

MAX-FLOW

Electric Machinery CO., LTD.



MAX FLOW

Fan Manufacturer of Taiwan

AC	DC	FILTER
AC AXIAL FAN <u>MF25090 (250x90mm)</u> <u>MF17251R (Ø172mm)</u> <u>MF17251 (172x51mm)</u> <u>MF12038 (120x38mm)</u> <u>MF12025 (120x25mm)</u> <u>MF 9225 (92x25 mm)</u> <u>MF 8038 (80x38 mm)</u> <u>MF 8025 (80x25 mm)</u> IP55 AC FAN <u>MF17251 (172x51mm)</u> <u>MF12038 (120x38mm)</u> Capactor Fan Motor <u>MFC28080(280x80mm)</u> <u>MFC22068(220x68mm)</u> <u>MFC20572(205x72mm)</u> <u>MFC18066(180x66mm)</u> <u>MFC16066(160x66mm)</u>	DC FAN (25/40/50mm) <u>2507</u> <u>4007 4010 4020</u> <u>5010 5015</u> DC FAN (60/70mm) <u>6010 6015 6020 6025</u> <u>7010 7015 7020 7025</u> DC FAN (80/90mm) <u>8015 8020 8025</u> <u>8030Blower 9225</u> DC FAN (120/172mm) <u>12025 12038</u> <u>17251Ellipse Frame</u> <u>17251Round Frame</u>	MU SERIES <u>MU-04 (163x27mm)</u> <u>MU-06 (204x26mm)</u> <u>MU-9703 (158x25mm)</u> <u>MU-9704 (208x25mm)</u> MA SERIES <u>MA-04 (148.5x13.5mm)</u> <u>MA-06 (204x13.5mm)</u> <u>MA-08 (255x13.5mm)</u> Accessories <u>AC CORD</u> <u>WIRE FORM FINGER</u> <u>PLASTIC FILTER</u>

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MF 17251 Ellipse Frame

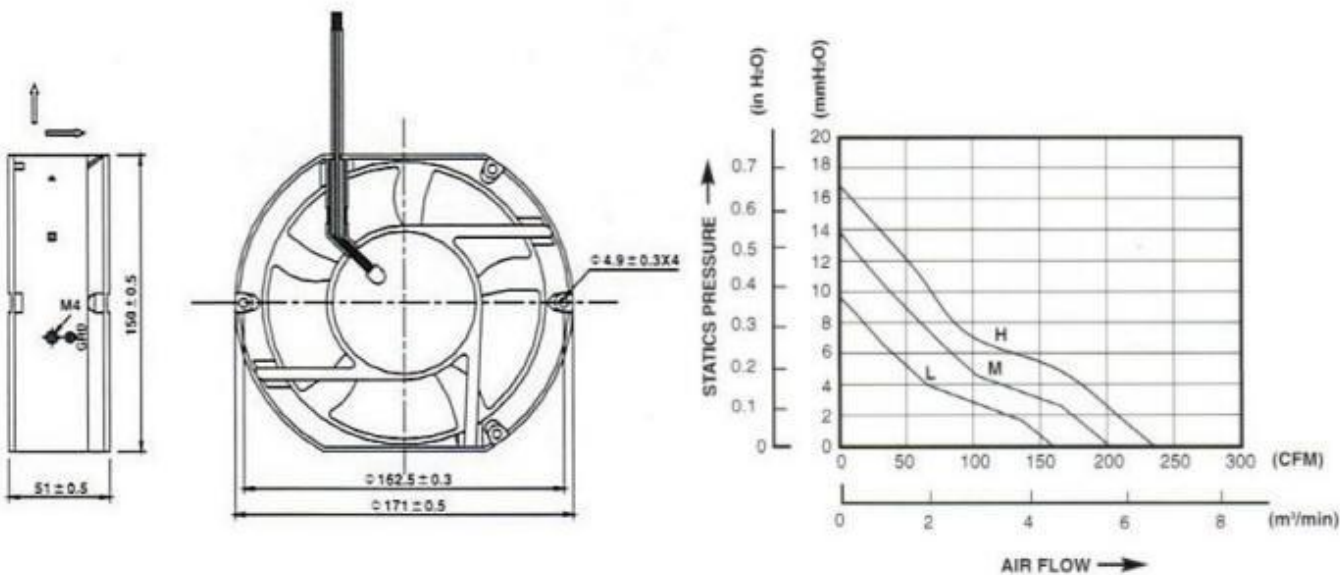


SIZE : 172X150X51mm(6.77"X5.91"X2")
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : Auto-restart
frequency generator or rotation detection signal option
WEIGHT : 720 grams

172 x 150 x 51 mm

MODELNO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m ³ /min	mmAq	IN H ₂ O	
MF17251D2H	Ball Sleeve	24(12-27.6)	0.8	19.2	3400	235	6.65	16.9	0.66	59.6
MF17251D2M	Ball Sleeve	24(12-27.6)	0.6	14.4	2900	201	5.69	13.9	0.54	55.8
MF17251D2L	Ball Sleeve	24(12-27.6)	0.45	10.8	2400	159	5.04	9.6	0.38	51
MF17251D4H	Ball Sleeve	48(25-60)	0.4	19.2	3400	235	6.65	16.9	0.66	59.6
MF17251D4M	Ball Sleeve	48(25-60)	0.35	16.8	2900	201	5.69	13.9	0.54	55.8
MF17251D4L	Ball Sleeve	48(25-60)	0.25	12	2400	159	5.04	9.6	0.38	51

※Reference only Specifications



MF 17251 Round Frame



SIZE : Ø172X51mm(6.77"X6.77"X2")

CONSTRUCTION :

Glass fiber reinforced plastic :

Impeller and housing PBT are UL 94V-0 rating

OPERATING TEMPERATURE :

Ball bearing -30c to +75c Sleeve bearing -10c to +70c

INSTULATION RESISTANCE :

10 meg Ohm min. at 500VDC(between frame and terminal)

DIELECTRIC STRENGTH :

5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)

FUNCTION : Auto-restart

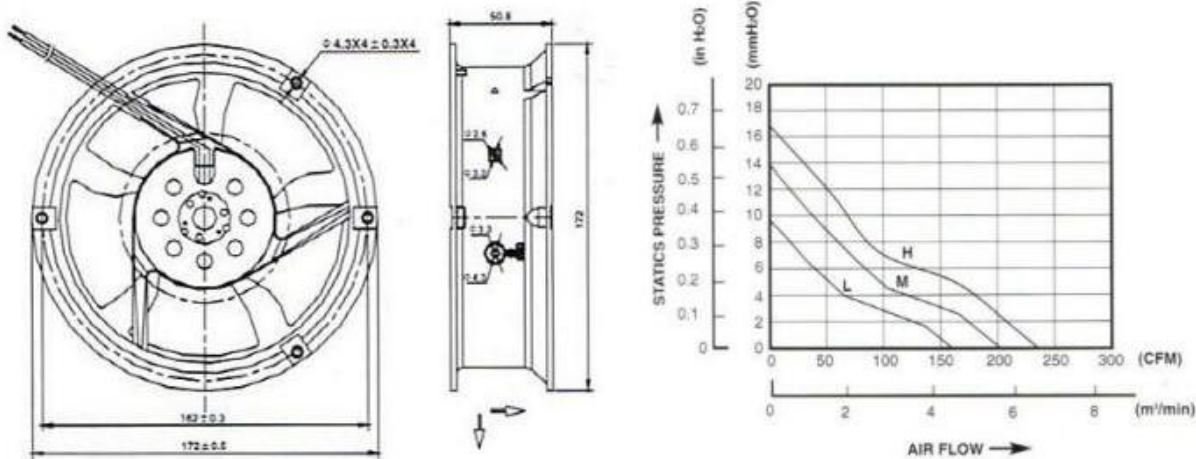
frequency generator or rotation detection signal option

WEIGHT : 730 grams

Ø 172 x 51 mm

MODELNO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m ³ /min	mmAq	IN H ₂ O	
MF17251RD2H	Ball Sleeve	24(12-27.6)	0.8	19.2	3400	235	6.65	16.9	0.66	59.6
MF17251RD2M	Ball Sleeve	24(12-27.6)	0.6	14.4	2900	201	5.69	13.9	0.54	55.8
MF17251RD2L	Ball Sleeve	24(12-27.6)	0.45	10.8	2400	159	5.04	9.6	0.38	51
MF17251RD4H	Ball Sleeve	48(25-60)	0.4	19.2	3400	235	6.65	16.9	0.66	59.6
MF17251RD4M	Ball Sleeve	48(25-60)	0.35	16.8	2900	201	5.69	13.9	0.54	55.8
MF17251RD4L	Ball Sleeve	48(25-60)	0.25	12	2400	159	5.04	9.6	0.38	51

※Reference only Specifications



MF 12038

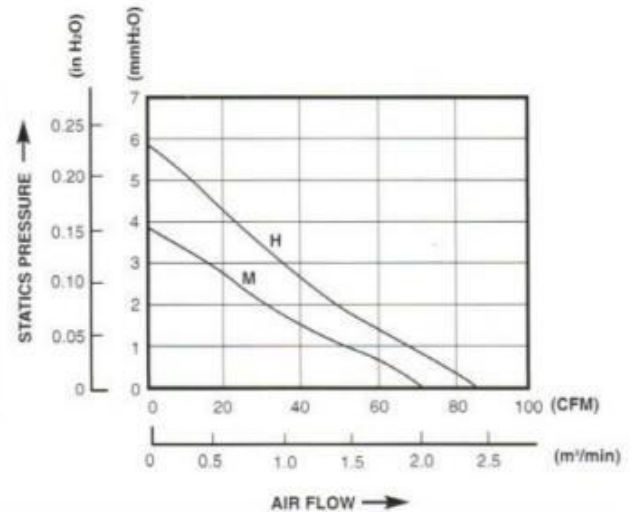
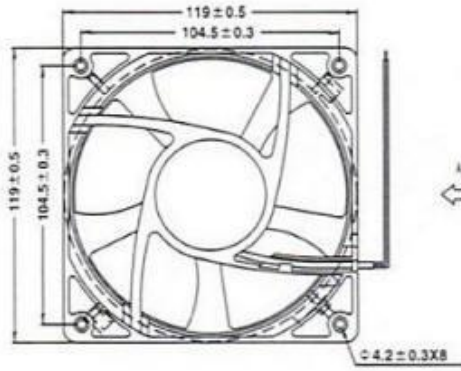


