

# DC Fan - Sample Model



## Fluid Dynamic Bearing (FDB)

### General Specification

Dielectric Strength	5 mA Max at 500VAC 60Hz 1 minute
Operating Temperature	at -40°C ~ +90°C
Lead Wire	UL 1007
Life Expectance	100000 Hrs @ 60°C
Bearing Type	Fluid Dynamic Bearing



### Standard Specification

Dimension (mm)	Operating Voltage (V)	Maximum Air Flow		Maximum Air Pressure		Speed (rpm)	Rated Current (A)	Input Power (W)	Weight (g)
		(CMM)	(CFM)	(mmAq)	(inchAq)				
50x50x20	12/24	0.564	19.95	9.96	0.392	4000-7000	0.06-0.24	1.08-4.80	57
60x60x25	5/12/24/48	1.135	40.08	15.03	0.592	3000-7500	0.05-0.38	1.10-8.64	60
70x70x20	12/24	1.14	40.26	5.81	0.228	2500-4300	0.11-0.43	1.68-5.76	64
70x70x25	12/24	1.274	45.01	9.46	1.265	2500-5400	0.11-0.43	1.44-6.00	74
80x80x15	12/24	1.091	38.55	4.98	0.196	2400-4000	0.10-0.35	1.20-5.52	54
80x80x25	5/12/24/48	2.211	78.05	13.5	0.531	2100-6000	0.12-0.66	1.44-11.40	82
92x92x25	12/24/48	2.267	80.08	7.96	0.313	2100-4200	0.15-0.54	1.80-7.83	90
92x92x38	12/24	2.901	102.45	14.01	0.551	3200-4800	0.35-1.00	4.20-12.00	240
36x36x08	5	0.14	5.03	7.34	0.29	3500-5000	0.17-0.33	0.85-1.65	9
42x42x09	5	0.156	5.53	6.59	0.259	2500-3500	0.16-0.32	0.60-0.90	11



# DC Fan - Sample Model



## Rifle & Ball Bearing

### General Specification

Dielectric Strength	5 mA Max at 500VAC 60Hz 1 minute
Operating Temperature	at -10°C ~ +70°C
Lead Wire	UL 1007
Life Expectance	Rifle: 70000 Hrs @ 40°C
	Ball: 70000 Hrs @ 40°C
Bearing Type	Rifle; Dual-Ball



### Standard Specification

Dimension (mm)	Operating Voltage (V)	Maximum Air Flow		Maximum Air Pressure		Speed (rpm)	Rated Current (A)	Input Power (W)	Weight (g)
		(CMM)	(CFM)	(mmAq)	(inchAq)				
30x30x10	5/12	0.106	3.77	5.01	0.197	8000-10000	0.06-0.20	0.72-1.20	8
38x38x20	12/24	0.4	14.13	21	0.826	9000-15000	0.10-0.40	1.92-7.92	31
38x38x28	12/24	0.509	18	21.8	0.858	7500-13000	0.11-0.25	1.92-6.00	38
40x40x10	5/12/24	0.234	8.27	5.92	0.233	4600-8200	0.06-0.38	0.75-2.40	14
40x40x15	5/12/24	0.307	10.86	10.16	0.399	5400-9500	0.08-0.36	0.90-3.12	19
40x40x20	5/12/24	0.351	12.41	12.23	0.481	4800-10000	0.07-0.43	1.08-3.84	27
40x40x28	5/12/24	0.654	23.11	23.3	0.917	8000-11000	0.12-0.55	1.00-6.60	39
40x50x32	12/24	0.531	18.76	13.16	0.518	7500-9500	0.15-0.47	3.60-6.00	44
45x45x10	5/12/24	0.27	9.56	4.03	0.158	4400-6500	0.07-0.25	0.60-2.40	15
50x50x10	5/12/24	0.353	12.47	4.32	0.127	3500-6200	0.07-0.35	0.90-2.40	20
50x50x15	12	0.666	23.52	12.65	0.498	4000-9000	0.08-0.29	0.96-2.45	31
50x50x20	12/24	0.564	19.95	9.96	0.392	4000-7000	0.06-0.30	1.08-4.80	57
60x60x10	5/12/24	0.61	21.65	4.85	0.19	3000-5400	0.08-0.35	0.80-5.28	27
60x60x15	12/24	0.785	27.73	7.1	0.279	3000-5800	0.10-0.43	1.44-7.20	38
60x60x20	12/24	0.707	24.98	9.52	0.374	3500-6300	0.10-0.38	1.56-5.28	48
60x60x25	5/12/24/48	1.135	40.08	15.03	0.592	3000-7500	0.05-0.38	1.10-8.64	60
60x60x38	12	1.442	50.95	21.5	0.846	5000-8000	0.18-0.95	4.20-12.00	112
70x70x15	12/24	1.091	38.56	8.85	0.348	2200-5600	0.10-0.58	1.20-6.96	48
70x70x20	12/24	1.14	40.26	5.81	0.228	2500-4300	0.08-0.43	1.68-5.76	64
70x70x25	12/24	1.271	44.91	9.1	0.358	2500-5400	0.09-0.43	1.44-6.00	74
80x80x15	12/24	1.091	38.55	4.98	0.196	2400-4000	0.08-0.35	1.20-5.52	54
80x80x20	12/24	1.322	16.69	6.33	0.249	2500-4300	0.10-0.48	1.80-6.72	60
80x80x25	5/12/24/48	2.211	78.05	13.5	0.531	2100-6000	0.08-0.66	1.40-11.52	82
80x80x38	12/24	2.527	89.27	17.4	0.685	3400-5700	0.20-1.20	4.80-12.96	220
92x92x25(A)	12/24/48	2.037	71.79	6.7	0.263	2100-3800	0.12-0.54	1.80-12.00	90
92x92x25(B)	12	2.466	87.12	8.63	0.339	2100-4200	0.15-0.54	1.80-6.48	91
92x92x25(C)	12	2.205	77.83	7.73	0.304	3200-4100	0.41-0.54	4.92-6.48	89
92x92x38	12/24	2.901	102.45	14.01	0.551	3200-4800	0.18-1.00	4.20-12.00	240
120x120x25	12/24/48	3.29	116.21	6.58	0.259	1800-2400	0.12-0.90	3.60-14.40	180
120x120x38	12/24/48	4.23	149.41	7.66	0.301	1400-3000	0.13-0.80	2.40-18.72	250

