



MFD12025Y

SPECIFICATIONS

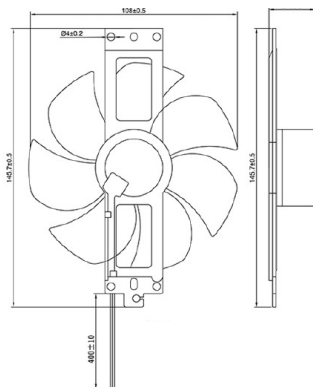
Size	145.7 x 108 x 24.5 mm
Voltage	12V / 24V / 48V DC
Motor	Brushless DC
Frame	plastic PBT UL94V-0
Impeller	plastic PBT UL94V-0
Bearing Type	Ball Bearing / Sleeve Bearing
Operating Temperature	Ball Bearing: -10 ~ 70°C / Sleeve Bearing: -10 ~ 70°C
Life Expectancy	Ball Bearing: 50,000 hours at 25°C / Sleeve Bearing: 20,000 hours at 25°C
Available Functions	FG / PWM / RD / LD



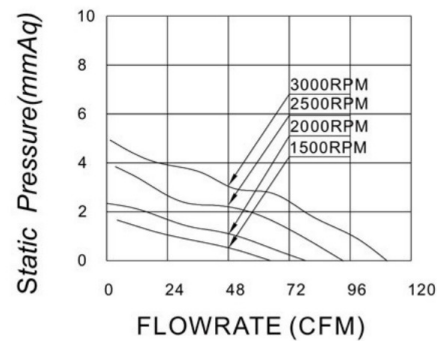
PART NUMBER & PERFORMANCE

Model	Rated Voltage (V)	Operating Voltage	Rated Current (A)	Input Power (W)	Speed (RPM)	Max. Airflow (CF)	Max. Pressure (m)	Noise (dB-A)
MFD12025YD1-LB	12	6.0 ~ 13.5	0.18	2.16	1500	64.2	1.76	30.5
MFD12025YD1-LS	12	6.0 ~ 13.5	0.18	2.16	1500	64.2	1.76	30.5
MFD12025YD1-MB	12	6.0 ~ 13.5	0.25	3	2000	76.6	2.43	36.5
MFD12025YD1-MS	12	6.0 ~ 13.5	0.25	3	2000	76.6	2.43	36.5
MFD12025YD1-HB	12	6.0 ~ 13.5	0.31	3.72	2500	92.4	3.98	42.1
MFD12025YD1-HS	12	6.0 ~ 13.5	0.31	3.72	2500	92.4	3.98	42.1
MFD12025YD1-HHB	12	6.0 ~ 13.5	0.45	5.4	3000	107	5.04	47.4
MFD12025YD1-HHS	12	6.0 ~ 13.5	0.45	5.4	3000	107	5.04	47.4
MFD12025YD2-LB	24	18 ~ 26.5	0.09	2.16	1500	64.2	1.76	30.5
MFD12025YD2-LS	24	18 ~ 26.5	0.09	2.16	1500	64.2	1.76	30.5
MFD12025YD2-MB	24	18 ~ 26.5	0.125	3	2000	76.6	2.43	36.5
MFD12025YD2-MS	24	18 ~ 26.5	0.125	3	2000	76.6	2.43	36.5
MFD12025YD2-HB	24	18 ~ 26.5	0.155	3.72	2500	92.4	3.98	42.1
MFD12025YD2-HS	24	18 ~ 26.5	0.155	3.72	2500	92.4	3.98	42.1
MFD12025YD2-HHB	24	18 ~ 26.5	0.225	5.4	3000	107	5.04	47.4
MFD12025YD2-HHS	24	18 ~ 26.5	0.225	5.4	3000	107	5.04	47.4
MFD12025YD4-LB	48	36 ~ 55	0.045	2.16	1500	64.2	1.76	30.5
MFD12025YD4-LS	48	36 ~ 55	0.045	2.16	1500	64.2	1.76	30.5
MFD12025YD4-MB	48	36 ~ 55	0.063	3	2000	76.6	2.43	36.5
MFD12025YD4-MS	48	36 ~ 55	0.063	3	2000	76.6	2.43	36.5
MFD12025YD4-HB	48	36 ~ 55	0.078	3.72	2500	92.4	3.98	42.1
MFD12025YD4-HS	48	36 ~ 55	0.078	3.72	2500	92.4	3.98	42.1
MFD12025YD4-HHB	48	36 ~ 55	0.112	5.4	3000	107	5.04	47.4
MFD12025YD4-HHS	48	36 ~ 55	0.112	5.4	3000	107	5.04	47.4

DIMENSIONS



P-Q CURVE



MAX FLOW