SIZE : 120X120X38mm(4.72”X4.72”X1.50”)
CONSTRUCTION :
Die-cast aluminum housing
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 380 grams

120 x 120 x 38 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED	AIR FLOW		PRESSURE		NOISE
		(VDC)	(A)	(W)	(R.P.M)	CFM	m³min	mmAq	IN H₂O	dB-A
MF1238D1L	Ball Sleeve	12(7-14)	0.22	2.64	1950	71.6	2.03	3.25	0.13	36.2
MF1238D1M	Ball Sleeve	12(7-14)	0.39	4.68	2800	105.46	2.98	6.73	0.26	46.7
MF1238D1H	Ball Sleeve	12(7-14)	0.62	7.44	3200	120.1	3.34	8.51	0.33	48.0
MF1238D1HHH	Ball Sleeve	12(7-14)	0.96	11.52	3800	181.6	5.14	13.46	0.53	57.5
MF1238D2L	Ball Sleeve	24(15-27)	0.10	2.40	1950	71.6	2.03	3.25	0.13	36.2
MF1238D2M	Ball Sleeve	24(15-27)	0.26	6.24	2800	105.46	2.98	6.73	0.26	46.7
MF1238D2H	Ball Sleeve	24(15-27)	0.38	9.12	3200	120.1	3.34	8.51	0.33	48.0
MF1238D2HH	Ball Sleeve	24(15-27)	0.58	13.92	3800	181.6	5.14	13.46	0.53	57.5
MF1238D4L	Ball Sleeve	48(35-57)	0.09	4.32	1950	71.6	2.03	3.25	0.13	36.2
MF1238D4M	Ball Sleeve	48(35-57)	0.18	8.64	2800	105.46	2.98	6.73	0.26	46.7
MF1238D4H	Ball Sleeve	48(35-57)	0.22	10.56	3200	120.1	3.34	8.51	0.33	48.0
MF1238D4HH	Ball Sleeve	48(35-57)	0.28	13.44	3800	181.6	5.14	13.46	0.53	57.5

※Reference only Specifications



MF 12025

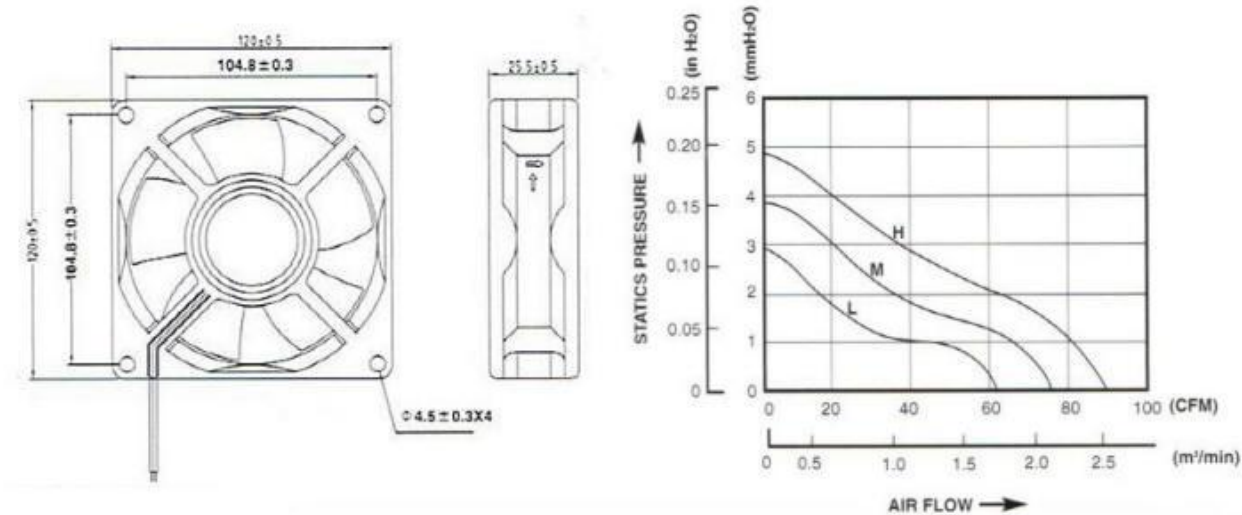


SIZE : 120X120X25mm(4.72”X4.72”X0.98”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 125 grams

120 x 120 x 25 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF1225D1L	Ball Sleeve	12(7-14)	0.17	2.04	2000	91.2	2.582	4.50	0.177	32.0
MF1225D1M	Ball Sleeve	12(7-14)	0.25	3.00	2300	106.3	3.010	6.02	0.237	36.2
MF1225D1H	Ball Sleeve	12(7-14)	0.33	3.96	2600	119.5	3.384	7.67	0.302	40.3
MF1225D1HH	Ball Sleeve	12(7-14)	0.46	5.52	2900	132.5	3.752	9.48	0.373	42.1
MF1225D2L	Ball Sleeve	24(15-27)	0.09	2.16	2000	91.2	2.582	5.50	0.177	32.0
MF1225D2M	Ball Sleeve	24(15-27)	0.15	3.60	2300	106.3	3.010	6.02	0.237	36.2
MF1225D2H	Ball Sleeve	24(15-27)	0.19	4.56	2600	119.5	3.384	7.67	0.302	40.3
MF1225D2HH	Ball Sleeve	24(15-27)	0.24	5.76	2900	132.5	3.752	9.48	0.373	42.1

※Reference only Specifications



MF 9225

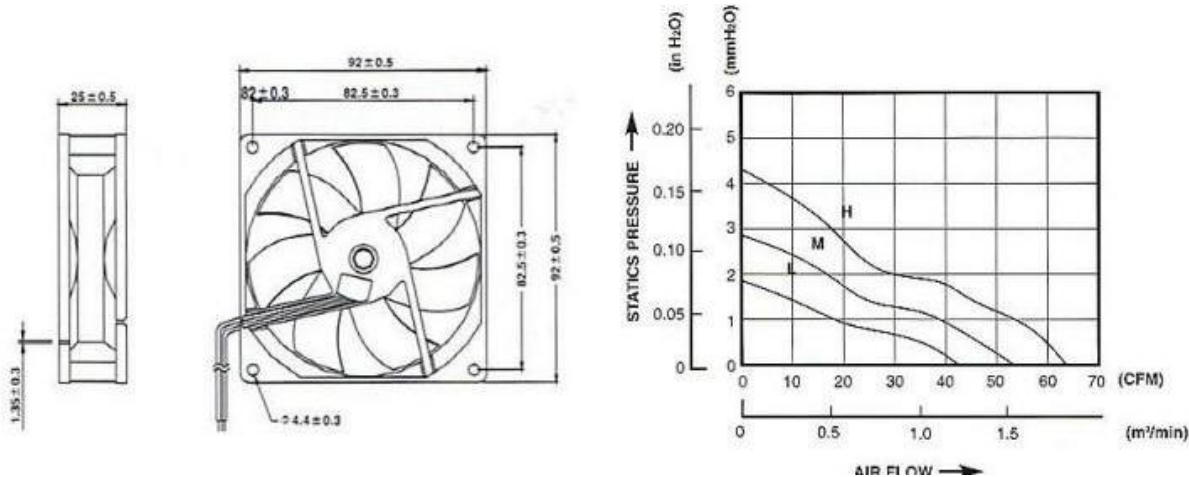


SIZE : 92X92X25mm(3.62”X3.62”X0.98”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 78 grams

92 x 92 x 25 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF9225D05M	Ball Sleeve	5(3.5-5.5)	0.22	1.10	2000	40.20	1.14	2.70	0.11	27.0
MF9225D05H	Ball Sleeve	5(3.5-5.5)	0.34	1.70	2500	50.10	1.42	4.15	0.16	32.0
MF9225D1L	Ball Sleeve	12(7-14)	0.14	1.68	2500	50.10	1.42	4.15	0.16	32.0
MF9225D1M	Ball Sleeve	12(7-14)	0.20	2.40	3000	59.60	1.69	5.92	0.23	26.8
MF9225D1H	Ball Sleeve	12(7-14)	0.38	4.56	3500	68.40	1.94	8.02	0.32	40.9
MF9225D2L	Ball Sleeve	24(15-27)	0.06	1.44	2000	40.20	1.14	2.70	0.11	27.0
MF9225D2M	Ball Sleeve	24(15-27)	0.09	2.16	2500	50.10	1.42	4.15	0.16	32.0
MF9225D2H	Ball Sleeve	24(15-27)	0.11	2.64	3000	59.60	1.69	5.92	0.23	26.8
MF9225D2HH	Ball Sleeve	24(15-27)	0.20	4.80	3500	68.40	1.94	8.02	0.32	40.9

