

# **DC Fans & Blowers**

# DC Axial Fans & Blowers

## PART NUMBER CODE

D	172	51	V24	H	B	F	-5	K	-FG	-IP54
Fan Type	Fan Size		Voltage	Speed	Bearing	Additional Information	Number of Impeller	Mold	Function	Ingress Protection
D : DC Axial Fan DB : DC Blower	Frame Size	Thickness	V5 (DC 5V) V12 (DC 12V) V24 (DC24V) V48 (DC 48V)	SH : Super Speed-High SM : Super Speed-Medium SL : Super Speed-Low H : High M : Medium L : Low XL : Extra Low XXL : Double Extra Low	B : Ball S : Sleeve X : Hypro	F : Frameless	5: 5 Impellers 9: 9 Impellers	Different Suffix for different mold	FG: FG Signal RD: RD Signal PWM: PWM Signal VC: Voltage Control TC: Temperature Control RRD: Reverse Rotation Detector	1st Digit: Solids 1~6 2nd Digit: Water 1~8

## DC Fans & Blowers

### DC Axial Fan

15 mm .....	P. 85
17 mm .....	P. 86
18 mm .....	P. 87
25 mm .....	P. 88
30 mm .....	P. 90
38 mm .....	P. 92
40 mm .....	P. 93
50 mm .....	P. 99
60 mm .....	P. 101
70 mm .....	P. 108
80 mm .....	P. 111
92 mm .....	P. 119
120 mm .....	P. 123
127 mm .....	P. 127
140 mm .....	P. 128
150 mm .....	P. 129
Ø172 mm .....	P. 132
172 mm .....	P. 134
176 mm .....	P. 141

180 mm ..... P. 142

Ø200 mm ..... P. 143

Ø220 mm ..... P. 144

225 mm ..... P. 145

Ø254 mm ..... P. 147

280 mm ..... P. 149

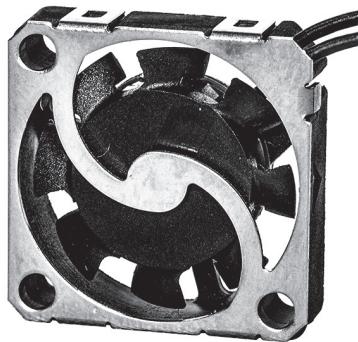
### DC Blower

15 mm .....	P. 152
18 mm .....	P. 153
20 mm .....	P. 154
26 mm .....	P. 156
30 mm .....	P. 159
35 mm .....	P. 160
51 mm .....	P. 162
76 mm .....	P. 165
97 mm .....	P. 167
120 mm .....	P. 168
121 mm .....	P. 169
154 mm .....	P. 171
180 mm .....	P. 172
189 mm .....	P. 173

**D 1504**

15X15X4mm(0.59"x0.59"x0.16")

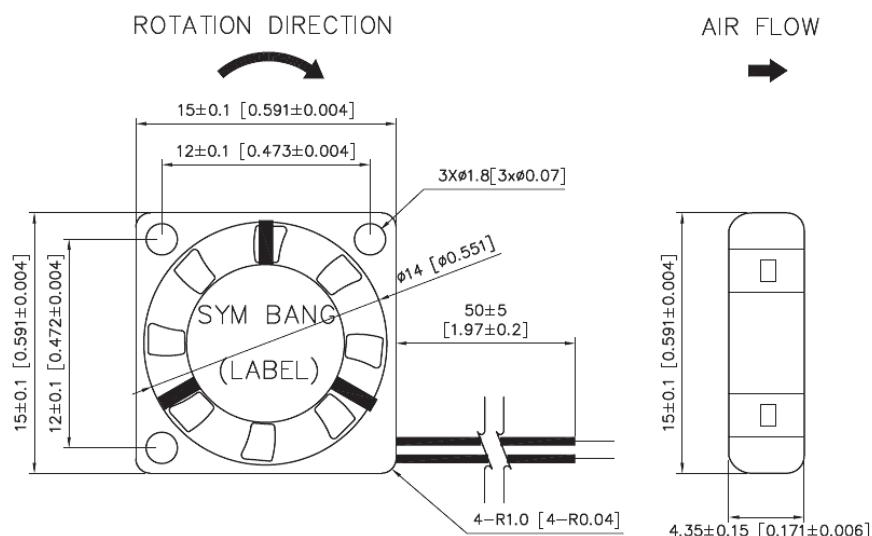
CE



HOUSING	Liquid Crystalline Polymer, UL94V-0
IMPELLER	Liquid Crystalline Polymer, UL94V-0
BEARING	Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	1.5 g
ROHS COMPLIANCE	Yes
APPLICATION	Wearable dynamic air quality sampling applications, auxiliary temperature control application, and mini projector.
IP LEVEL	IP21 (Special IP Rating On Request)

15 mm

## DIMENSION

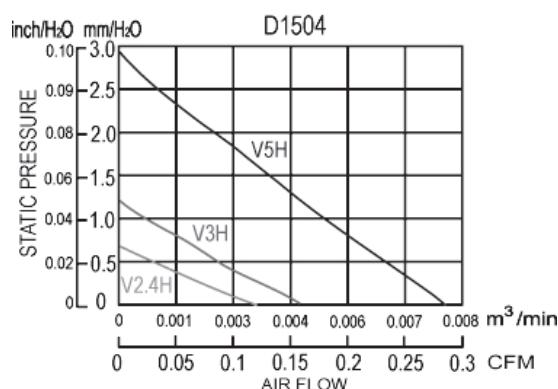


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @50cm
D1504V2.4HS	2.4	0.015	0.036	7500	0.03 0.69	0.12 0.003	14.6
D1504V3HS	3.3	0.020	0.066	10000	0.05 1.22	0.16 0.005	17.0
D1504V5HS	5	<b>0.03</b>	<b>0.15</b>	16000	<b>0.12 2.96</b>	<b>0.28 0.008</b>	<b>23.7</b>

## AIR PERFORMANCE

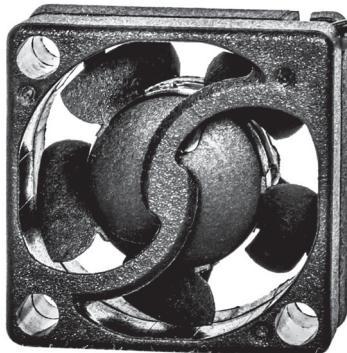


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# D 1708

17X17X8mm(0.66"x0.66"x0.31")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATION

