



General Specifications

Allowable Ambient Temperature Range:

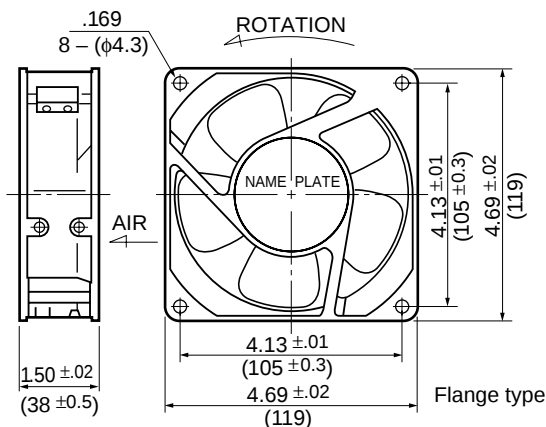
- 10°C ~ +70°C (Operating)
- 40°C ~ +70°C (Storage)
- (non-condensing environment)

Motor Structure: Shaded Pole Induction Motor

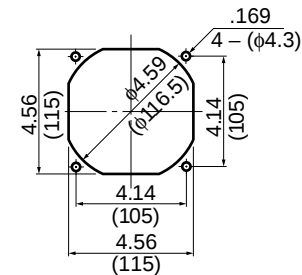
Motor Protection: Impedance Protection

Outline

Units: $\frac{\text{inch}}{(\text{mm})}$



Panel Cut-outs



INLET SIDE / OUTLET SIDE

Material

- Casing : Aluminum Alloy
- Impeller : UL94V-O Reinforced Plastic
- Bearing : Ball Bearings
- Lead Wire: AWG22, UL3266, CSA CL1252
- or Terminal: Faston #110 or equivalent

Specifications

MODEL	Rated Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(Hz)	(V)	(A)*1	(W) ^{+10% -20%}	(min ⁻¹)*2	CFM*2	(m ³ /min)*2	in H ₂ O	(Pa)*2	(dB)*2	(g)
4715FS-12T-B00-D00	115	60	75	0.090	7.5	1700	60.0	1.70	.08	20.0	31	550
4715FS-12T-B10-D00	115	60	75	0.110	10.0	1900	70.0	1.98	.12	30.0	33	550
4715FS-12T-B20-D00	115	60	75	0.100	9.8	2300	80.0	2.25	.13	32.5	36	550
4715FS-12T-B30-D00	115	60	75	0.180	14.5	2650	90.0	2.50	.22	55.0	39	550
4715FS-12T-B40-D00	115	60	75	0.170	14.0	2800	100.0	2.80	.29	72.5	42	550
4715FS-12T-B50-D00	115	60	75	0.190	14.4	3100	110.0	3.10	.37	92.5	45	550
4715FS-23T-B00-D00	230	60	175	0.030	5.5	1600	55.0	1.50	.07	17.5	55	550
4715FS-23T-B10-D00	230	60	175	0.050	9.0	1900	70.0	1.98	.12	30.0	70	550
4715FS-23T-B20-D00	230	60	175	0.050	8.8	2300	80.0	2.25	.13	32.5	80	550
4715FS-23T-B30-D00	230	60	175	0.090	12.0	2650	90.0	2.50	.22	55.0	90	550
4715FS-23T-B40-D00	230	60	175	0.090	14.0	3300	100.0	2.80	.28	70.0	100	550
4715FS-23T-B50-D00	230	60	175	0.080	14.0	3100	110.0	3.10	.37	92.5	110	550

Rotation: Counterclockwise

Airflow Outlet: Air In Over Struts

*1: Maximum Values in Free Air

*2: Average Values in Free Air



CLOSE

PART NUMBERING SYSTEM

[Product Code](#) / [Flange Type/Rib Type](#) / [Tornado Blower Fan Series Part Numbering System](#)

PRODUCT CODE

24 10 M L - 04 W - B 10 - P 00

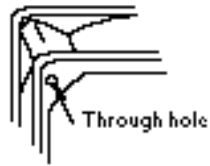
- 00 Standard type
- 01 - 99 Special type:
 - Custom feature OR
 - Sensor Output
 - If 3-lead wire Sensor
 - Output fan:
 - 00: Locked Rotor Alarm
 - Signal Standard
 - 01-49: Locked Rotor Alarm
 - Signal Special
 - 50: Speed Alarm Signal
 - Standard
 - 51-99: Speed Alarm Signal
 - Special
- A, L RIB type DC fan††
- D, P FLANGE type DC fan
(All AC fans are FLANGE type)
- 0 Standard type DC and all AC fans
- 9 Sensor output type - Final suffix must be completed to describe type of output
- 8 2-speed type
- 7 Temperature detecting variable speed type – P60 or PS0
- 6 Temperature detecting variable speed/sensor type
- 5 2-speed/sensor type
- 1 < 2 < 3 < 4 < 5 < 6 Air quantity
- B Ball bearing
- W Lead wire type
- T Terminal type (Faston .110)
- Input Voltage
 - 01:5VDC, 04:12VDC,
 - 05:24VDC, 07:48VDC,
 - 12:115VAC, 23:230VAC
- L Brushless type DC
- S Shaded Pole AC
- C Capacitor-run AC
- Series
 - P, F, M, N, or K –
 - (F is reverse air flow model)
- Frame Thickness
 - 6 (15), 8 (20), 10 (25),
 - 12 (30), 15 (38),
 - 20 (50) — inch/10 (mm)
- Frame Size (Length of Casing Side)
 - 16 (40), 24 (60), 1 (80),
 - 36 (92), 47 (119), 59 (150),
 - 68 (172) — inch/10 (mm)

FLANGE TYPE / RIB TYPE

FLANGE TYPE



RIB TYPE

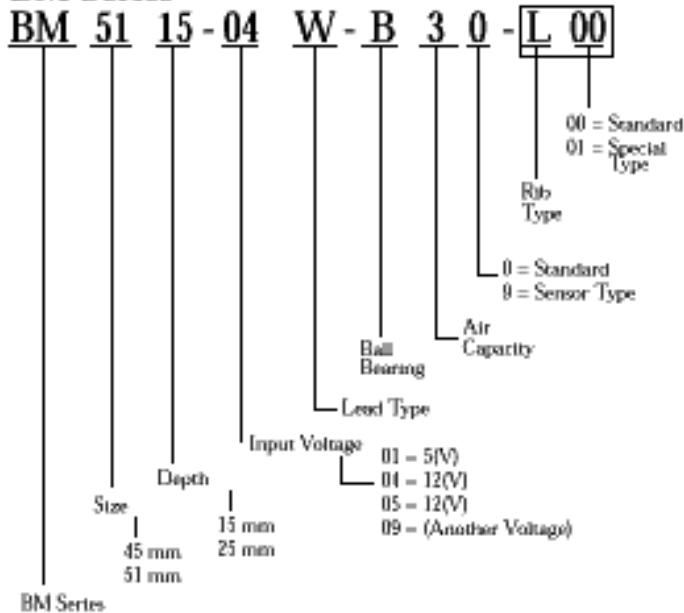


(Note) Set RIB type of FLANGE types according to the mounting method.

RIB type is a non-stock item/may be subject to lead time.

TORNADO BLOWER FAN SERIES PART NUMBERING SYSTEM

BM Series



BG Series