※Reference only Specifications



MF 8030

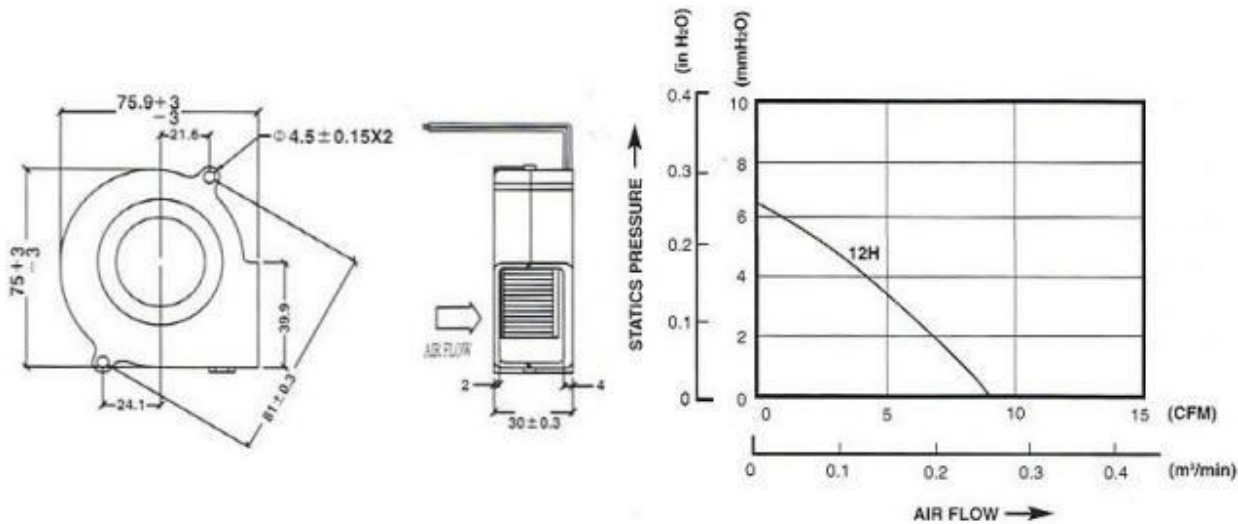


SIZE : 80X80X30mm(3.15"X3.15"X1.18")
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Sleeve bearing -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal option
WEIGHT : 95 grams

80 x 80 x 30 mm

MODEL NO.	BEARING	VOLTAGE	VOLTAGE RANGE	CURRENT	INPUT POWER	SPEED	MAX.AIR FLOW		MAX.AIR PRESSURE		NOISE
		(VDC)	(V)	(A)	(W)	(R.P.M)	m ³ min	CFM	mmH ₂ O	IN H ₂ O	dB-A
MF8030D1HB	Ball	12	10.2-13.8	0.20	2.40	2600	0.253	8.94	6.33	0.249	35
MF8030D1HS	Sleeve	12	10.2-13.8	0.20	2.40	2600	0.253	8.94	6.33	0.249	35

※Reference only Specifications



MF 8025

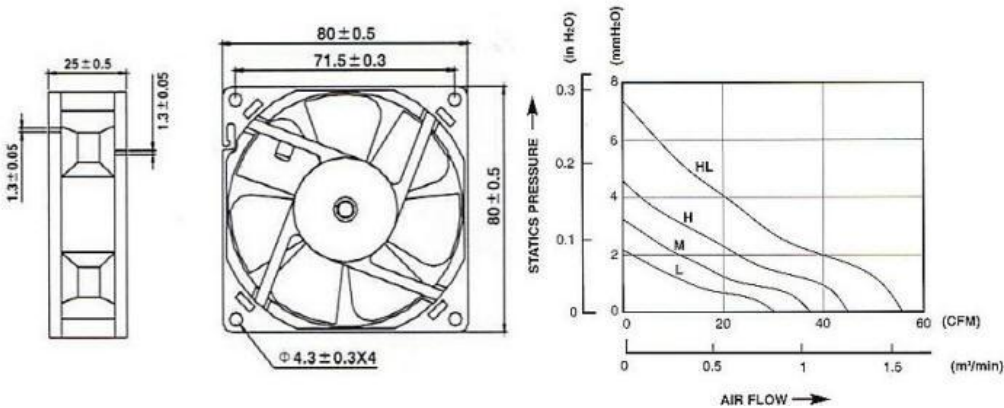


SIZE : 80X80X25mm(3.15”X3.15”X0.98”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 54 grams

80 x 80 x 25 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED	AIR FLOW		PRESSURE		NOISE
		(VDC)	(A)	(W)	(R.P.M)	CFM	m ³ /min	mmAq	IN H ₂ O	dB-A
MF8025D1L	Ball Sleeve	12(7-14)	0.10	1.20	2000	32.40	0.392	6.10	0.24	24.3
MF8025D1M	Ball Sleeve	12(7-14)	0.15	1.80	2500	38.60	1.09	7.11	0.28	27.1
MF8025D1H	Ball Sleeve	12(7-14)	0.23	2.76	3000	44.20	1.25	8.13	0.32	35.2
MF8025D2L	Ball Sleeve	24(15-27)	0.06	1.44	2000	32.40	0.92	6.10	0.24	24.3
MF8025D2M	Ball Sleeve	24(15-27)	0.08	1.92	2500	38.60	1.09	7.11	0.28	27.1
MF8025D2H	Ball Sleeve	24(15-27)	0.12	2.88	3000	44.20	1.25	8.13	0.32	35.2
MF8025D2HH	Ball Sleeve	24(15-27)	0.21	5.04	3500	51.30	1.45	9.40	0.37	37.6
MF8025D2L	Ball Sleeve	48(35-57)	0.05	2.40	2500	38.60	1.09	7.11	0.28	27.1
MF8025D2M	Ball Sleeve	48(35-57)	0.07	3.36	3000	44.20	1.25	8.13	0.32	35.2
MF8025D2H	Ball Sleeve	48(35-57)	0.12	5.76	3500	51.30	1.45	9.40	0.37	37.6

※Reference only Specifications



MF 8020

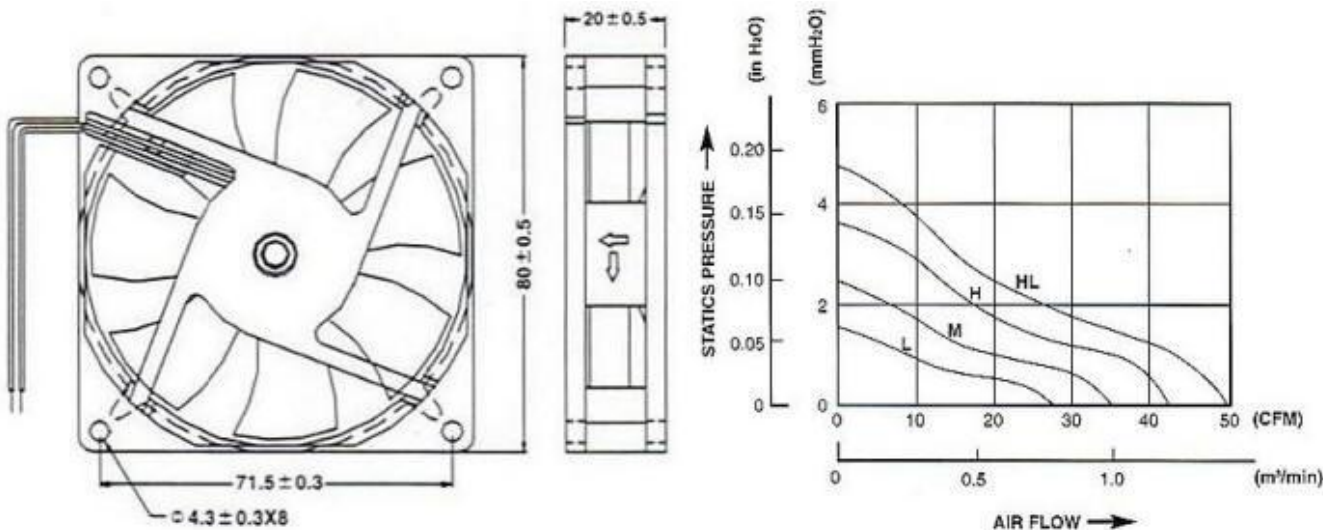


SIZE : 80X80X20mm(3.15”X3.15”X0.79”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC (between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 52 grams

80 x 80 x 20 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF8020D05H	Ball Sleeve	5(3.5-5.5)	0.34	1.7	2400	27.9	0.79	3.02	0.12	25.2
MF8020D1L	Ball Sleeve	12(7-14)	0.16	1.92	2400	27.9	0.79	3.02	0.12	25.2
MF8020D1M	Ball Sleeve	12(7-14)	0.19	2.28	2800	33.50	0.98	4.03	0.18	28.7
MF8020D1H	Ball Sleeve	12(7-14)	0.27	3.24	3200	37.80	1.07	5.18	0.20	31.3
MF8020D1HH	Ball Sleeve	12(7-14)	0.32	3.84	3600	41.80	1.18	6.52	0.26	35.2
MF8020D2L	Ball Sleeve	24(15-27)	0.09	2.16	2400	27.9	0.79	3.02	0.12	25.2
MF8020D2M	Ball Sleeve	24(15-27)	0.11	2.64	2800	33.50	0.95	4.03	0.16	28.7
MF8020D2H	Ball Sleeve	24(15-27)	0.14	3.36	3200	37.80	1.07	5.18	0.20	31.3
MF8020D2HH	Ball Sleeve	24(15-27)	0.17	4.08	3600	41.80	1.18	6.52	0.26	35.2