IP LEVEL

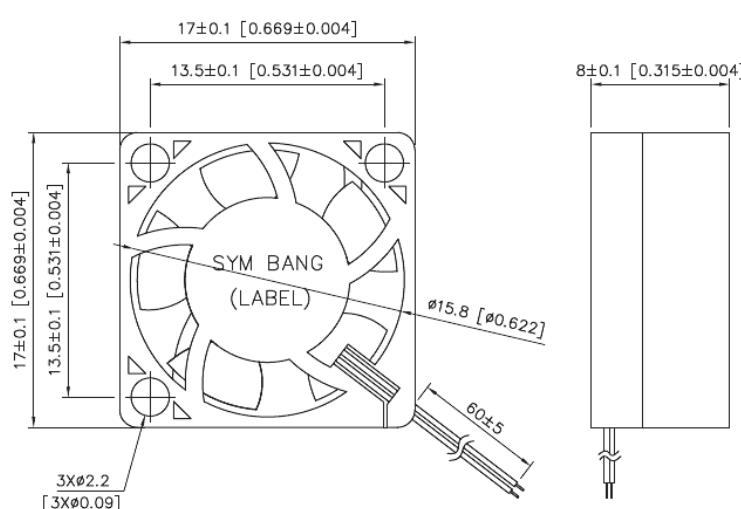
Thermoplastic PBT+30% Fiber Glass, UL94V-0  
Thermoplastic PBT+30% Fiber Glass, UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
2.3 g  
Yes  
For pico projector, MID, UMPC,  
smartbook, CCTV Portable GPS,  
air delivery of portable gas/particular detector,  
or to defrosting and ventilating of Mask/Goggle/Helmet  
IP57 included (Special IP Rating On Request)

17 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

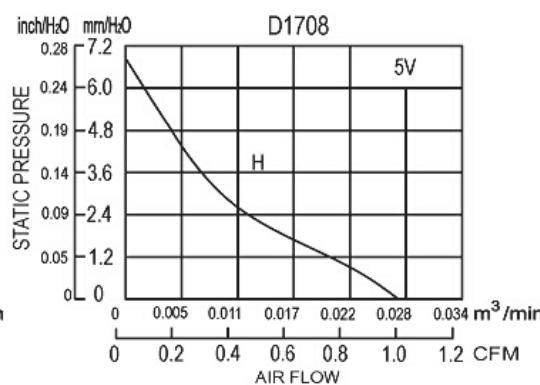
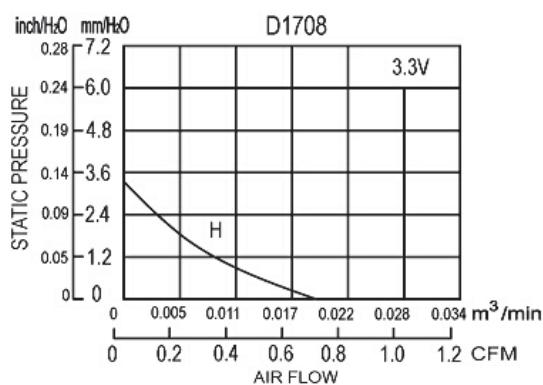


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D1708V3HS	3.3	0.055	0.181	12000	0.135 3.42	0.67 0.018	15
D1708V5HS	5	0.085	0.425	16000	0.27 6.86	0.95 0.026	18

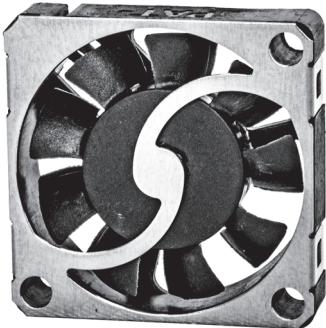
## AIR PERFORMANCE



**D 1804**

18X18X4mm(0.71"x0.71"x0.16")

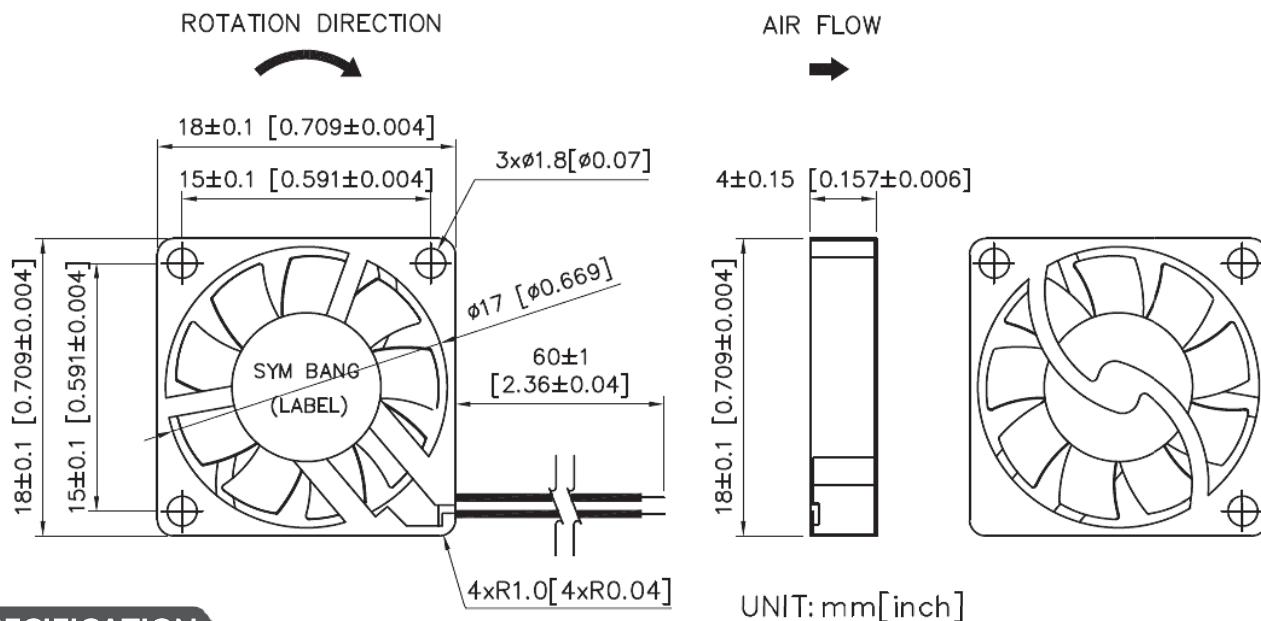
CE



HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	17 g
ROHS COMPLIANCE	Yes
APPLICATION	Mini Projector
IP LEVEL	IP57 (Special IP Rating On Request)

