

MECHATRONICS F8025 SERIES

80mm x 80mm x 25mm DC Axial Fan



Specifications

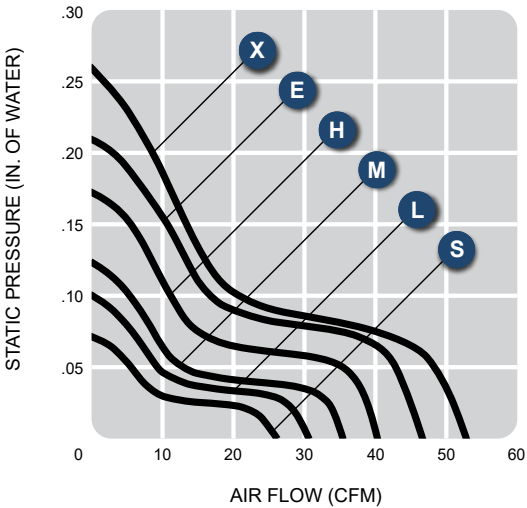
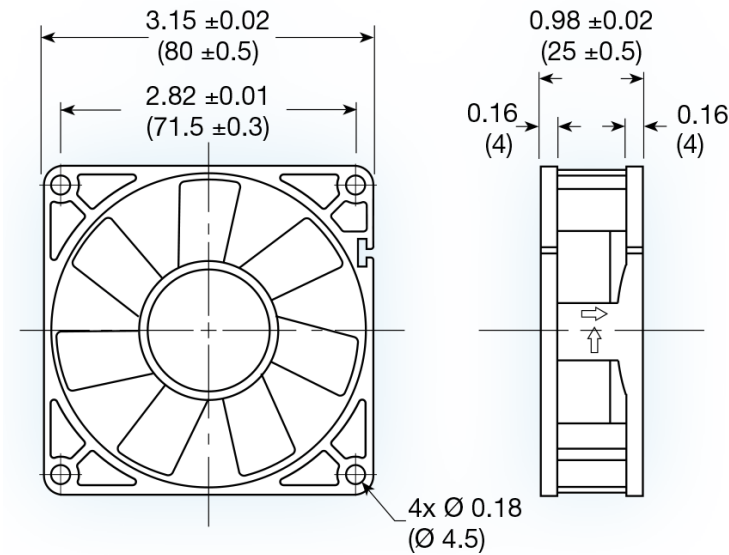
Series	F8025
Product Type	DC Axial Fans
Dimensions	80mm x 80mm x 25mm 3.15in x 3.15in x 0.98in
Rated Voltage	12/24VDC
Weight	82.0 g
Frame Construction	UL94V-0 PBT Plastic
Impeller Construction	UL94V-0 PBT Plastic
Motor Type	Brushless DC
Airflow	Air exhaust over struts
Motor Protection	Reverse polarity protection, Locked rotor protection
Storage Temp	-40°C ~+70°C
Operating Temp	-10°C ~+70°C
Insulation Class	Class A

Available Options

Bearing Options	Ball bearing, Sleeve bearing
Connection Options	Lead wires
Protection Options	Conformal coating, IP57
Additional Options	Tachometer Output, Locked Rotor Alarm, PWM Speed Control

Accessories

Plastic Fan Guards & Filters	09325 80mm (3.25") Square Plastic Fan Guards & Filters
Filter Kits	PFG2-80 80mm (3.25") Square Filter Kits PFG2-80NR 80mm (3.25") Square Filter Kits
Metal Fan Guards	SGR-31 80mm (3.25") Square Metal Fan Guards



Model Number	Rated Voltage	Input Power	Rated Current	Speed	Air Volume		Max Static Pressure (H ₂ O)		Sound Noise
	V	W	A	RPM	m ³ /min	CFM	mm/H ₂ O	in/H ₂ O	dBA
F8025S12-H	12VDC	0.9	0.08	2,000	0.74	26	1.78	0.07	22
F8025S24-H	24VDC	1.2	0.05	2,000	0.74	26	1.78	0.07	22
F8025L12-H	12VDC	1.08	0.09	2,400	0.88	31	2.54	0.10	26

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F8025 80mm DC Axial Fans - Mechatronics

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	V	W	A	RPM	m ³ /min	CFM	mm/H ₂ O	in/H ₂ O	dBA
F8025L24-H	24VDC	1.44	0.06	2,400	0.88	31	2.54	0.10	26
F8025M12-H	12VDC	1.44	0.12	2,800	0.99	35	3.05	0.12	29
F8025M24-H	24VDC	1.92	0.08	2,800	0.99	35	3.05	0.12	29
F8025H12-H	12VDC	1.74	0.15	3,200	1.13	40	4.32	0.17	32
F8025H24-H	24VDC	2.16	0.09	3,200	1.13	40	4.32	0.17	32
F8025E12-H	12VDC	2.88	0.24	3,600	1.30	46	5.33	0.21	35
F8025E24-H	24VDC	3.36	0.14	3,600	1.30	46	5.33	0.21	35
F8025X12-H	12VDC	5.76	0.48	4,200	1.50	53	6.60	0.26	39
F8025X24-H	24VDC	6.24	0.26	4,200	1.50	53	6.60	0.26	39

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