※Reference only Specifications



MF 8015

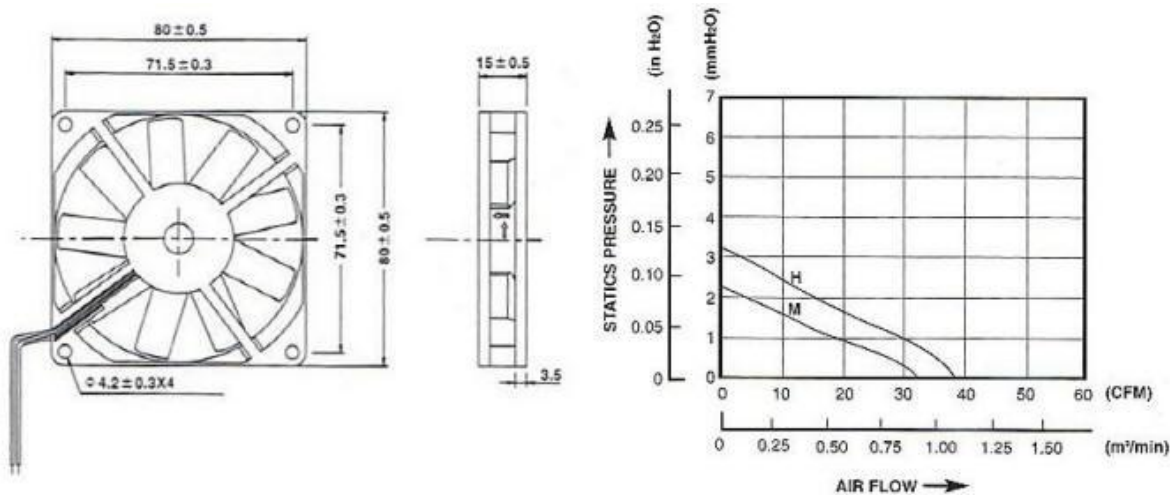


SIZE : 80X80X15mm(3.15”X3.15”X0.59”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 48 grams

80 x 80 x 15 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF8015D05H	Ball Sleeve	5(3.5-5.5)	0.31	1.55	2400	27.20	0.77	2.50	0.10	26.0
MF8015D1L	Ball Sleeve	12(7-14)	0.15	1.80	2400	27.20	0.77	2.50	0.10	26.0
MF8015D1M	Ball Sleeve	12(7-14)	0.23	2.76	2800	32.50	0.92	3.27	0.13	31.0
MF8015D1H	Ball Sleeve	12(7-14)	0.30	3.60	3200	37.60	1.06	4.18	0.16	34.0
MF8015D1HH	Ball Sleeve	12(7-14)	0.35	4.20	3600	44.20	1.25	5.17	0.20	37.0
MF8015D2L	Ball Sleeve	24(15-27)	0.08	1.92	2400	27.20	0.77	2.50	0.10	26.0
MF8015D2M	Ball Sleeve	24(15-27)	0.12	2.88	2800	32.50	0.92	3.27	0.13	31.0
MF8015D2H	Ball Sleeve	24(15-27)	0.15	3.60	3200	37.60	1.06	4.18	0.16	34.0
MF8015D2HH	Ball Sleeve	24(15-27)	0.20	4.80	3600	44.20	1.25	5.17	0.20	37.0

※Reference only Specifications



MF 7025

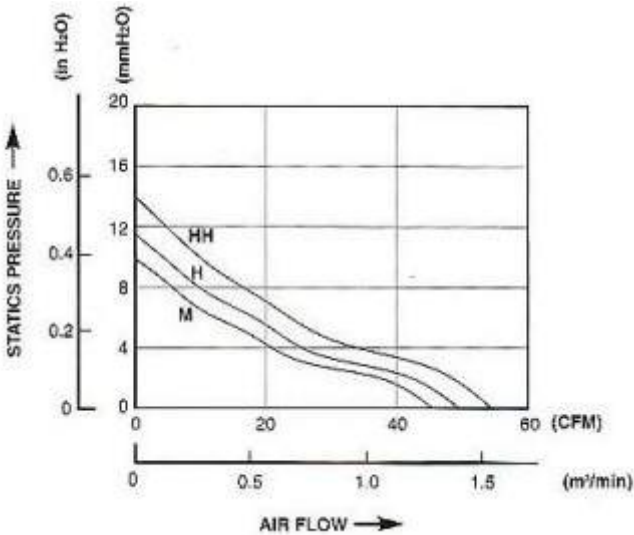
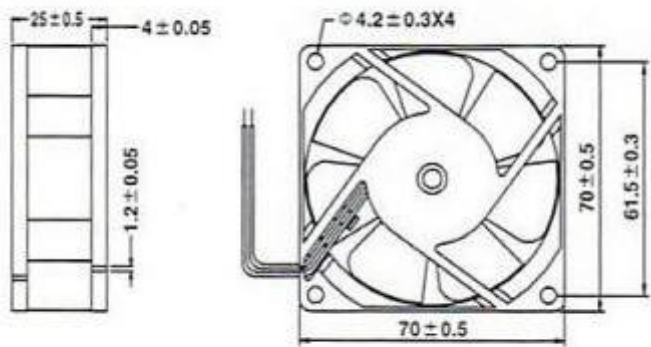


SIZE : 70X70X25mm(2.76”X2.76”X0.98”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 78 grams

70 x 70 x 25 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF7025D1L	Ball Sleeve	12(7-14)	0.13	1.56	2600	25.60	0.72	2.45	0.10	26.0
MF7025D1M	Ball Sleeve	12(7-14)	0.21	2.52	3200	31.50	0.89	3.65	0.14	32.0
MF7025D1H	Ball Sleeve	12(7-14)	0.29	3.48	3800	37.40	1.06	5.10	0.20	37.0
MF7025D1HH	Ball Sleeve	12(7-14)	0.33	3.96	4400	43.90	1.24	6.78	0.27	41.0
MF7025D2L	Ball Sleeve	24(15-27)	0.11	1.32	3200	31.50	0.89	3.65	0.14	32.0
MF7025D2M	Ball Sleeve	24(15-27)	0.15	1.80	3800	37.40	1.06	5.10	0.20	37.0
MF7025D2H	Ball Sleeve	24(15-27)	0.17	2.04	4400	43.90	1.24	6.78	0.27	41.0

※Reference only Specifications



MF 7020

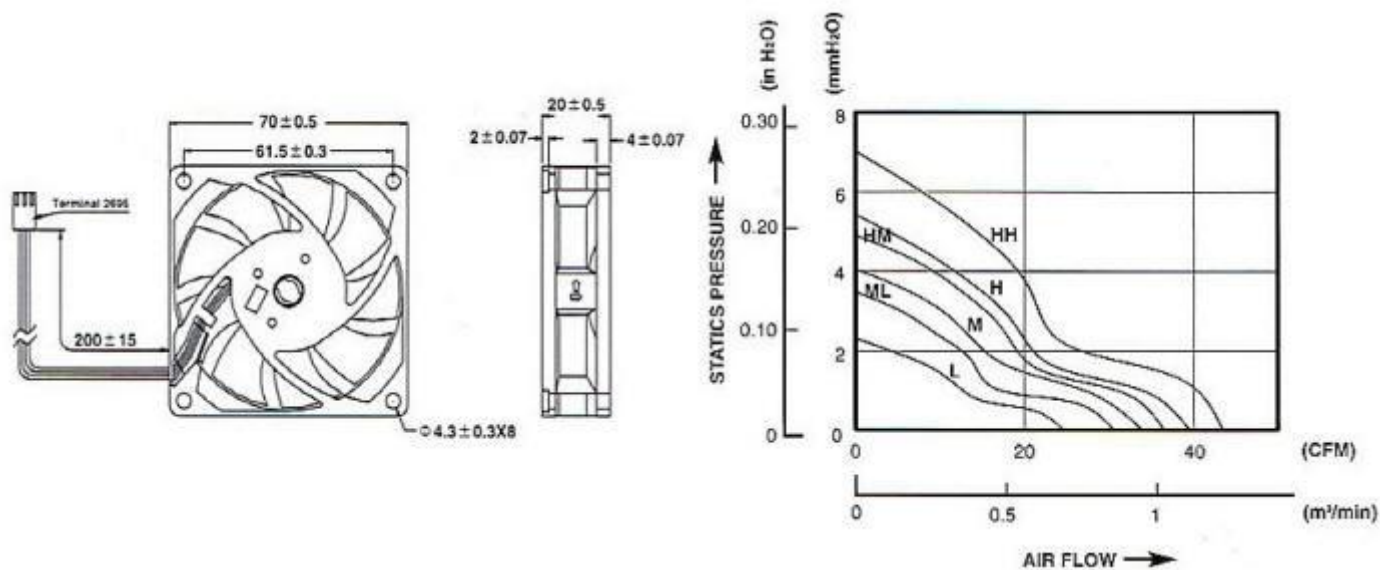


SIZE : 70X70X20mm(2.76”X2.76”X0.79”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 70 grams

70 x 70 x 20 mm

MODEL NO.	BEARING	VOLTAGE	VOLTAGE RANGE	CURRENT	INPUT POWER	SPEED	MAX.AIR FLOW		MAX.AIR PRESSURE		NOISE
		(VDC)	(V)	(A)	(W)	(R.P.M)	m³/min	CFM	mmH₂O	IN H₂O	dB-A
MF7020D1L	Ball Sleeve	12	10.2-13.8	0.15	1.80	2900	0.69	24.5	2.3	0.09	26
MF7020D1M	Ball Sleeve	12	10.2-13.8	0.24	2.88	4000	0.96	34.0	4.0	0.16	35.7
MF7020D1H	Ball Sleeve	12	10.2-13.8	0.35	4.20	4600	1.12	39.5	5.4	0.21	39.8
MF7020D1HH	Ball Sleeve	12	10.2-13.8	0.48	5.76	5000	1.22	43.2	7.0	0.28	41.1