18 mm

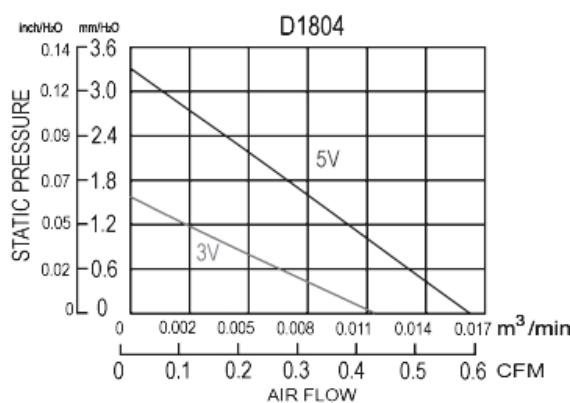
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @50cm
D1804V3HS	3.3	0.041	0.135	9000	0.062 1.6	0.41 0.012	15.9
D1804V5SLS	5	0.133	0.665	18000	0.225 5.7	1.02 0.029	32
D1804V5HS	5	0.058	0.29	13000	0.132 3.3	0.58 0.016	24.9

## AIR PERFORMANCE

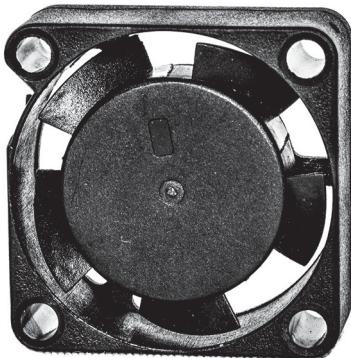


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# D 2510-K

25X25X10mm(1.0"x1.0"x0.48")

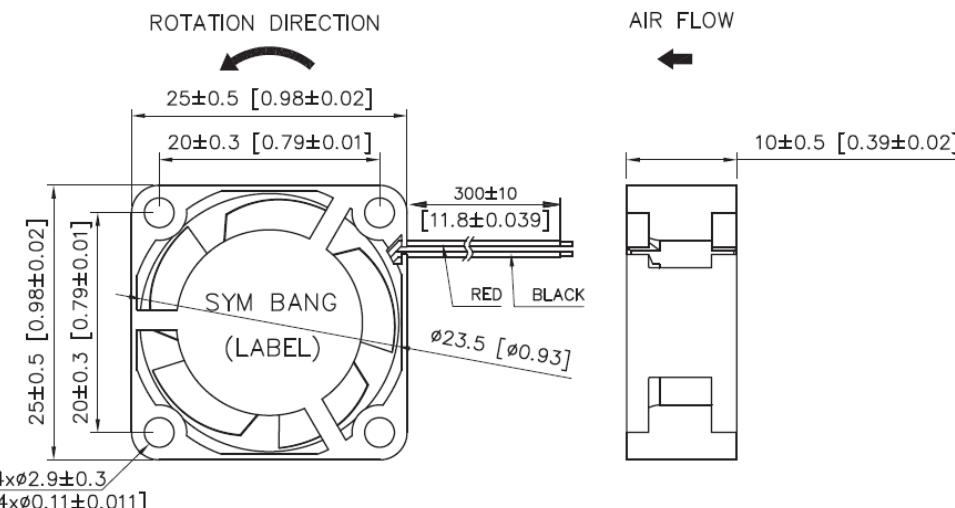


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
8 g  
Yes  
IP21 (Special IP Rating On Request)

25 mm

## DIMENSION

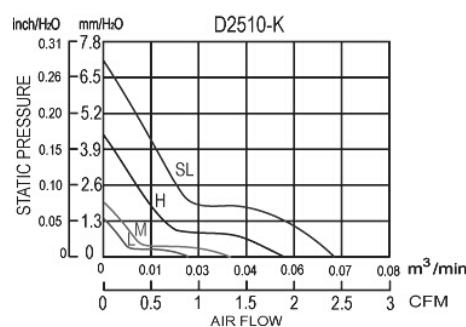


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D2510V3H-K	3.3	0.17	0.56	10000	0.17	4.4	1.85 0.05 23.5
D2510V5SL-K	5	0.22	1.1	13000	0.29	7.3	2.41 0.07 28
D2510V5H-K	5	0.16	0.8	10000	0.17	4.4	1.85 0.05 23.5
D2510V5M-K	5	0.13	0.65	7000	0.07	1.9	1.32 0.04 20
D2510V5L-K	5	0.12	0.6	6000	0.05	1.4	0.88 0.02 18
D2510V12SL-K	12	0.12	1.44	13000	0.29	7.3	2.41 0.07 28
D2510V12H-K	12	0.08	0.96	10000	0.17	4.4	1.85 0.05 23.5
D2510V12M-K	12	0.07	0.84	7000	0.07	1.9	1.32 0.04 20
D2510V12L-K	12	0.06	0.72	6000	0.05	1.4	0.88 0.02 18
D2510V24HB-K	24	0.04	0.96	10000	0.17	4.4	1.85 0.05 23.5

## AIR PERFORMANCE



**D****2510-K-USB****CE**

25X25X10mm(0.98"x0.98"x0.39")

