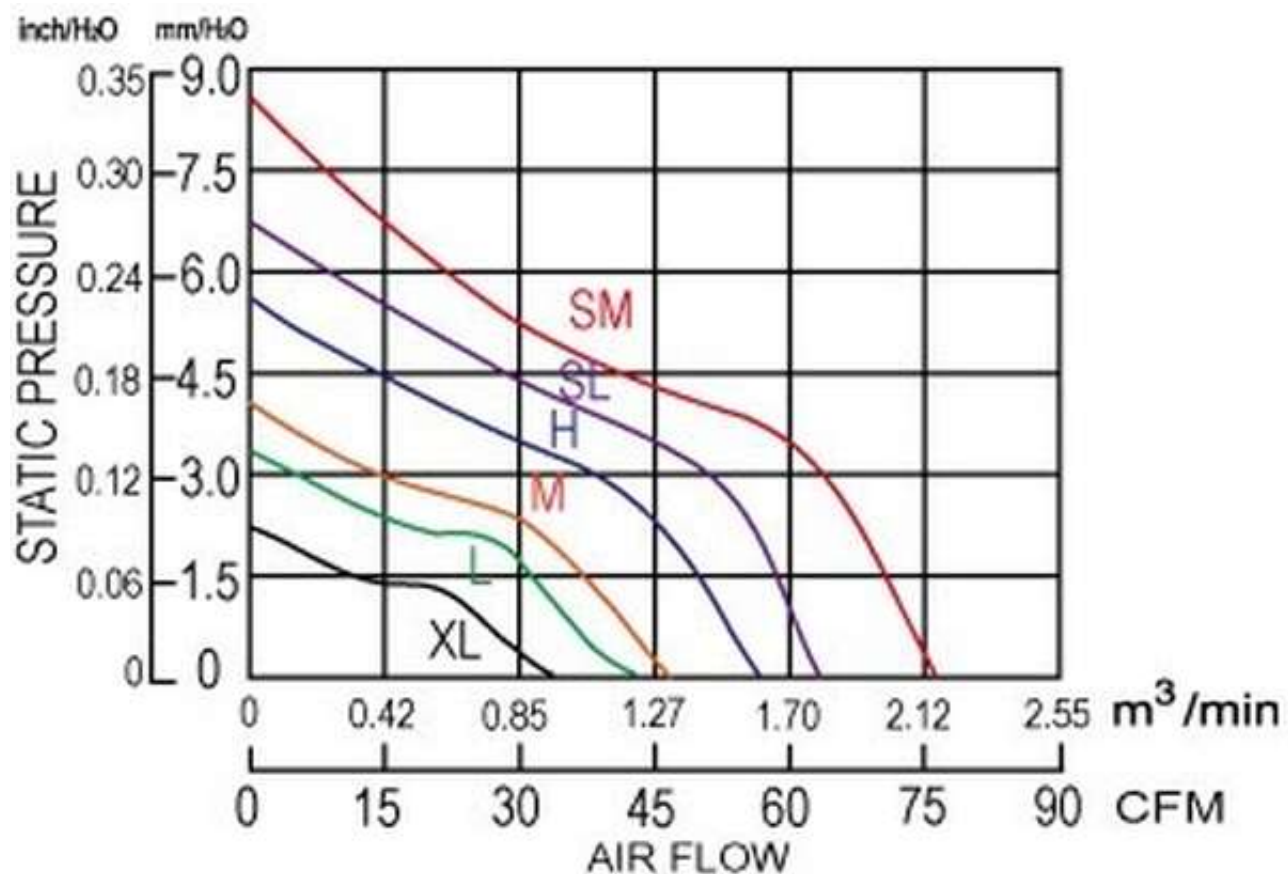
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Details

DS09225024M0001S Axial brushless DC fan

Max. Airflow	2,14	m3/min
Max. Airflow	75,6	CFM
Max. Static pressure	86,79	Pa

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Max. Static pressure	8,85	mmH2o
noise	48	dB
speed	4200	rpm
input	5,28	W
Voltage	24	V
Current	220	mA
sizes	92 x 92 x 25	mm
operating Voltage range	14 - 26,4	V
operating temperature	min10 - +70	°C
HOUSING	Thermoplastic PBT, UL94V-0	
IMPELLER	Thermoplastic PBT, UL94V-0	
BEARING	Ball	
OPERATING TEMPERATURE	-10°C to + 70°C	
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute	
INSULATION RESISTANCE	10M Ω min. @500 VDC	
WEIGHT	89g	
ROHS COMPLIANCE	Yes	
IP LEVEL	IP21 (Special IP Rating On Request)	

Specifications

Product type	DS09225024M0 001S	Max. Airflow	2.14 m3/min	Max. Airflow	75.6 CFM
Max. Static pressure	86.79 Pa	Max. Static pressure	8.85 mmH2o	Noise	48 dB
Speed	4200 rpm	Input	5.28 W	Voltage (rating)	24 V
Current (rating)	220 mA	Size frame	92 mm	Supplier	Dynetics

This PDF-document has been generated from a selection of the available details from the manufacturer. In case the contents of the PDF-file is incomplete or difficult to read, we apologize for the inconvenience and ask you to contact us (info@dynetics.eu)

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