※Reference only Specifications



MF 7015

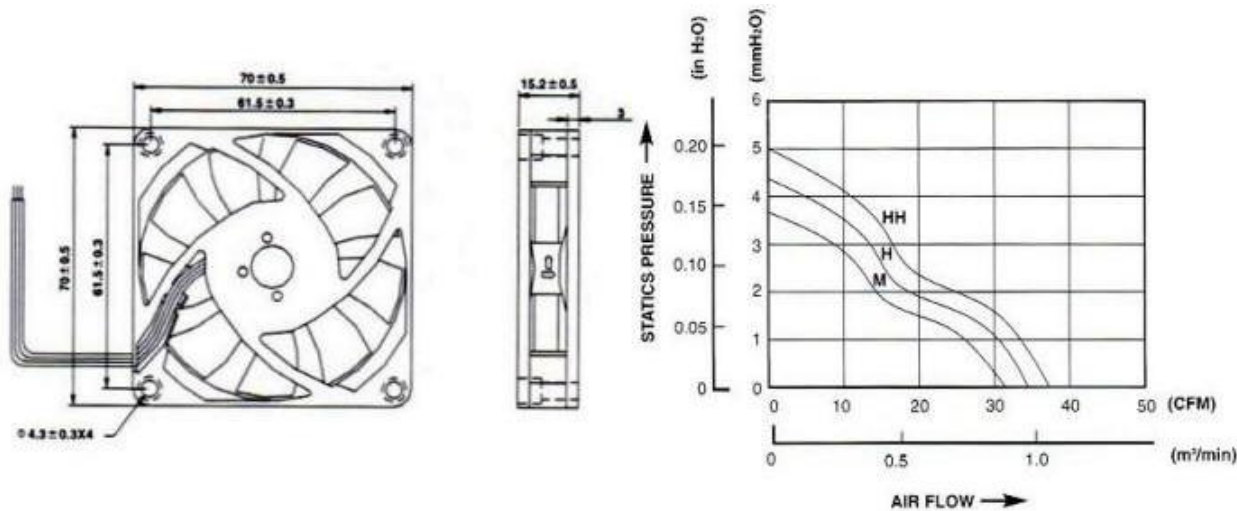


SIZE : 70X70X15mm(2.76”X2.76”X0.59”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 42 grams

70 x 70 x 15 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF7015D1L	Ball Sleeve	12(7-14)	0.10	1.20	2800	20.20	0.57	1.90	0.07	24.0
MF7015D1M	Ball Sleeve	12(7-14)	0.17	2.04	3300	23.85	0.67	2.60	0.10	27.0
MF7015D1H	Ball Sleeve	12(7-14)	0.25	3.00	3800	27.60	0.78	3.40	0.13	31.0
MF7015D1HH	Ball Sleeve	12(7-14)	0.35	4.20	4100	29.00	0.82	4.10	0.16	32.7
MF7015D2L	Ball Sleeve	24(15-27)	0.10	2.40	3300	23.85	0.67	2.60	0.10	27.0
MF7015D2M	Ball Sleeve	24(15-27)	0.14	3.36	3800	27.60	0.78	3.40	0.13	31.0
MF7015D2H	Ball Sleeve	24(15-27)	0.18	4.32	4100	29.00	0.82	4.10	0.16	32.7

※Reference only Specifications



MF 7010

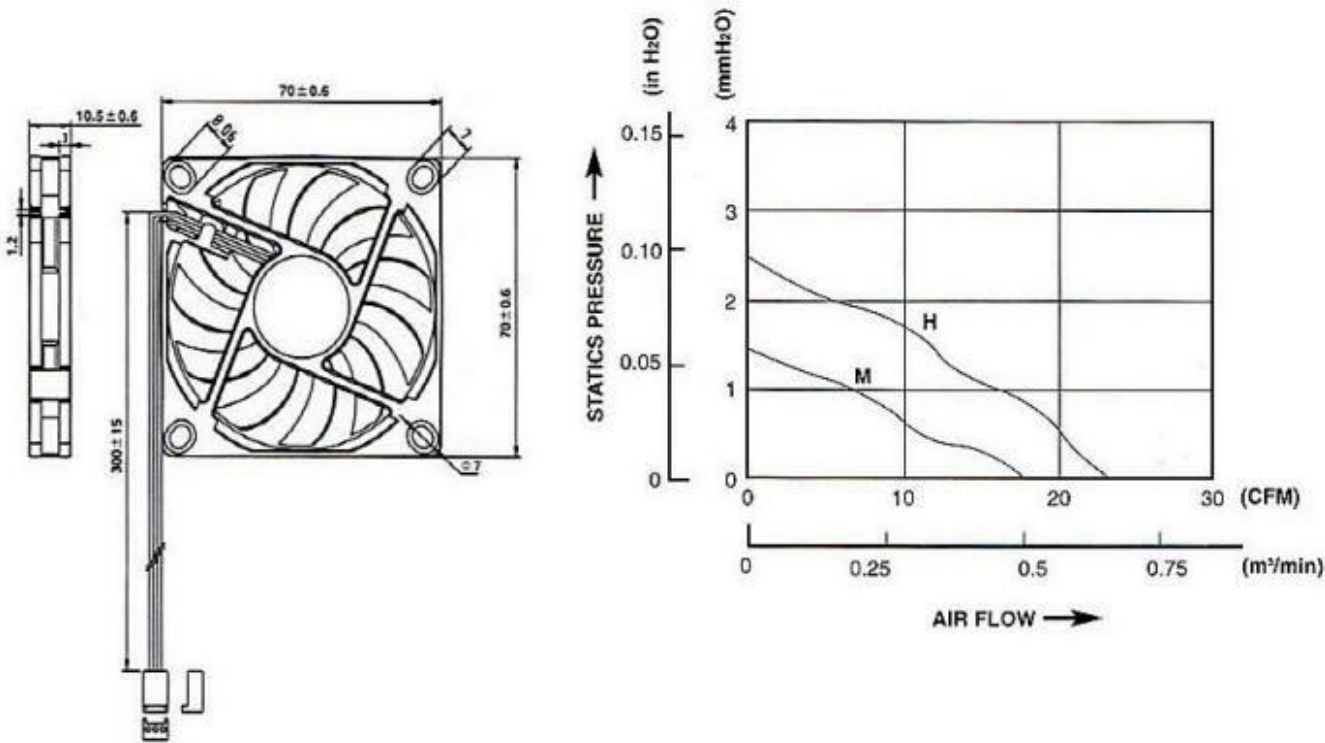


SIZE : 70X70X10mm(2.76”X2.76”X0.39”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : auto –restart option
frequency generator or rotation detection signal option
WEIGHT : 35 gram

70 x 70 x 10 mm

MODEL NO.	BEARING	VOLTAGE	VOLTAGE RANGE	CURRENT	INPUT POWER	SPEED	MAX.AIR FLOW		MAX.AIR PRESSURE		NOISE
		(VDC)	(V)	(A)	(W)		m³/min	CFM	mmH₂O	IN H₂O	
MF7010D05M	Ball	5	3.5-5.75	0.25	1.25	3200	0.507	17.931	1.471	0.058	33
MF7010D05H	Ball	5	3.5-5.75	0.35	1.75	3800	0.66	23.35	2.48	0.098	33
MF7010D1M	Ball	12	7-13.5	0.25	3	3200	0.507	17.931	1.471	0.058	33

※Reference only Specifications



MF 6025

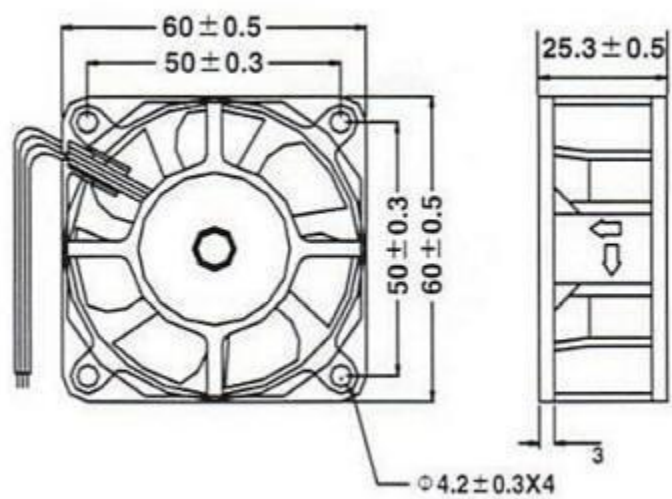


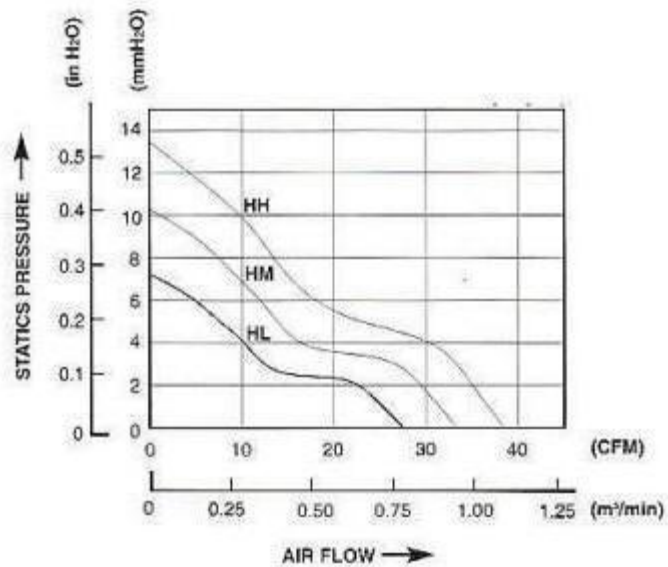
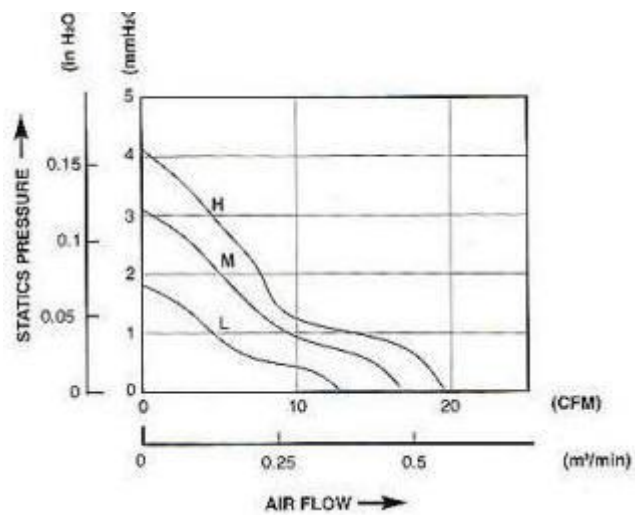
SIZE : 60X60X25mm(2.36”X2.36”X0.98”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 58 grams