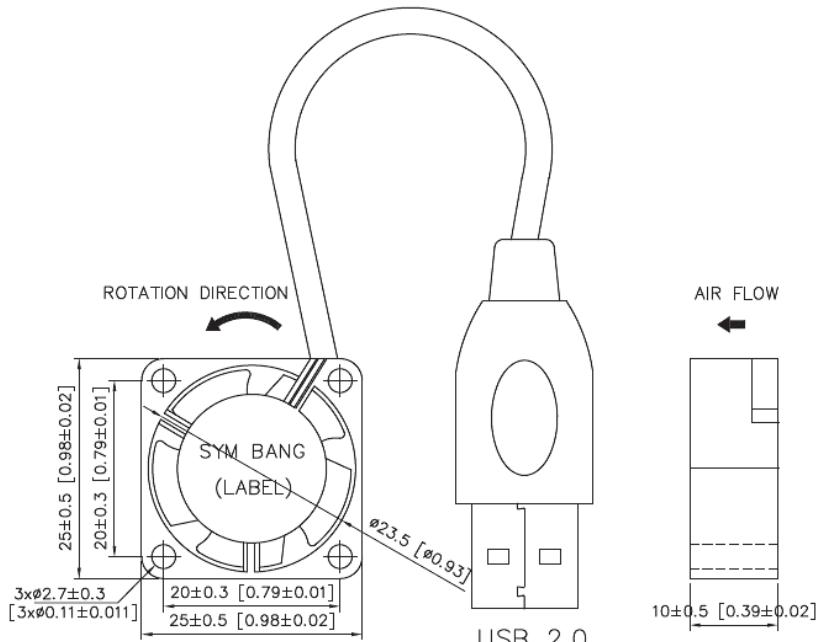


HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Thermoplastic PBT, UL94V-0  
 Thermoplastic PBT, UL94V-0  
 Ball or Sleeve  
 -10°C to + 60°C  
 5mA Max. at 500 VAC for 1 minute  
 10M Ω min. @500 VDC  
 10 g  
 Yes  
 IP21 (Special IP Rating On Request)

**25 mm**

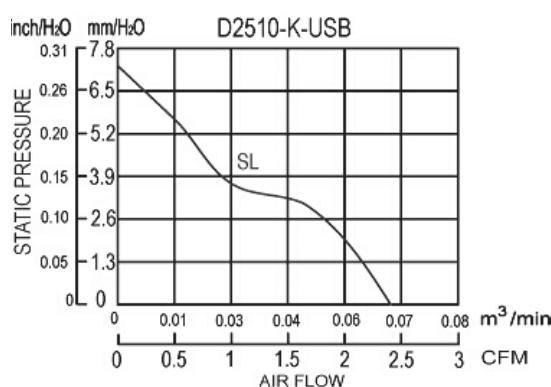
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D2510V5SL-K-USB	5	0.22	1.1	13000	0.29	7.3	2.41	0.07	28

## AIR PERFORMANCE

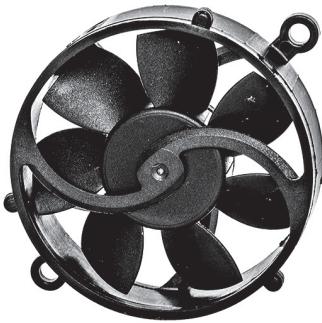


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# D 3008

Ø30X8mm(Ø1.18"x0.31")

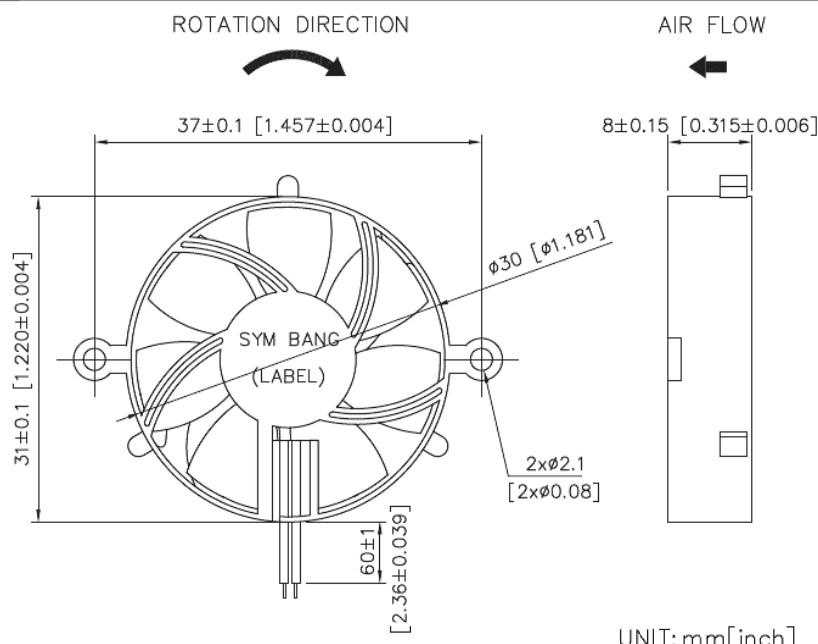


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATION  
IP LEVEL

Thermoplastic PBT+30% Fiber Glass, UL94V-0  
Thermoplastic PBT+30% Fiber Glass, UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
3.1 g  
Yes  
For thermal solution for MR16/E27 LED lighting, mini projector  
IP21 (Special IP Rating On Request)

30 mm

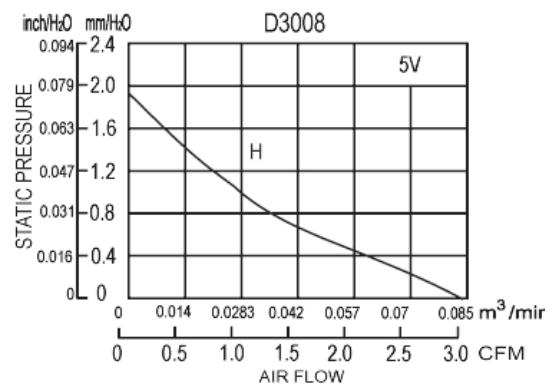
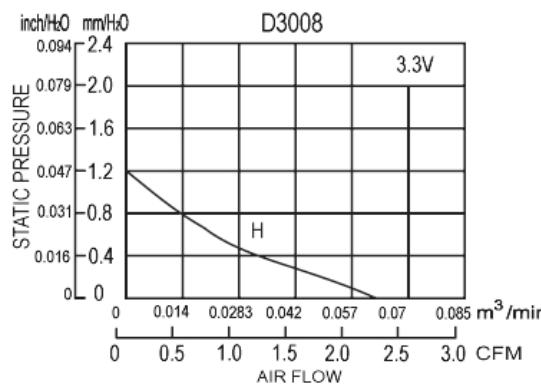
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @50cm
D3008V3HS	3.3	0.045	0.1485	4200	0.04 1.02	1.79 0.05	12.07
D3008V5HS	5	0.065	0.325	6200	0.08 2.07	2.72 0.08	12.07

