

● GENERAL

Cooling fans are designed to solve thermal management challenges, as excessive temperature is the biggest cause of equipment failures, and as chip speed and device density increases, thermal management is becoming a key challenge. Cooling fans can help.

● REFERENCE STANDARDS

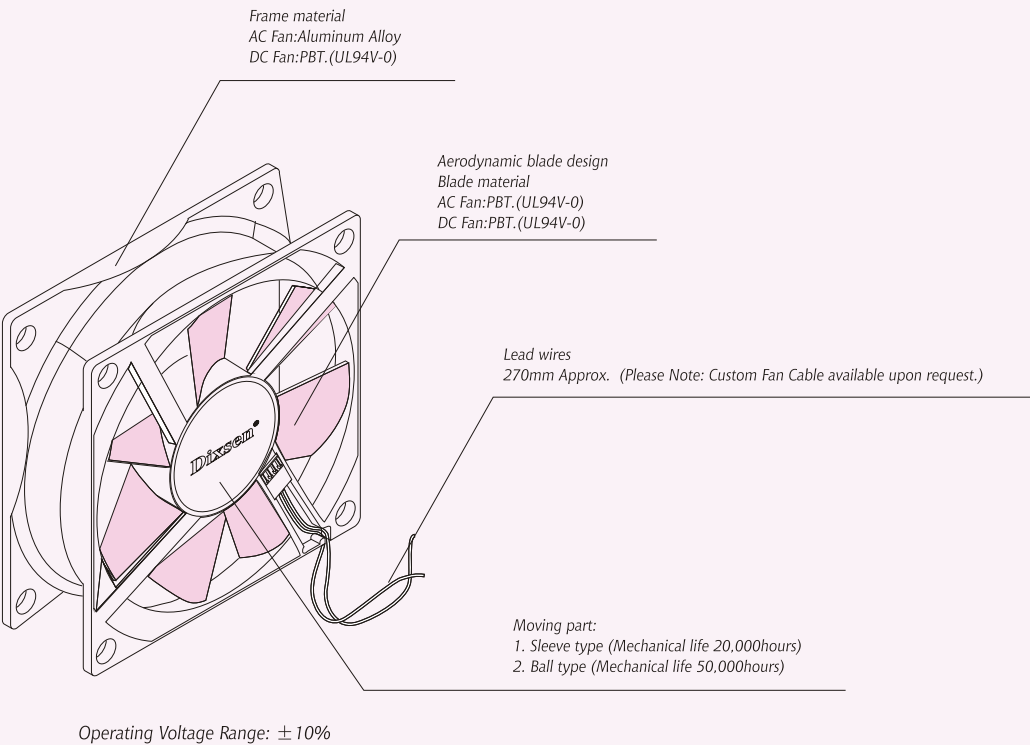
EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3

● OPERATING TEMPERATURE

-10℃ ~ 70℃ (65%RH)

● WHAT IS THE COOLING FAN

Cooling fan is a device that generates airflow by using a motor to rotate blades. They are essential in the smooth operation of many sophisticated machines, such as electronic equipment for ventilation and cooling. Cooling fan has the performance and reliability to support various commercial and industrial air moving requirements.



● SELECTION OF COOLING FAN

It's important to select Cooling Fan for the right applications, larger frame size and higher fan speed generally increase airflow, but since higher speed also creates more pressure and noise, the optimum selection will depend on a balance between space available and acceptable noise levels. It is worth noting, however, that it can be difficult to achieve high reliability within the smallest of frame sizes not least because of the lack of space for adequately sized ball bearings. The thickness of the fan determines its pressure capability. All other things being equal selecting a thicker, and so higher pressure rated fan will normally deliver more airflow against a given system pressure and this may be a more practical alternative for increasing the effective cooling than fitting a higher speed or a larger framed fan. Available in AC and DC axial fans, Fans can be provided for a wide range of voltages, DC fans are available in selected 12, 24 volt versions. All AC products are offered in 115 and 230 volt versions and compatible with either 50Hz or 60Hz power sources. The DC Fan size 80X80X25(mm) is the solution for your server, PC and storage cooling needs.