60 x 60 x 25 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF6025D1L	Ball Sleeve	12(7-14)	0.13	1.56	3500	16.20	0.46	2.45	0.10	29.0
MF6025D1M	Ball Sleeve	12(7-14)	0.16	2.16	4000	18.50	0.52	3.41	0.13	32.5
MF6025D1H	Ball Sleeve	12(7-14)	0.25	3.00	4500	20.85	0.59	4.70	0.19	35.1
MF6025D1HH	Ball Sleeve	12(7-14)	0.32	3.84	5000	22.90	0.65	5.60	0.22	38.4
MF6025D2L	Ball Sleeve	24(15-27)	0.09	2.16	4000	18.50	0.52	3.41	0.13	32.5
MF6025D2M	Ball Sleeve	24(15-27)	0.13	3.12	4500	20.85	0.59	4.70	0.19	35.1
MF6025D2H	Ball Sleeve	24(15-27)	0.16	3.84	5000	22.90	0.65	5.60	0.22	38.4

※Reference only Specifications





MF 6020

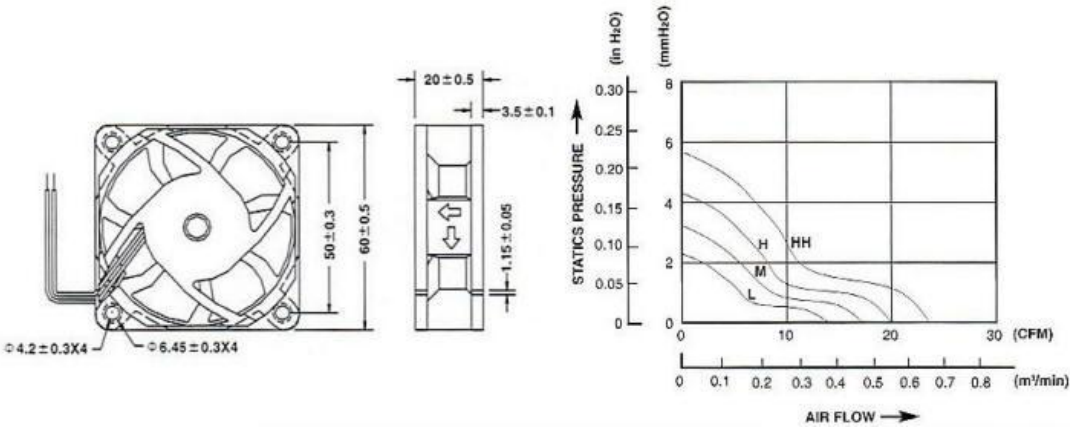


SIZE : 60X60X20mm(2.36”X2.36”X0.79”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 50 grams

60 x 60 x 20 mm

MODELvNO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF6020D1L	Ball Sleeve	12(7-14)	0.13	1.56	3600	20.60	0.58	3.54	0.14	27.0
MF6020D1M	Ball Sleeve	12(7-14)	0.15	1.80	4000	22.65	0.64	4.38	0.17	30.0
MF6020D1H	Ball Sleeve	12(7-14)	0.20	2.40	4800	27.30	0.77	6.30	0.25	36.0
MF6020D1HH	Ball Sleeve	12(7-14)	0.23	2.76	5200	29.47	0.83	7.42	0.29	38.0
MF6020D2L	Ball Sleeve	24(15-27)	0.07	1.68	3600	20.60	0.58	3.54	0.14	27.0
MF6020D2M	Ball Sleeve	24(15-27)	0.08	1.92	4000	22.65	0.64	4.38	0.17	30.0
MF6020D2H	Ball Sleeve	24(15-27)	0.10	2.40	4800	27.30	0.77	6.30	0.25	36.0
MF6020D2HH	Ball Sleeve	24(15-27)	0.12	2.88	5200	29.47	0.83	7.42	0.29	38.0

※Reference only Specifications



MF 6015

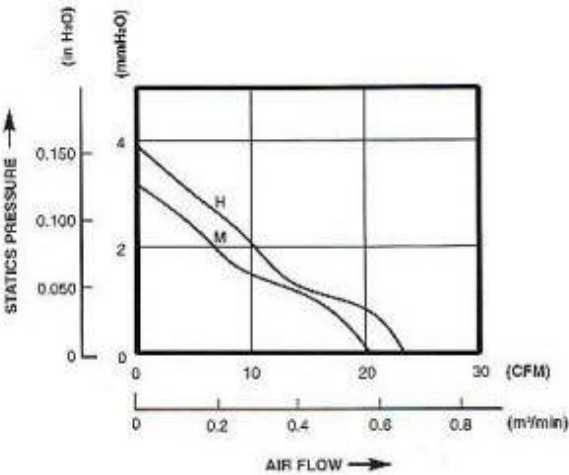
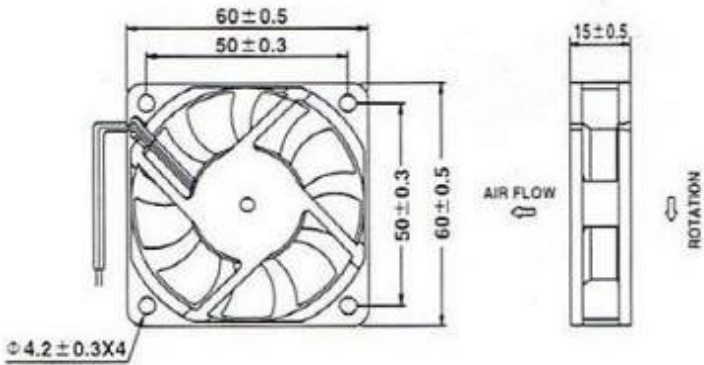


SIZE : 60X60X15mm(2.36”X2.36”X0.59”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c
Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC
(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 28 grams

60 x 60 x 15 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF6015D05M	Ball Sleeve	5(3.5-5.5)	0.20	1.00	3000	15.8	0.45	1.65	0.05	23.0
MF6015D05H	Ball Sleeve	5(3.5-5.5)	0.26	1.30	3500	17.9	0.51	2.20	0.09	26.0
MF6015D1L	Ball Sleeve	12(7-14)	0.14	1.68	3500	17.9	0.51	2.20	0.09	26.0
MF6015D1M	Ball Sleeve	12(7-14)	0.16	1.92	4000	21.7	0.61	2.79	0.11	30.0
MF6015D1H	Ball Sleeve	12(7-14)	0.20	2.40	4500	25.5	0.72	3.38	0.13	34.0
MF6015D2L	Ball Sleeve	24(15-27)	0.08	1.92	3500	17.9	0.51	2.20	0.09	26.0
MF6015D2M	Ball Sleeve	24(15-27)	0.10	2.40	4000	21.7	0.61	2.79	0.11	30.0
MF6015D2H	Ball Sleeve	24(15-27)	0.14	3.36	4500	21.7	0.61	2.79	0.11	34.0

※Reference only Specifications



MF 6010

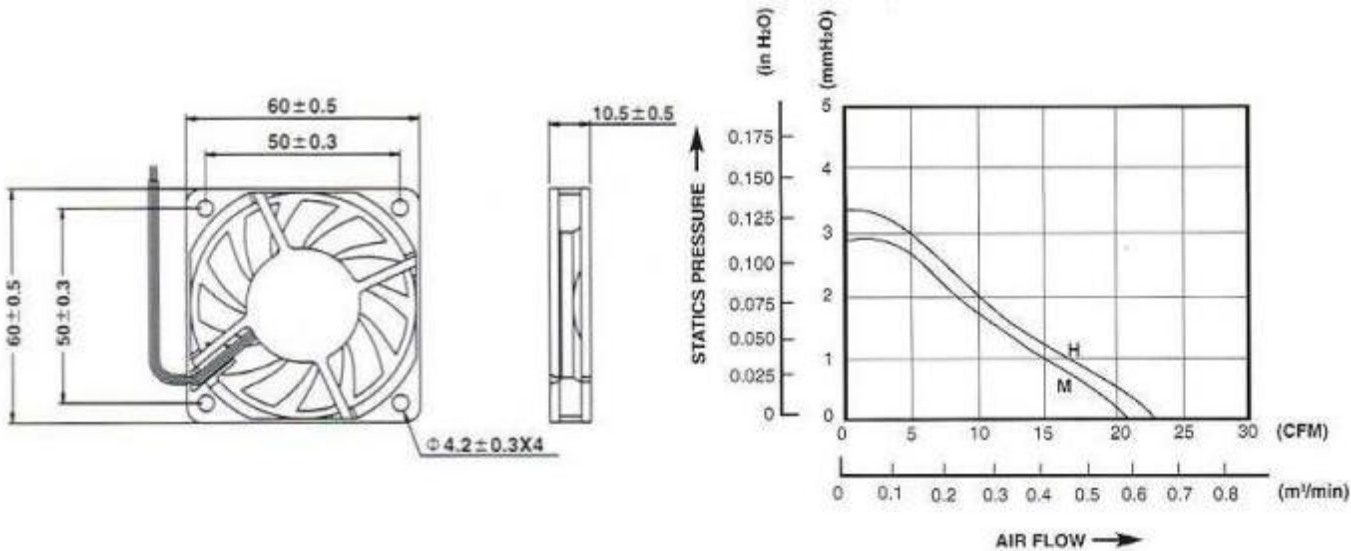


SIZE : 60X60X10mm(2.36”X2.36”X0.39”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC
(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 26 grams