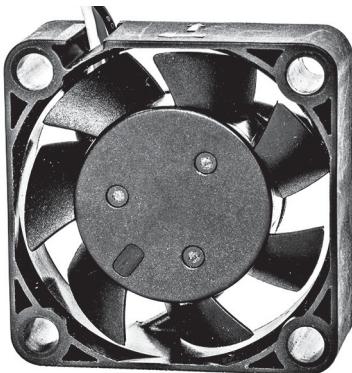
## AIR PERFORMANCE



**D 3010-K**

30X30X10mm(1.18"x1.18"x0.4")

CE



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

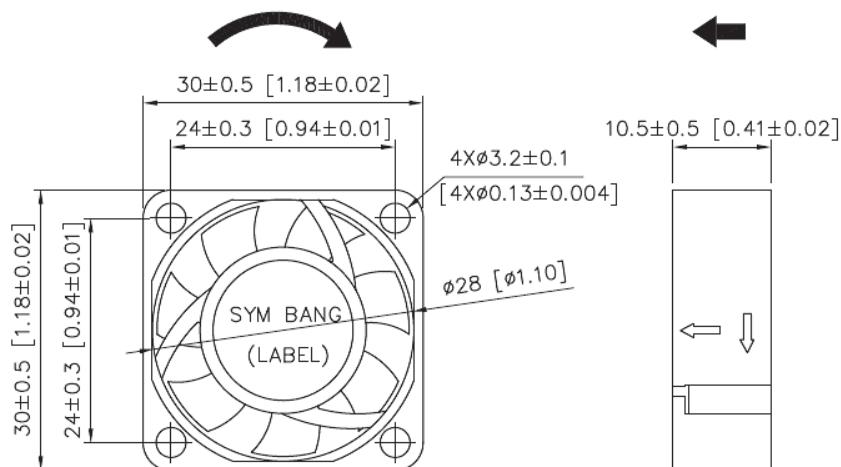
Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
9 g  
Yes  
IP21 (Special IP Rating On Request)

# 30 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

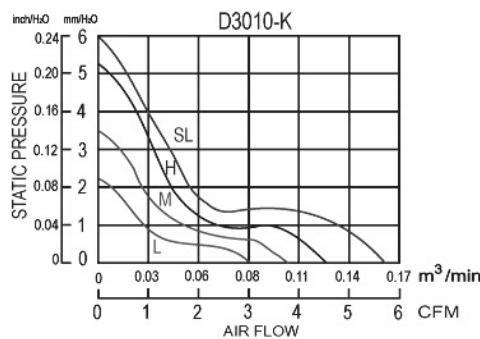


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D3010V5SL-K	5	0.27	1.35	11000	0.24	6.10	5.65 0.16 31
D3010V5H-K	5	0.24	1.20	9000	0.21	5.33	4.48 0.13 29
D3010V5M-K	5	0.12	0.60	7500	0.14	3.56	3.73 0.11 24
D3010V5L-K	5	0.09	0.45	6000	0.09	2.28	2.99 0.08 17
D3010V12SL-K	12	0.09	1.08	11000	0.24	6.09	5.65 0.16 31
D3010V12H-K	12	0.07	0.84	9000	0.21	5.33	4.48 0.13 29
D3010V12M-K	12	0.05	0.60	7500	0.14	3.65	3.73 0.11 24
D3010V12L-K	12	0.03	0.36	6000	0.09	2.28	2.99 0.08 17

## AIR PERFORMANCE

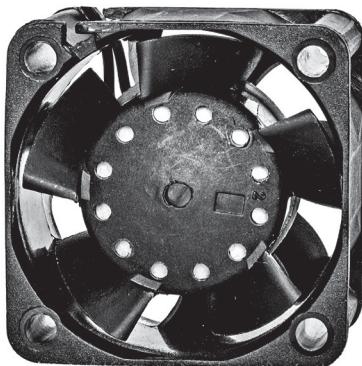


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# D3828D-K

38X38X28mm(1.5"x1.5"x1.1")

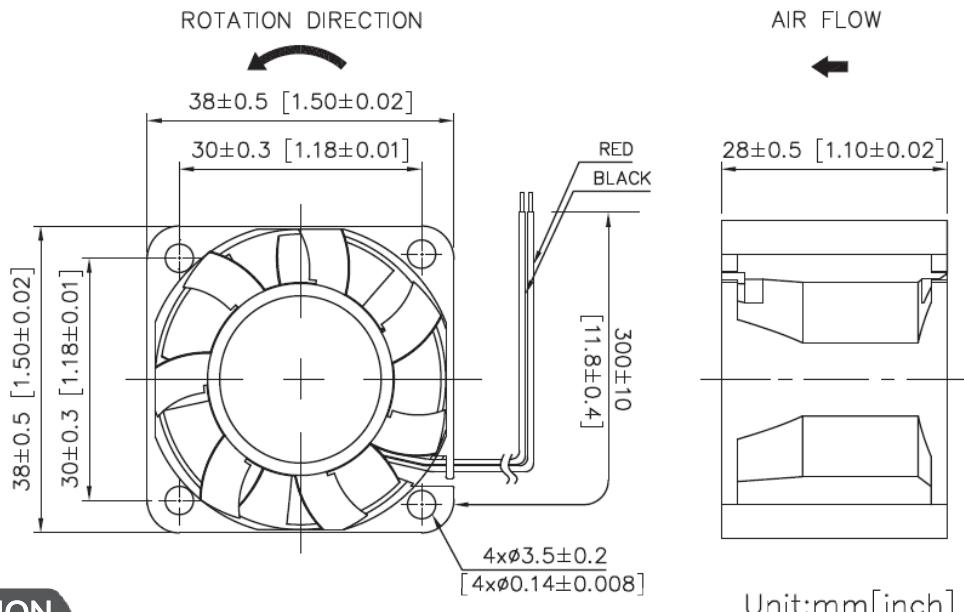


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
40.6 g  
Yes  
IP21 (Special IP Rating On Request)

