

MECHATRONICS MH4028 SERIES

40mm x 40mm x 28mm DC Axial Fan



Specifications

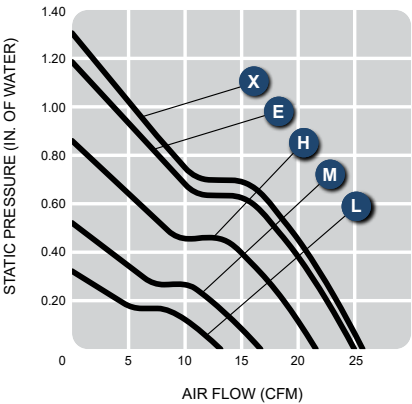
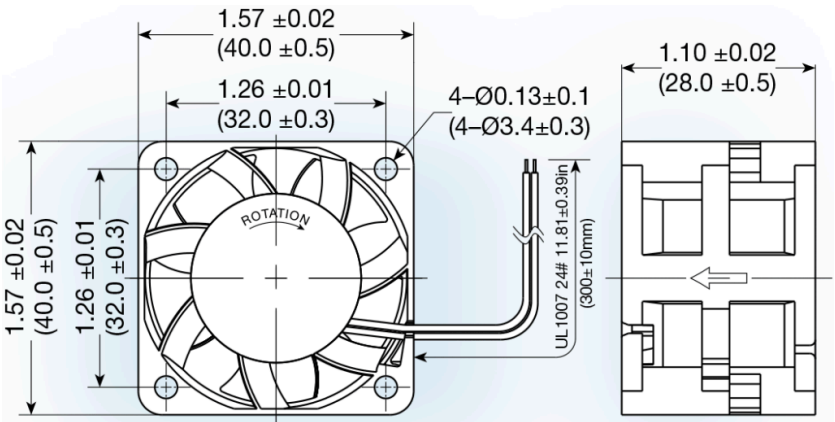
Series	MH4028
Product Type	DC Axial Fans
Dimensions	40mm x 40mm x 28mm 1.57in x 1.57in x 1.10in
Rated Voltage	12/24VDC
Weight	40.0 g
Frame Construction	UL94V-0 PBT Plastic
Impeller Construction	UL94V-0 PBT Plastic
Motor Type	Brushless DC
Airflow	Air exhaust over struts
Motor Protection	Reverse polarity 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
Connection Options	Lead wires
Protection Options	Conformal coating, Parylene coating
Additional Options	Tachometer Output, Locked Rotor Alarm, PWM Speed Control

Accessories

Plastic Fan Guards & Filters	09150 40mm (1.57") Square Plastic Fan Guards & Filters
Metal Fan Guards	SGR-14 40mm (1.57") 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
MH4028L12	12VDC	2.04	0.17	8,000	0.32	11.4	8.64	0.34	38.3
MH4028L24	24VDC	2.64	0.11	8,000	0.32	11.4	8.64	0.34	38.3
MH4028M12	12VDC	3	0.25	10,000	0.41	14.47	13.72	0.54	44.9
MH4028M24	24VDC	3.36	0.14	10,000	0.41	14.47	13.72	0.54	44.9
MH4028H12	12VDC	5.4	0.45	13,000	0.55	19.67	23.37	0.92	52.4
MH4028H24	24VDC	6	0.25	13,000	0.55	19.67	23.37	0.92	52.4
MH4028E12	12VDC	7.8	0.65	15,000	0.64	22.96	32.77	1.29	56.7
MH4028E24	24VDC	8.4	0.35	15,000	0.64	22.96	32.77	1.29	56.7
MH4028X12	12VDC	12	1.00	18,000	0.78	27.88	47.50	1.87	61.5

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