60 x 60 x 10 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED	AIR FLOW		PRESSURE		NOISE
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF6010D05M	Ball Sleeve	5(3.5-5.5)	0.18	0.90	3000	11.95	0.34	2.03	0.08	21.5
MF6010D05H	Ball Sleeve	5(3.5-5.5)	0.26	1.30	3600	14.80	0.42	2.96	0.12	25.5
MF6010D1L	Ball Sleeve	12(7-14)	0.10	1.20	3000	11.95	0.34	2.03	0.08	21.5
MF6010D1M	Ball Sleeve	12(7-14)	0.15	1.80	3600	14.80	0.42	2.96	0.12	25.5
MF6010D1H	Ball Sleeve	12(7-14)	0.19	2.28	4200	17.59	0.50	3.97	0.16	29.5
MF6010D2M	Ball Sleeve	24(15-27)	0.07	1.68	3600	14.80	0.42	2.96	0.12	25.5
MF6010D2H	Ball Sleeve	24(15-27)	0.11	2.64	4200	17.59	0.50	3.97	0.16	29.5

※Reference only Specifications



MF 5015

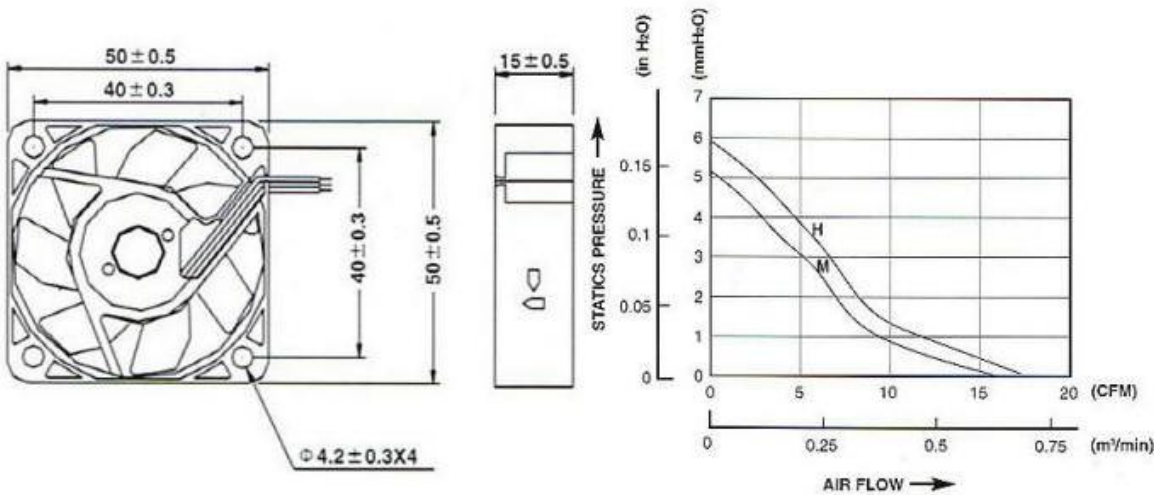


SIZE : 50X50X15mm(1.97”X1.97”X0.59”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC
(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 24 grams

50 x 50 x 15 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m ³ min	mmAq	IN H ₂ O	
MF5015D05M	Ball Sleeve	5(3.5-5.5)	0.12	0.60	3500	8.8	0.25	1.97	0.08	21.5
MF5015D05H	Ball Sleeve	5(3.5-5.5)	0.18	0.90	4500	11.2	0.32	3.28	0.13	27.8
MF5015D1L	Ball Sleeve	12(7-14)	0.06	0.72	3500	8.3	0.25	1.97	0.08	21.5
MF5015D1M	Ball Sleeve	12(7-14)	0.09	1.08	4500	11.2	0.32	3.28	0.13	27.8
MF5015D1H	Ball Sleeve	12(7-14)	0.14	1.68	5500	13.7	0.39	4.79	0.19	31.2
MF5015D1HH	Ball Sleeve	12(7-14)	0.19	2.28	6500	16.2	0.46	6.72	0.26	35.6
MF5015D2M	Ball Sleeve	24(15-27)	0.07	1.68	5500	13.7	0.39	4.79	0.19	31.2
MF5015D2H	Ball Sleeve	24(15-27)	0.10	2.40	6500	16.2	0.46	6.72	0.26	35.6

※Reference only Specifications



MF 5010

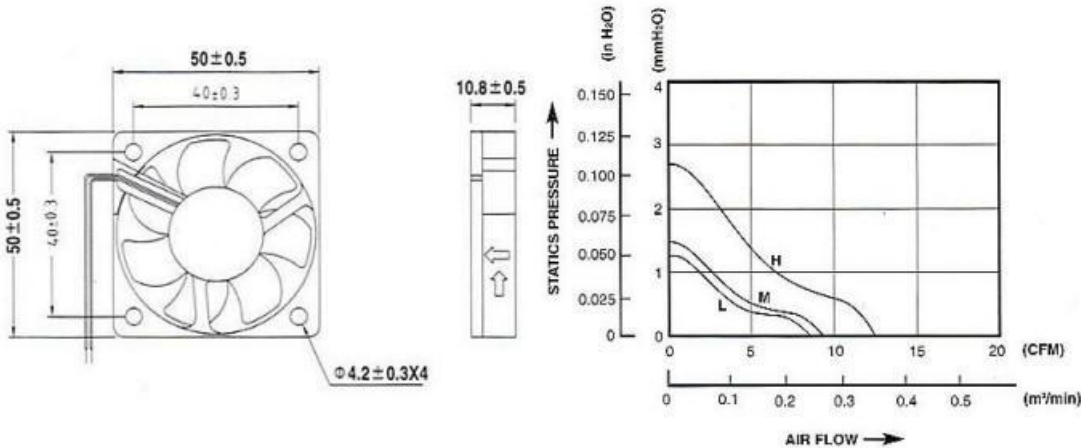


SIZE : 50X50X10mm(1.97”X1.97”X0.39”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC (between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 24 grams

50 x 50 x 10 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED (R.P.M)	AIR FLOW		PRESSURE		NOISE dB-A
		(VDC)	(A)	(W)		CFM	m³/min	mmAq	IN H₂O	
MF5010D05L	Ball Sleeve	5(3.5-5.5)	0.08	0.40	3500	7.20	0.20	1.28	0.05	19.0
MF5010D05M	Ball Sleeve	5(3.5-5.5)	0.17	0.85	4500	9.01	0.25	2.06	0.08	25.8
MF5010D05H	Ball Sleeve	5(3.5-5.5)	0.25	1.25	5500	11.05	0.31	2.97	0.12	31.8
MF5010D1L	Ball Sleeve	12(7-14)	0.05	0.58	3500	7.20	0.20	1.28	0.05	19.0
MF5010D1M	Ball Sleeve	12(7-14)	0.09	1.08	4500	9.01	0.25	2.06	0.08	25.8
MF5010D1H	Ball Sleeve	12(7-14)	0.13	1.56	5500	11.05	0.31	2.97	0.12	31.8
MF5010D1HH	Ball Sleeve	12(7-14)	0.16	1.92	6500	13.00	0.37	4.12	0.16	34.0
MF5010D2M	Ball Sleeve	24(15-27)	0.07	1.68	5500	11.05	0.31	2.97	0.12	31.8
MF5010D2H	Ball Sleeve	24(15-27)	0.10	2.40	6500	13.00	0.37	4.12	0.16	34.0

※Reference only Specifications



MF 4020

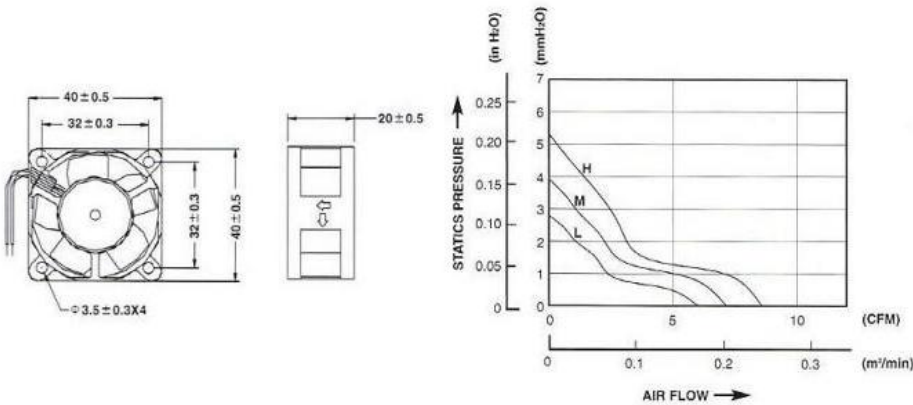


SIZE : 40X40X20mm(1.57”X1.57”X0.79”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve braring -10c to +70c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC (between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 24 grams

40 x 40 x 20 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED	AIR FLOW		PRESSURE		NOISE
		(VDC)	(A)	(W)	(R.P.M)	CFM	m³/min	mmAq	IN H₂O	dB-A
MF4020D05L	Ball Sleeve	5(3.5-5.5)	0.12	0.60	5200	6.3	0.18	2.79	0.11	17.5
MF4020D05M	Ball Sleeve	5(3.5-5.5)	0.17	0.85	6200	7.7	0.22	4.06	0.16	20.6
MF4020D05H	Ball Sleeve	5(3.5-5.5)	0.22	1.10	7200	8.9	0.25	5.33	0.21	24.8
MF4020D1L	Ball Sleeve	12(7-14)	0.06	0.72	5200	6.3	0.18	2.79	0.11	17.5
MF4020D1M	Ball Sleeve	12(7-14)	0.08	0.96	6200	7.7	0.22	4.06	0.16	20.6
MF4020D1H	Ball Sleeve	12(7-14)	0.12	1.44	7200	8.9	0.25	5.33	0.21	24.8
MF4020D1HH	Ball Sleeve	12(7-14)	0.18	2.16	8200	10.8	0.31	6.86	0.27	26.8
MF4020D2L	Ball Sleeve	24(15-27)	0.04	0.96	6200	7.7	0.22	4.06	0.16	20.6
MF4020D2M	Ball Sleeve	24(15-27)	0.06	1.44	7200	8.9	0.25	5.33	0.21	24.8
MF4020D2H	Ball Sleeve	24(15-27)	0.09	2.16	8200	10.8	0.31	6.86	0.27	26.8