38 mm

## DIMENSION

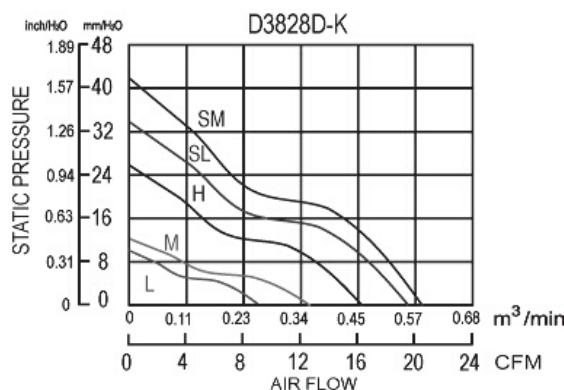


Unit:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D3828V12SMBD-K	12	1	12	17000	1.67 42.4	20.8 0.59	59
D3828V12SLBD-K	12	0.82	9.84	15000	1.37 34.71	19.61 0.54	55
D3828V12HBD-K	12	0.5	6	13000	1.02 25.91	16.3 0.46	51
D3828V12MBD-K	12	0.3	3.6	10000	0.63 12.46	12.46 0.35	44
D3828V12LBD-K	12	0.21	2.52	8000	0.39 10.02	9.44 0.26	38

## AIR PERFORMANCE

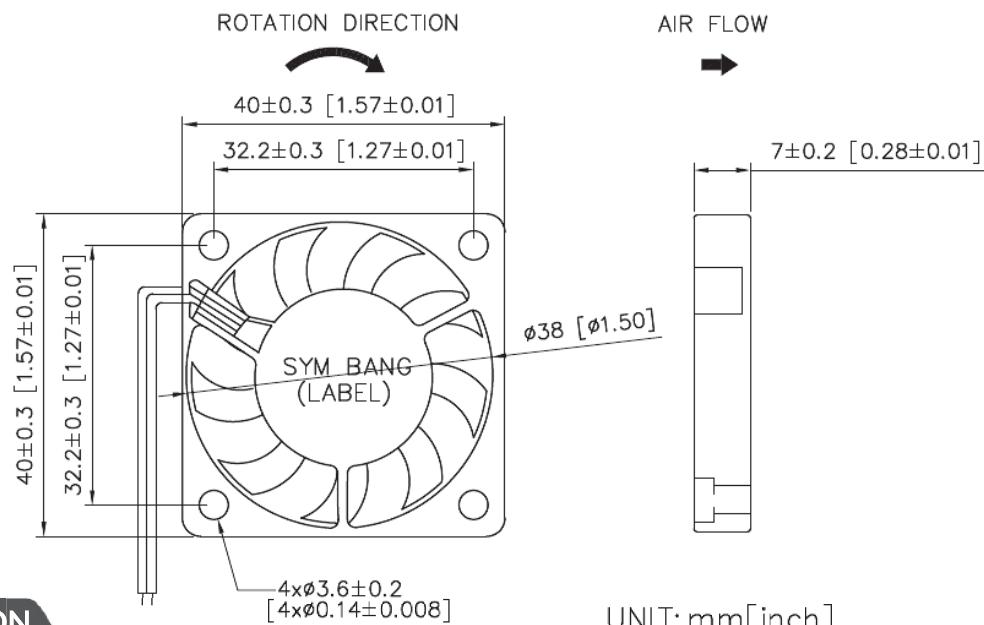


**D 4007**

40X40X7mm(1.57"x1.57"x0.28")

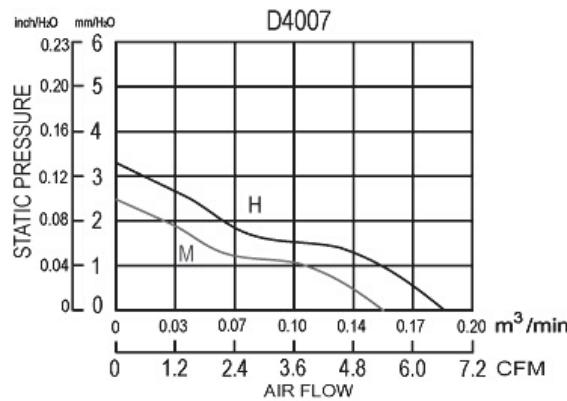


HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to +60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	8 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

**40 mm****DIMENSION****SPECIFICATION**

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D4007V5HB	5	0.25	1.3	7500	0.13	3.25	6.51	0.18
D4007V5MB	5	0.23	1.2	6500	0.1	2.44	5.4	0.15
D4007V12HB	12	0.13	1.6	7500	0.11	2.89	6.51	0.18
D4007V12MB	12	0.11	1.3	6500	0.1	2.44	5.4	0.15

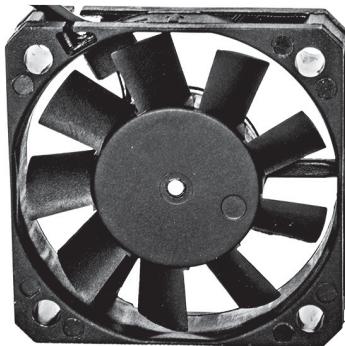
**AIR PERFORMANCE**

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# D 4010

40X40X10mm(1.57"x1.57"x0.39")

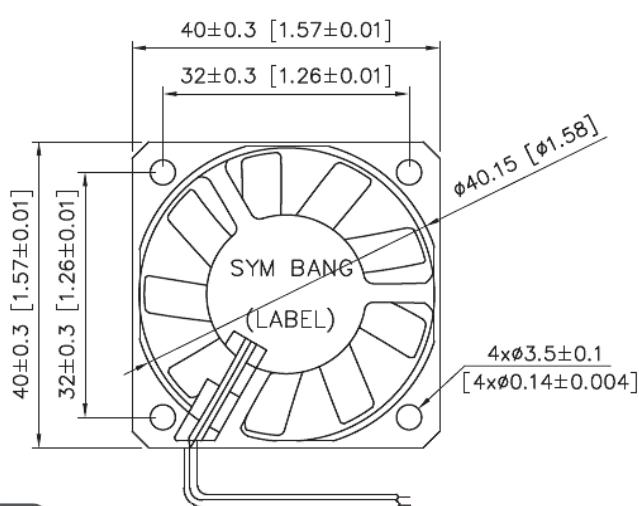


HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to +70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
WEIGHT	18 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

