



AC Fan - Sample Model

Ball Bearing and Sleeve Bearing

General Specification

Operation Voltage:	±10% of rated voltage
Storage Temperature	-40°C ~ +80°C @ 65% relative humidity
Insulation Resistance	100 Mohm min. @DC 500V
Life Expectance	AC 1500V for 3 sec. (<0.5mA allowable, between lead and frame)
Noise	Measured at rated voltae at 1 meter distance in an Anechoic, with a background noise 16dBA max
Vibration	JIS C0041 Amplitude 1.5mm, frequency 10-55Hz, 1hr per axis:X,Z,Y
Shock	JIS C0041 Acceleration 100G, duration 6ms per axis:X,Z,Y
Life Expectance	ball bearing 50000hrs@250C±250C, 65%±20% relative humidity continuous operation
	Sleeve bearing: 30000hrs@25 ⁰ C±25 ⁰ C, 65%±20% relative humidity continuous operation
Safety	Designed to meet UL, CUL, TUV and CE certification
Insulation	Class B
Motor Speed Options	Low speed, middle speed, high speed and ultra-high speed.
Blade Options	7 blade, 5 blade
Motor type	Capacitor-run induction motor & shaed pole induction motor
Bearing System	Ball bearing and sleeve bearing



Standard Specification

Dimension (mm)	Bearing System	Operating Voltage	Freq.	Current	Maximum Power	Maximum Speed	Maximum Air Flow		Noise	Weight
		(V)	(Hz)	(A)	(W)	(rpm)	(M ³ /hr)	(CFM)	(dBA)	(g)
60x60x30	Sleeve	100-125, 220-240	50/60	0.020-0.042	5	3100	17.5	10.3	27-28	145
	Ball	100-125, 220-240	50/60	0.020-0.042	5	3100	17.5	10.3	27-28	145
80x80x25	Sleeve	100-125, 220-240	50/60	0.07-0.14	19	3000	44	26	21-29	208, 260
	Ball	100-125, 220-240	50/60	0.07-0.14	19	3350	51	30	23-27	208, 260
80x80x38	Sleeve	100-125, 220-240	50/60	0.05-0.12	15	3250	51	30	24-29	340, 350
	Ball	100-125, 220-240	50/60	0.05-0.12	15	3450	54	32	24-31.5	340, 350
92x92x25	Sleeve	100-125, 220-240	50/60	0.07-0.16	18	2850	80	47	20-31	240, 280
	Ball	100-125, 220-240	50/60	0.07-0.16	18	3200	85	50	22-34	240, 280
92x92x38	Sleeve	100-125, 220-240	50/60	0.05-0.23	17	3200	90	53	25-35	350, 380
	Ball	100-125, 220-240	50/60	0.05-0.23	17	3350	95	56	26-36	350, 380
120x120x25	Sleeve	100-125, 220-240	50/60	0.05-0.16	20	2900	150	90	31-42	370
	Ball	100-125, 220-240	50/60	0.05-0.16	20	3350	175	103	31-46	370
120x120x38	Sleeve	100-125, 220-240	50/60	0.08-0.3	29	3200	214	126	35-50	150 504 540 560
	Ball	100-125, 220-240	50/60	0.08-0.3	29	3400	221	130	35-49	150 504 540 560 620

