



MFD12038Y

SPECIFICATIONS

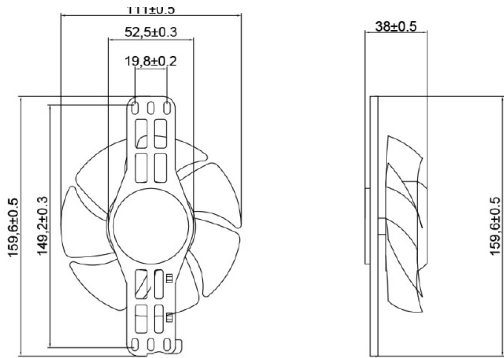
Size	159.6 x 111 x 38 mm
Voltage	12V / 24V / 48V DC
Motor	Brushless DC
Frame	plastic PBT UL94V-0
Impeller	plastic PBT UL94V-0
Bearing Type	Ball Bearing / Sleeve Bearing
Operating Temperature	Ball Bearing: -10 ~ 70°C / Sleeve Bearing: -10 ~ 70°C
Life Expectancy	Ball Bearing: 50,000 hours at 25°C / Sleeve Bearing: 20,000 hours at 25°C
Available Functions	FG / PWM / RD / LD



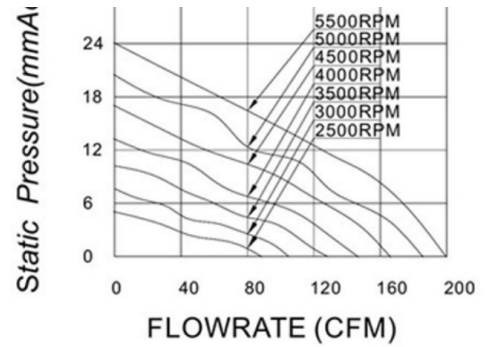
PART NUMBER & PERFORMANCE

Model	Rated Voltage (V)	Operating Voltage	Rated Current (A)	Input Power (W)	Speed (RPM)	Max. Airflow (CF)	Max. Pressure (m)	Noise (dB-A)
MFD12038YD1-LB	12	8 ~ 13.5	0.3	3.6	2500	96.55	5.91	43.4
MFD12038YD1-LS	12	8 ~ 13.5	0.3	3.6	2500	96.55	5.91	43.4
MFD12038YD1-MB	12	8 ~ 13.5	0.6	7.2	3000	111.26	8.66	47.7
MFD12038YD1-MS	12	8 ~ 13.5	0.6	7.2	3000	111.26	8.66	47.7
MFD12038YD1-VMB	12	8 ~ 13.5	0.9	10.8	3500	132.14	11.94	52.8
MFD12038YD1-VMS	12	8 ~ 13.5	0.9	10.8	3500	132.14	11.94	52.8
MFD12038YD1-HB	12	8 ~ 13.5	1.2	14.4	4000	152.89	15.46	54.8
MFD12038YD1-HS	12	8 ~ 13.5	1.2	14.4	4000	152.89	15.46	54.8
MFD12038YD1-HHB	12	8 ~ 13.5	1.5	18	4500	169.37	19.73	58.1
MFD12038YD1-HHS	12	8 ~ 13.5	1.5	18	4500	169.37	19.73	58.1
MFD12038YD1-VHB	12	8 ~ 13.5	1.8	21.6	5000	189.97	24.4	62.1
MFD12038YD1-VHS	12	8 ~ 13.5	1.8	21.6	5000	189.97	24.4	62.1
MFD12038YD1-HVB	12	8 ~ 13.5	2	24	5500	209.92	29.8	65.2
MFD12038YD1-HVS	12	8 ~ 13.5	2	24	5500	209.92	29.8	65.2
MFD12038YD2-LB	24	18 ~ 26.5	0.15	3.6	2500	96.55	5.91	43.4
MFD12038YD2-LS	24	18 ~ 26.5	0.15	3.6	2500	96.55	5.91	43.4
MFD12038YD2-MB	24	18 ~ 26.5	0.3	7.2	3000	111.26	8.66	47.7
MFD12038YD2-MS	24	18 ~ 26.5	0.3	7.2	3000	111.26	8.66	47.7
MFD12038YD2-VMB	24	18 ~ 26.5	0.45	10.8	3500	132.14	11.94	52.8
MFD12038YD2-VMS	24	18 ~ 26.5	0.45	10.8	3500	132.14	11.94	52.8
MFD12038YD2-HB	24	18 ~ 26.5	0.6	14.4	4000	152.89	15.46	54.8
MFD12038YD2-HS	24	18 ~ 26.5	0.6	14.4	4000	152.89	15.46	54.8
MFD12038YD2-HHB	24	18 ~ 26.5	0.75	18	4500	169.37	19.73	58.1
MFD12038YD2-HHS	24	18 ~ 26.5	0.75	18	4500	169.37	19.73	58.1
MFD12038YD2-VHB	24	18 ~ 26.5	0.9	21.6	5000	189.97	24.4	62.1
MFD12038YD2-VHS	24	18 ~ 26.5	0.9	21.6	5000	189.97	24.4	62.1
MFD12038YD4-LB	48	36 ~ 54	0.075	3.6	2500	96.55	5.91	43.4
MFD12038YD4-LS	48	36 ~ 54	0.075	3.6	2500	96.55	5.91	43.4
MFD12038YD4-MB	48	36 ~ 54	0.15	7.2	3000	111.26	8.66	47.7
MFD12038YD4-MS	48	36 ~ 54	0.15	7.2	3000	111.26	8.66	47.7
MFD12038YD4-VMB	48	36 ~ 54	0.225	10.8	3500	132.14	11.94	52.8
MFD12038YD4-VMS	48	36 ~ 54	0.225	10.8	3500	132.14	11.94	52.8
MFD12038YD4-HB	48	36 ~ 54	0.3	14.4	4000	152.89	15.46	54.8
MFD12038YD4-HS	48	36 ~ 54	0.3	14.4	4000	152.89	15.46	54.8
MFD12038YD4-HHB	48	36 ~ 54	0.375	18	4500	169.37	19.73	58.1
MFD12038YD4-HHS	48	36 ~ 54	0.375	18	4500	169.37	19.73	58.1
MFD12038YD4-VHB	48	36 ~ 54	0.45	21.6	5000	189.97	24.4	62.1

DIMENSIONS



P-Q CURVE



MAX FLOW