



MFD5010Y

SPECIFICATIONS

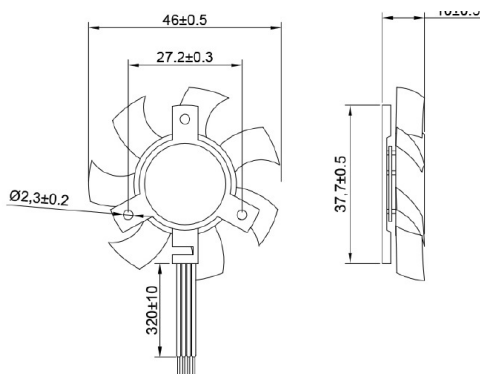
Size	Ø46 x 10.5 mm
Voltage	5V / 12V DC
Motor	Brushless DC
Frame	plastic PBT UL94V-0
Impeller	plastic PBT UL94V-0
Bearing Type	Ball Bearing / Sleeve Bearing
Operating Temperature	Ball Bearing: -10 ~ 70°C / Sleeve Bearing: -10 ~ 70°C
Life Expectancy	Ball Bearing: 50,000 hours at 25°C / Sleeve Bearing: 20,000 hours at 25°C
Available Functions	FG / PWM / RD / LD



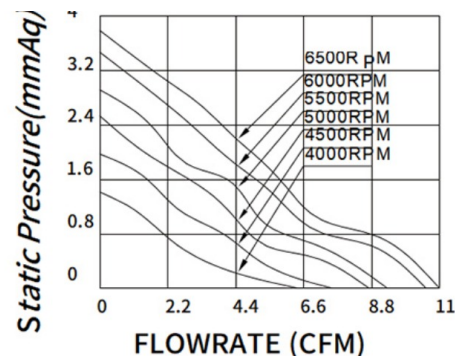
PART NUMBER & PERFORMANCE

Model	Rated Voltage (V)	Operating Voltage	Rated Current (A)	Input Power (W)	Speed (RPM)	Max. Airflow (CF)	Max. Pressure (m)	Noise (dB-A)
MFD5010YD05-LB	5	1.8 ~ 6	0.072	0.36	4000	6.34	1.37	22.1
MFD5010YD05-LS	5	1.8 ~ 6	0.072	0.36	4000	6.34	1.37	22.1
MFD5010YD05-LMB	5	1.8 ~ 6	0.096	0.48	4500	7.62	1.98	27.1
MFD5010YD05-LMS	5	1.8 ~ 6	0.096	0.48	4500	7.62	1.98	27.1
MFD5010YD05-MB	5	1.8 ~ 6	0.12	0.6	5000	8.65	2.53	31.8
MFD5010YD05-MS	5	1.8 ~ 6	0.12	0.6	5000	8.65	2.53	31.8
MFD5010YD05-LHB	5	1.8 ~ 6	0.144	0.72	5500	9.12	2.92	35.1
MFD5010YD05-LHS	5	1.8 ~ 6	0.144	0.72	5500	9.12	2.92	35.1
MFD5010YD05-HB	5	1.8 ~ 6	0.168	0.84	6000	10.6	3.45	37.6
MFD5010YD05-HS	5	1.8 ~ 6	0.168	0.84	6000	10.6	3.45	37.6
MFD5010YD05-HHB	5	1.8 ~ 6	0.19	0.96	6500	10.9	3.77	40
MFD5010YD05-HHS	5	1.8 ~ 6	0.19	0.96	6500	10.9	3.77	40
MFD5010YD1-LB	12	8.5 ~ 13.5	0.03	0.36	4000	6.34	1.37	22.1
MFD5010YD1-LS	12	8.5 ~ 13.5	0.03	0.36	4000	6.34	1.37	22.1
MFD5010YD1-LMB	12	8.5 ~ 13.5	0.04	0.48	4500	7.62	1.98	27.1
MFD5010YD1-LMS	12	8.5 ~ 13.5	0.04	0.48	4500	7.62	1.98	27.1
MFD5010YD1-MB	12	8.5 ~ 13.5	0.05	0.6	5000	8.65	2.53	31.8
MFD5010YD1-MS	12	8.5 ~ 13.5	0.05	0.6	5000	8.65	2.53	31.8
MFD5010YD1-LHB	12	8.5 ~ 13.5	0.06	0.72	5500	9.12	2.92	35.1
MFD5010YD1-LHS	12	8.5 ~ 13.5	0.06	0.72	5500	9.12	2.92	35.1
MFD5010YD1-HB	12	8.5 ~ 13.5	0.07	0.84	6000	10.6	3.45	37.6
MFD5010YD1-HS	12	8.5 ~ 13.5	0.07	0.84	6000	10.6	3.45	37.6
MFD5010YD1-HHB	12	8.5 ~ 13.5	0.08	0.96	6500	10.9	3.77	40
MFD5010YD1-HHS	12	8.5 ~ 13.5	0.08	0.96	6500	10.9	3.77	40

DIMENSIONS



P-Q CURVE



MAX FLOW