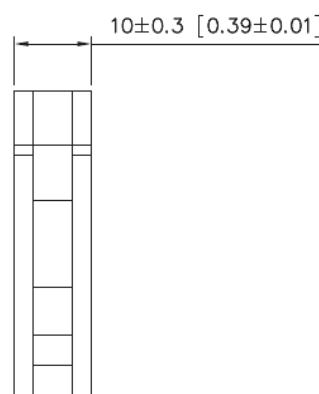
40 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

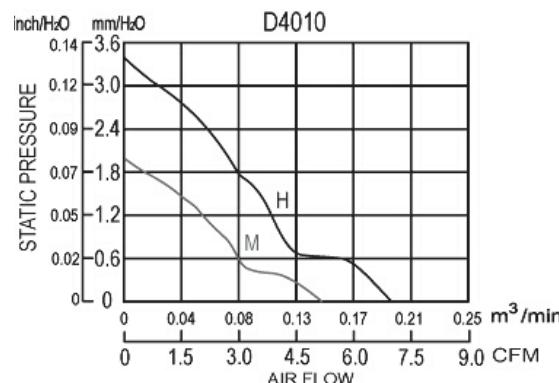


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D4010V5H	5	0.23	1.15	6500	0.13 3.4	7.0 0.20	29.0
D4010V5M	5	0.18	0.90	5000	0.08 2.0	5.2 0.15	24.5
D4010V12H	12	0.13	1.56	6500	0.13 3.4	7.0 0.20	29.0
D4010V12M	12	0.09	1.08	5000	0.08 2.0	5.2 0.15	24.5
D4010V24H	24	0.11	2.64	6500	0.13 3.4	7.0 0.20	29.0

## AIR PERFORMANCE



**D****4010-K**

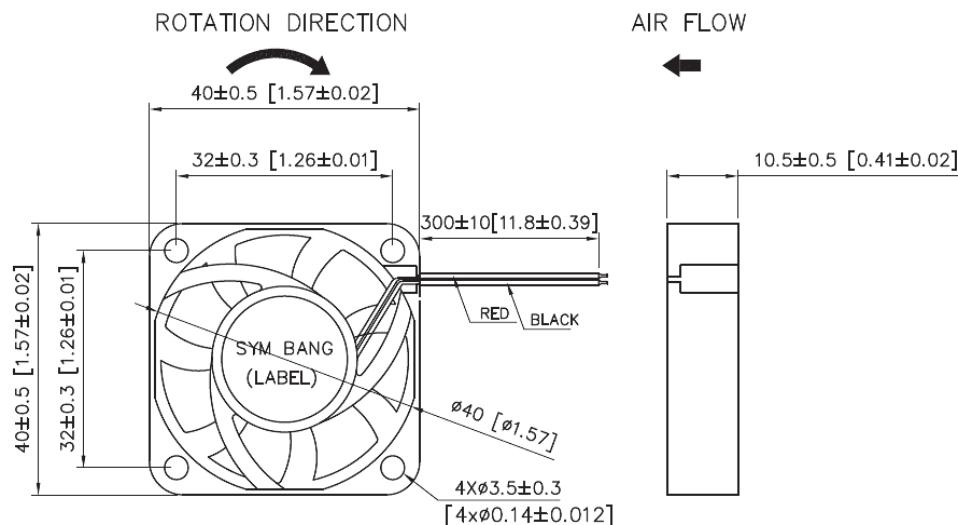
40X40X10mm(1.57"x1.57"x0.39")

**CE**

HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball
OPERATING TEMPERATURE	-10°C to + 70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	15 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

**40 mm**

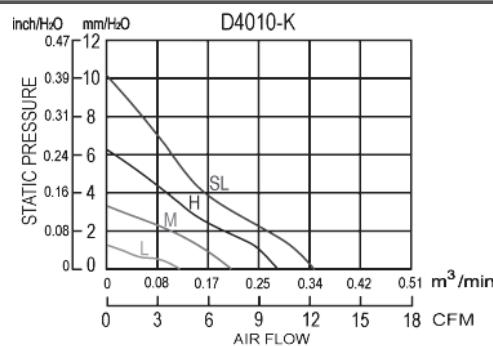
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @ 50cm
D4010V5SL-K	5	0.29	1.45	10000	0.34	8.34	12.23	0.35	39
D4010V5H-K	5	0.22	1.4	8000	0.21	5.1	9.25	0.26	35
D4010V5M-K	5	0.1	0.5	6000	0.12	2.92	7.24	0.21	26
D4010V5L-K	5	0.07	0.35	4000	0.06	1.42	4.75	0.13	21
D4010V12SL-K	12	0.18	2.16	10000	0.34	8.43	12.23	0.35	39
D4010V12H-K	12	0.11	1.32	8000	0.21	5.1	9.25	0.26	33
D4010V12M-K	12	0.08	0.96	6000	0.12	2.92	7.24	0.21	26
D4010V12L-K	12	0.07	0.84	4000	0.06	1.42	4.75	0.13	39
D4010V24SL-K	24	0.14	3.36	10000	0.34	8.34	12.23	0.35	39
D4010V24H-K	24	0.08	1.92	8000	0.21	5.1	9.25	0.26	33
D4010V24M-K	24	0.06	1.44	6000	0.12	2.92	7.24	0.21	26
D4010V24L-K	24	0.04	0.96	4000	0.06	1.42	4.75	0.13	21