※Reference only Specifications



MF 4010

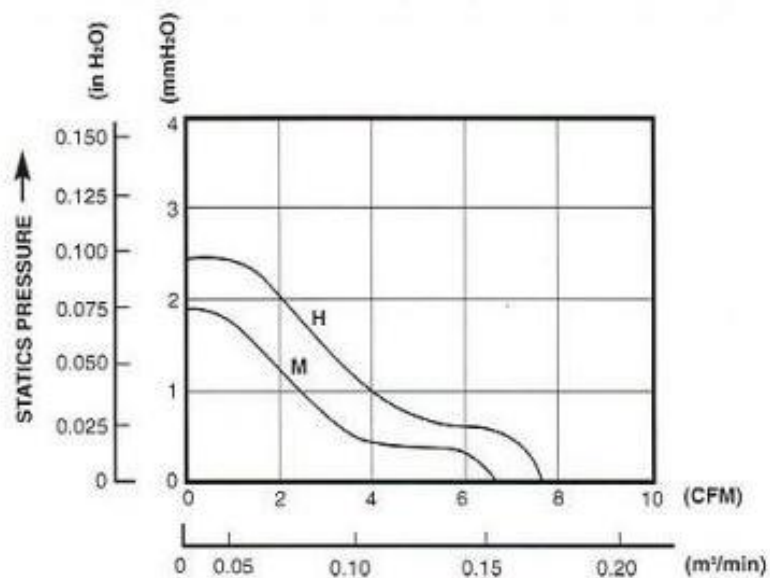
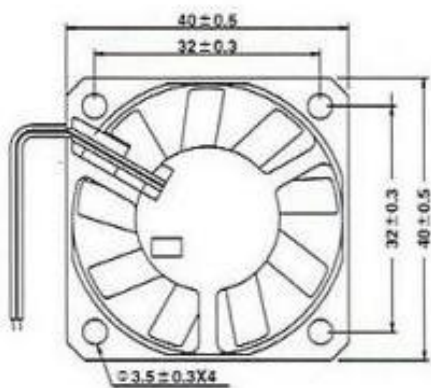
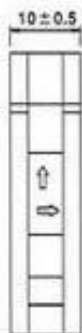


SIZE : 40X40X10mm(1.57”X1.57”X0.39”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE :
Ball bearing -30c to +75c Sleeve bearing -10c to +70c
INSTULATION RESISTANCE :
10 meg Ohm min. at 500VDC (between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
FUNCTION : frequency generator or rotation detection signal
option
WEIGHT : 12 grams

40 x 40 x 10 mm

MODEL NO.	BEARING	VOLTAGE	CURRENT	INPUT POWER	SPEED	AIR FLOW		PRESSURE		NOISE
		(VDC)	(A)	(W)	(R.P.M)	CFM	m³/min	mmAq	IN H₂O	dB-A
MF4010D05L	Ball Sleeve	5(3.5-5.5)	0.11	0.55	4500	4.95	0.14	1.85	0.07	21.0
MF4010D05M	Ball Sleeve	5(3.5-5.5)	0.16	0.80	5500	6.03	0.17	2.83	0.11	24.0
MF4010D05H	Ball Sleeve	5(3.5-5.5)	0.19	0.95	6500	7.10	0.20	3.92	0.15	28.2
MF4010D05HH	Ball Sleeve	5(3.5-5.5)	0.24	1.20	7500	8.27	0.23	5.37	0.21	31.8
MF4010D1L	Ball Sleeve	12(7-14)	0.05	0.60	4500	4.95	0.14	1.85	0.07	21.0
MF4010D1M	Ball Sleeve	12(7-14)	0.07	0.84	5500	6.03	0.17	2.83	0.11	24.0
MF4010D1H	Ball Sleeve	12(7-14)	0.11	1.32	7500	8.27	0.23	5.37	0.21	31.8
MF4010D1HH	Ball Sleeve	12(7-14)	0.11	1.32	8000	8.68	0.25	5.93	0.23	33.1
MF4010D2L	Ball Sleeve	24(15-27)	0.04	0.96	5500	6.03	0.17	2.83	0.11	24.0
MF4010D2M	Ball Sleeve	24(15-27)	0.06	1.44	6500	7.10	0.20	3.92	0.15	28.2
MF4010D2H	Ball Sleeve	24(15-27)	0.07	1.68	7500	8.27	0.23	5.37	0.21	31.8
MF4010D2HH	Ball Sleeve	24(15-27)	0.07	1.68	8000	8.68	0.25	5.93	0.23	33.1

※Reference only Specifications



MF 4007

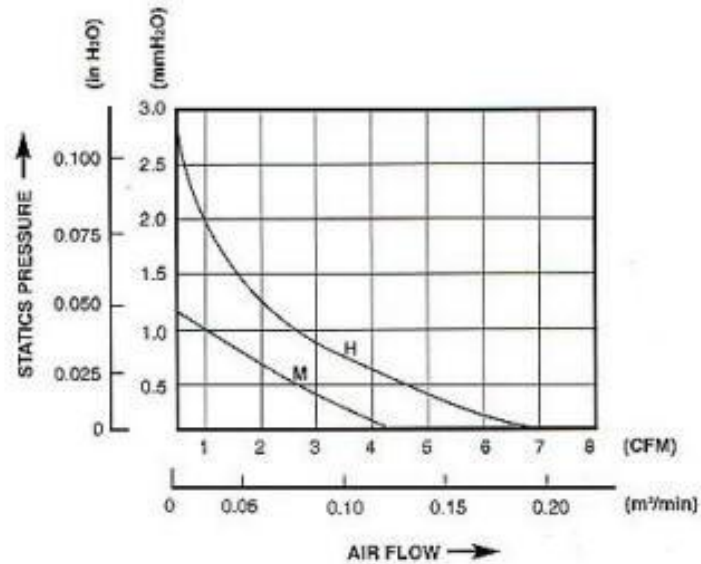
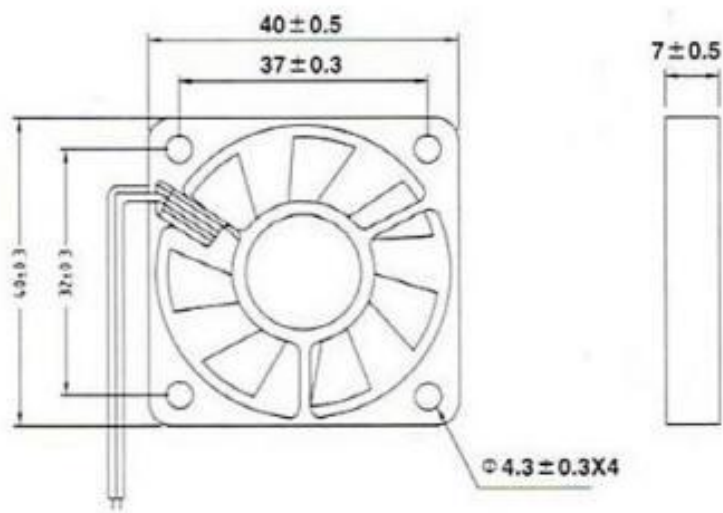


SIZE : 40X40X7mm(1.57”X1.57”X0.28”)
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE : Ball bearing -30c to +75c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC (between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
WEIGHT : 5 grams

40 x 40 x 7 mm

MODELNO.	BEARING	VOLTAGE	VOLTAGE RANGE	CURRENT	INPUT POWER	SPEED	MAX.AIR FLOW		MAX.AIR PRESSURE		NOISE
		(VDC)	(V)	(A)	(W)	(R.P.M)	m ³ min	CFM	mmH ₂ O	INH ₂ O	dB-A
MF4007D05M	Ball	5	4.5-5.7	0.12	0.60	5500	0.117	4.16	1.14	0.045	22
MF4007D05H	Ball	5	4.5-5.7	0.15	0.75	6500	0.167	6.70	2.70	0.084	28
MF4007D1H	Ball	12	10.2-13.8	0.15	1.80	7500	0.173	6.91	2.79	0.087	29

※Reference only Specifications



MF 2507



SIZE : 25X25X7mm(0.98"X0.98"X0.28")
CONSTRUCTION :
Glass fiber reinforced plastic :
Impeller and housing PBT are UL 94V-0 rating
OPERATING TEMPERATURE : Ball bearing -30c to +75c
INSTULOATION RESISTANCE :
10 meg Ohm min. at 500VDC(between frame and terminal)
DIELECTRIC STRENGTH :
5 mA max. at 500 VAC 60Hz one minute
(between frame and terminal)
WEIGHT : 5 grams

25 x 25 x 7 mm

MODEL NO.	BEARING	VOLTAGE	VOLTAGE	CURRENT	INPUT POWER	SPEED	MAX.AIR FLOW		MAX.AIR PRESSURE		NOISE
		(VDC)	(V)	(A)	(W)	(R.P.M)	m³min	CFM	mmH₂O	IN H₂O	dB-A
MF2507D05H	Ball	5	4.5-5.7	0.08	0.40	12000	0.06	2.12	2.17	0.085	31
MF2507D1H	Ball	12	10.2-13.8	0.08	0.96	16000	0.08	2.83	2.89	0.113	41

※Reference only Specifications