● DC BRUSHLESS

Ref.	Model	Current (A)	Power (W)	Speed (RPM)	Air Flow CFM/CMM	Case Qty. (Pcs)	Item Code
	FD40-10L/S	0.07	0.84	5000	3.67/0.10	500	4010012
	FD40-10M/S	0.08	0.96	6000	4.65/0.13	500	4010112
	FD40-10H/S	0.09	1.08	7000	5.46/0.15	500	4010212
	FD40-10L/B	0.06	1.44	5000	3.67/0.10	500	4010024
	FD40-10M/B	0.07	1.68	6000	4.65/0.13	500	4010124
	FD40-10H/B	0.09	2.16	7000	5.46/0.15	500	4010224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

FD40-14L/S	0.08	0.96	4000	6.60/0.19	500	4015012
FD40-14M/S	0.10	1.20	7000	7.96/1.20	500	4015112
FD40-14H/S	0.12	1.44	8000	9.10/0.26	500	4015212
FD40-14L/B	0.08	1.92	6000	6.60/0.19	500	4015024
FD40-14M/B	0.10	2.40	7000	7.96/0.22	500	4015124
FD40-14H/B	0.12	2.88	8000	9.10/0.26	500	4015224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

FD40-20L/S	0.06	0.72	5000	5.60/0.16	500	4020012
FD40-20M/S	0.10	1.20	6000	6.93/0.20	500	4020112
FD40-20H/S	0.12	1.44	7500	8.59/0.24	500	4020212
FD40-20L/B	0.06	1.44	5000	5.60/0.16	500	4020024
FD40-20M/B	0.07	1.68	6000	6.93/0.20	500	4020124
FD40-20H/B	0.08	1.92	7500	8.59/0.24	500	4020224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

FD50-10L/S	0.07	0.84	4000	7.80/0.22	500	5010012
FD50-10M/S	0.08	0.96	4500	8.66/0.25	500	5010112
FD50-10H/S	0.10	1.20	5000	10.06/0.29	500	5010212
FD50-10L/B	0.06	1.44	4000	7.80/0.22	500	5010024
FD50-10M/B	0.07	1.68	4500	8.66/0.25	500	5010124
FD50-10H/B	0.10	2.40	5000	10.06/0.29	500	5010224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

RD60-15L/S	0.12	1.44	3500	15.86/0.45	500	6015012
RD60-15M/S	0.13	1.56	4000	17.49/0.50	500	6015112
RD60-15H/S	0.20	2.40	4500	18.68/0.53	500	6015212
RD60-15L/B	0.08	1.92	3500	15.86/0.45	500	6015024
RD60-15M/B	0.09	2.16	4000	17.49/0.50	500	6015124
RD60-15H/B	0.10	2.40	4500	18.68/0.53	500	6015224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

Ref.	Model	Current (A)	Power (W)	Speed (RPM)	Air Flow CFM/CMM	Case Qty.(Pcs)	Item Code
	RD60-20L/S	0.08	0.96	2500	8.630/0.25	250	6020012
	RD60-20M/S	0.12	1.44	3300	11.86/0.35	250	6020112
	RD60-20H/S	0.16	1.92	4000	14.55/0.41	250	6020212
	RD60-20L/B	0.10	2.40	3500	12.73/0.36	250	6020024
	RD60-20M/B	0.14	3.36	4000	14.55/0.41	250	6020124
	RD60-20H/B	0.16	3.84	4500	16.40/0.46	250	6020224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

60×60×20



60×60×25



80×80×25



92×92×25



RD60-25L/S	0.08	0.96	2500	10.55/0.30	250	6025012
RD60-25M/S	0.10	1.20	3300	13.90/0.40	250	6025112
RD60-25H/S	0.14	1.68	4000	16.60/0.48	250	6025212
RD60-25L/B	0.08	1.92	2500	10.55/0.30	250	6025024
RD60-25M/B	0.12	2.88	4000	13.90/0.40	250	6025124
RD60-25H/B	0.14	3.36	4500	19.00/0.54	250	6025224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

RD80-25L/S	0.10	1.20	2000	21.60/0.61	100	8025012
RD80-25M/S	0.12	1.44	2400	25.92/0.74	100	8025112
RD80-25H/S	0.20	2.40	3000	32.40/0.92	100	8025212
RD80-25L/B	0.10	2.40	2200	23.76/0.67	100	8025024
RD80-25M/B	0.12	2.88	2600	28.10/0.80	100	8025124
RD80-25H/B	0.16	3.84	3000	32.40/0.92	100	8025224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

