



MFD4010Y

SPECIFICATIONS

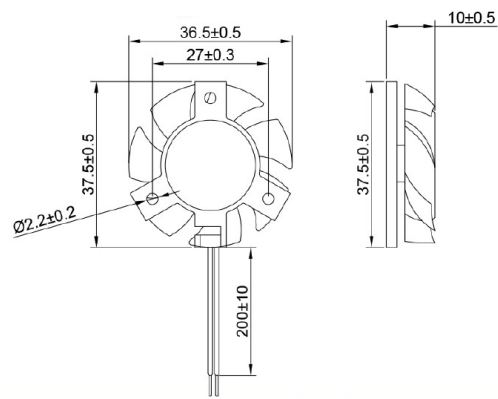
Size	37.5 x 37.5 x 10.5 mm
Voltage	5V / 12V DC
Motor	Brushless DC
Frame	plastic PBT UL94V-0
Impeller	plastic PBT UL94V-0
Bearing Type	Ball Bearing / Sleeve Bearing
Operating Temperature	Ball Bearing: -10 ~ 70°C / Sleeve Bearing: -10 ~ 70°C
Life Expectancy	Ball Bearing: 50,000 hours at 25°C / Sleeve Bearing: 20,000 hours at 25°C
Available Functions	FG / PWM / RD / LD



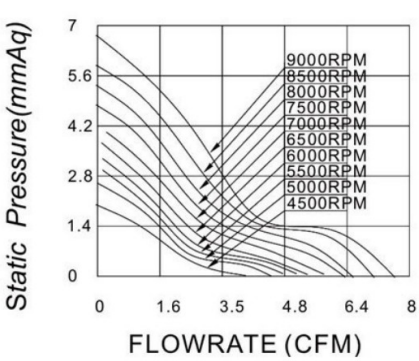
PART NUMBER & PERFORMANCE

Model	Rated Voltage (V)	Operating Voltage	Rated Current (A)	Input Power (W)	Speed (RPM)	Max. Airflow (CF)	Max. Pressure (m)	Noise (dB-A)
MFD4010YD05-LB	5	1.8 ~ 6	0.072	0.36	4500	3.93	2.09	24.6
MFD4010YD05-LS	5	1.8 ~ 6	0.072	0.36	4500	3.93	2.09	24.6
MFD4010YD05-LVB	5	1.8 ~ 6	0.096	0.48	5000	4.51	2.65	28.5
MFD4010YD05-LVS	5	1.8 ~ 6	0.096	0.48	5000	4.51	2.65	28.5
MFD4010YD05-LMB	5	1.8 ~ 6	0.12	0.6	5500	4.83	3.03	30
MFD4010YD05-LMS	5	1.8 ~ 6	0.12	0.6	5500	4.83	3.03	30
MFD4010YD05-MB	5	1.8 ~ 6	0.144	0.72	6000	5.16	3.43	31
MFD4010YD05-MS	5	1.8 ~ 6	0.144	0.72	6000	5.16	3.43	31
MFD4010YD05-MLB	5	1.8 ~ 6	0.168	0.84	6500	5.35	3.81	33.4
MFD4010YD05-MLS	5	1.8 ~ 6	0.168	0.84	6500	5.35	3.81	33.4
MFD4010YD05-HB	5	1.8 ~ 6	0.19	0.96	7000	5.84	4.19	35.3
MFD4010YD05-HS	5	1.8 ~ 6	0.19	0.96	7000	5.84	4.19	35.3
MFD4010YD05-HLB	5	1.8 ~ 6	0.22	1.08	7500	6.3	4.72	37.1
MFD4010YD05-HLS	5	1.8 ~ 6	0.22	1.08	7500	6.3	4.72	37.1
MFD4010YD05-HHB	5	1.8 ~ 6	0.24	1.2	8000	6.51	5.26	38
MFD4010YD05-HHS	5	1.8 ~ 6	0.24	1.2	8000	6.51	5.26	38
MFD4010YD05-VHB	5	1.8 ~ 6	0.26	1.32	8500	7.02	5.92	39.5
MFD4010YD05-VHS	5	1.8 ~ 6	0.26	1.32	8500	7.02	5.92	39.5
MFD4010YD1-LB	12	8.5 ~ 13.5	0.03	0.36	4500	3.93	2.09	24.6
MFD4010YD1-LS	12	8.5 ~ 13.5	0.03	0.36	4500	3.93	2.09	24.6
MFD4010YD1-LVB	12	8.5 ~ 13.5	0.04	0.48	5000	4.51	2.65	28.5
MFD4010YD1-LVS	12	8.5 ~ 13.5	0.04	0.48	5000	4.51	2.65	28.5
MFD4010YD1-LMB	12	8.5 ~ 13.5	0.05	0.6	5500	4.83	3.03	30
MFD4010YD1-LMS	12	8.5 ~ 13.5	0.05	0.6	5500	4.83	3.03	30
MFD4010YD1-MB	12	8.5 ~ 13.5	0.06	0.72	6000	5.16	3.43	31
MFD4010YD1-MS	12	8.5 ~ 13.5	0.06	0.72	6000	5.16	3.43	31
MFD4010YD1-MLB	12	8.5 ~ 13.5	0.07	0.84	6500	5.35	3.81	33.4
MFD4010YD1-MLS	12	8.5 ~ 13.5	0.07	0.84	6500	5.35	3.81	33.4
MFD4010YD1-HB	12	8.5 ~ 13.5	0.08	0.96	7000	5.84	4.19	35.3
MFD4010YD1-HS	12	8.5 ~ 13.5	0.08	0.96	7000	5.84	4.19	35.3
MFD4010YD1-HLB	12	8.5 ~ 13.5	0.09	1.08	7500	6.3	4.72	37.1
MFD4010YD1-HLS	12	8.5 ~ 13.5	0.09	1.08	7500	6.3	4.72	37.1
MFD4010YD1-HHB	12	8.5 ~ 13.5	0.1	1.2	8000	6.51	5.26	38
MFD4010YD1-HHS	12	8.5 ~ 13.5	0.1	1.2	8000	6.51	5.26	38
MFD4010YD1-VHB	12	8.5 ~ 13.5	0.11	1.32	8500	7.02	5.92	39.5
MFD4010YD1-VHS	12	8.5 ~ 13.5	0.11	1.32	8500	7.02	5.92	39.5

DIMENSIONS



P-Q CURVE



MAX FLOW