RD92-25L/S	0.16	1.92	2000	25.48/0.72	100	9225012
RD92-25M/S	0.20	2.40	2500	30.92/0.88	100	9225112
RD92-25H/S	0.23	2.76	2800	34.06/0.96	100	9225212
RD92-25L/B	0.12	2.88	2000	25.48/0.72	100	9225024
RD92-25M/B	0.15	3.60	2450	30.02/0.85	100	9225124
RD92-25H/B	0.20	4.80	2800	34.06/0.96	100	9225224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

RD120-25L/S	0.24	2.64	1800	50.60/1.43	80	2025012
RD120-25M/S	0.33	3.96	2050	61.38/1.70	80	2025112
RD120-25H/S	0.37	4.44	2200	72.64/1.90	80	2025212
RD120-25L/B	0.14	3.36	1800	50.60/1.43	80	2025024
RD120-25M/B	0.17	4.08	2050	61.38/1.70	80	2025124
RD120-25H/B	0.19	4.56	2200	72.64/1.90	80	2025224

Note: Please mention the voltage when ordering. Our standard DC Voltages are 12VDC and 24VDC. Other else upon request. S means sleeve type, B means Ball type.

● AC. AXIAL

Ref.	Model	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow CFM/CMM	Case Qty.(Pcs)	Item Code
	RC80-25M/S	60	0.13	11	2800	21/5.9	50	8025160
	RC80-25M/B	60	0.07	11	2800	21/5.9	50	8025260

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

80×80×25



80×80×38



92×92×25



110×110×25



120×120×25

RC80-38M/S	60	0.13	6.8	2700	29.8/0.84	50	8038160
RC80-38M/B	60	0.06	6.8	2700	29.8/0.84	50	8038260

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

RC92-25M/S	60	0.13	12	2700	27/0.76	50	9225160
RC92-25M/B	60	0.07	11	2700	27/0.76	50	9225260

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

RC110-25M/S	60	0.15	16	2400	52/1.47	50	1102516
RC110-25M/B	60	0.09	17	2400	52/1.47	50	1102526

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

RC120-25M/S	50	0.23	17	2100	61/1.72	50	1202525
RC120-25M/B	50	0.10	18	2100	61/1.72	50	1202545

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

Ref.	Model	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow CFM/CMM	Case Qty.(Pcs)	Item Code
	RC120-38M/S	60	0.23	20	2900	108/3.05	40	1203816
	RC120-38M/B	60	0.12	20	2900	108/3.05	40	1203826

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

120×120×38



135×135×38

RC135-38M/S	50	0.16	25	2350	92/2.60	40	1353815
RC135-38M/B	50	0.16	25	2350	92/2.60	40	1353825

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.



150×150×51

RC150-51M/S	50	0.20	25	2500	180/3.06	30	1505115
RC150-51M/B	50	0.20	25	2500	180/3.06	30	1505125

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.



150×170×52

RC150-52M/S	60	0.25	40	2800	201/5.7	30	1505216
RC150-52M/B	60	0.25	40	2800	201/5.7	30	1505226

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.



172×51

RC172-51M/S	60	0.22	35	2700	205/5.80	30	1725115
RC172-51M/B	60	0.22	35	2700	205/5.80	30	1725126

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

Ref.	Model	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow CFM/CMM	Case Qty.(Pcs)	Item Code
	RC180-60L/S	50	0.35	50	2500	255/7.22	10	1806015
	RC180-60L/B	50	0.35	55	2500	255/7.22	10	1806025

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.

180×180×60



200×200×60

RC200-60L/S	50	0.45	70	2500	285/8.07	10	2006015
RC200-60L/B	50	0.45	70	2500	285/8.07	10	2006025

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.



220×60

RC220-60L/S	50	0.45	70	2500	285/8.07	10	2006035
RC220-60L/B	50	0.45	70	2500	285/8.07	10	2006045

Note: Please mention the voltage when ordering. Our standard AC voltages are 115VAC and 230VAC. Other else upon request. S means Sleeve type, B means Ball type.