## AIR PERFORMANCE



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# D 4020

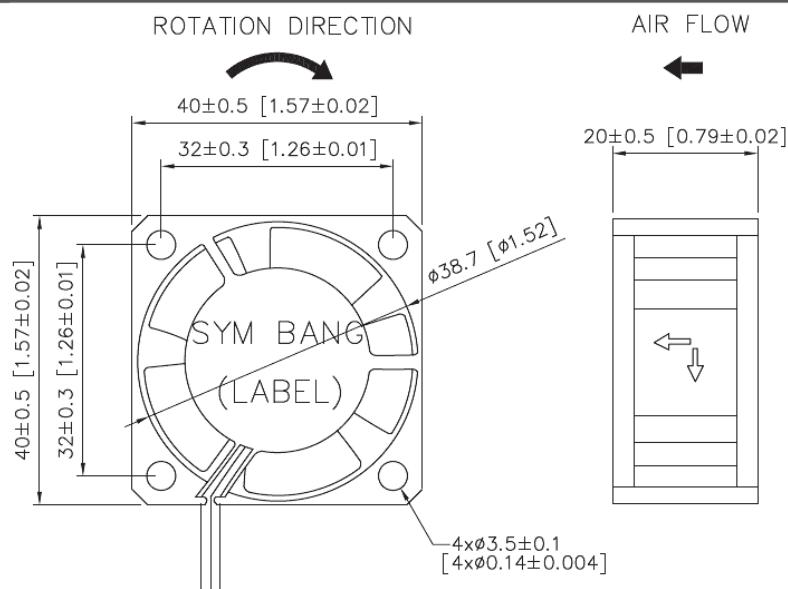
40X40X20mm(1.57"x1.57"x0.79")



HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to +70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
WEIGHT	40 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

40 mm

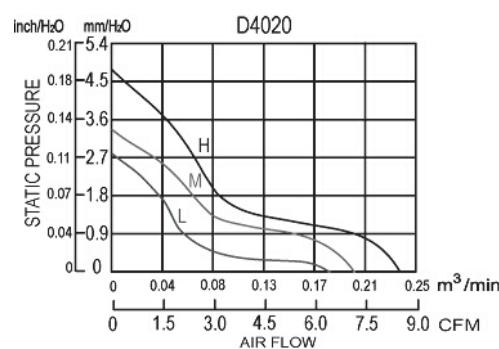
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	m <sup>3</sup> /min	NOISE dB(A) @1M
D4020V12H	12	0.16	1.92	7000	0.19	4.9	8.5	0.24	32.7
D4020V12M	12	0.1	1.2	6000	0.13	3.4	7.2	0.20	28.4
D4020V12L	12	0.08	0.96	5000	0.11	2.8	6.4	0.18	26.7
D4020V24H	24	0.18	4.32	7000	0.19	4.9	8.5	0.24	32.7
D4020V24M	24	0.13	3.12	6000	0.13	3.4	7.2	0.20	28.4
D4020V24L	24	0.1	2.4	5000	0.11	2.8	6.4	0.18	26.7

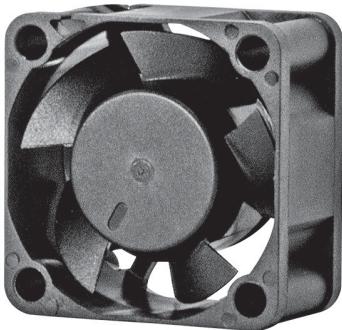
## AIR PERFORMANCE



**D 4020-K**

40X40X20mm(1.57"x1.57"x0.79")

CE

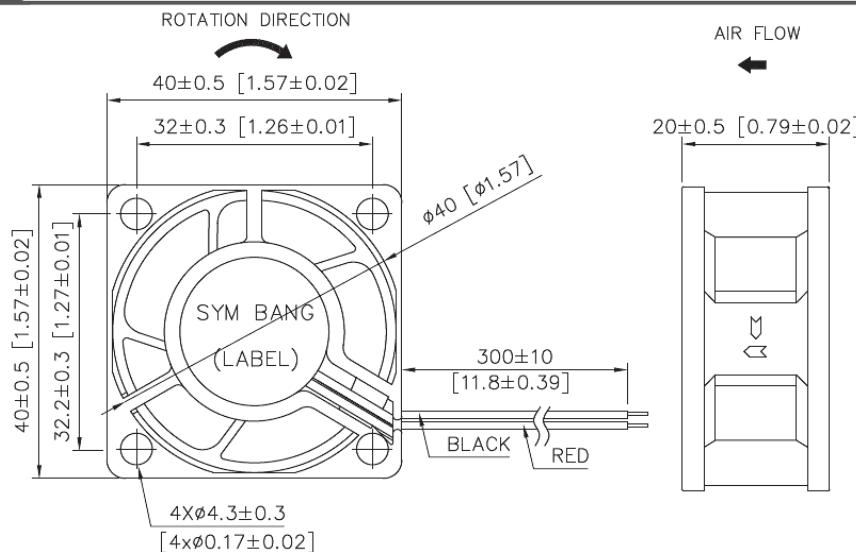


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
27 g  
Yes  
IP21 (Special IP Rating On Request)

# 40 mm

## DIMENSION

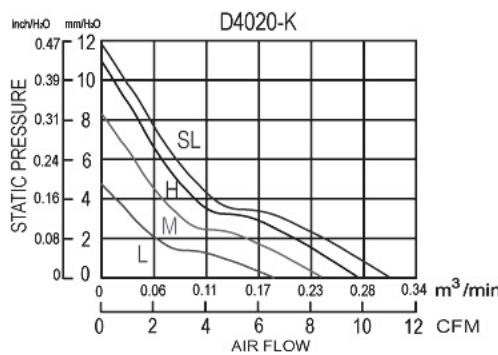


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D4020V12SLB-K	12	0.22	2.64	9500	0.47	11.9	11.0 0.31
D4020V12HB-K	12	0.16	1.92	8600	0.43	10.9	9.8 0.31
D4020V12MB-K	12	0.12	1.44	6500	0.32	8.1	8.4 0.22
D4020V12LB-K	12	0.10	1.20	5000	0.19	4.8	6.7 0.21
D4020V24HB-K	24	0.13	3.12	8600	0.43	10.9	9.8 0.31
D4020V24MB-K	24	0.09	2.16	6500	0.32	8.1	8.4 0.22
D4020V24LB-K	24	0.07	1.68	5000	0.19	4.8	6.7 0.21

## AIR PERFORMANCE



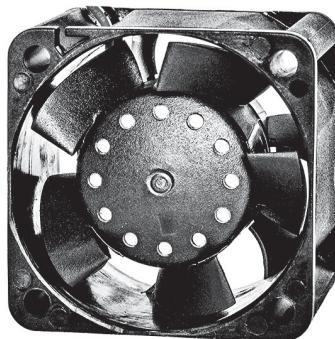
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D

4028D-K

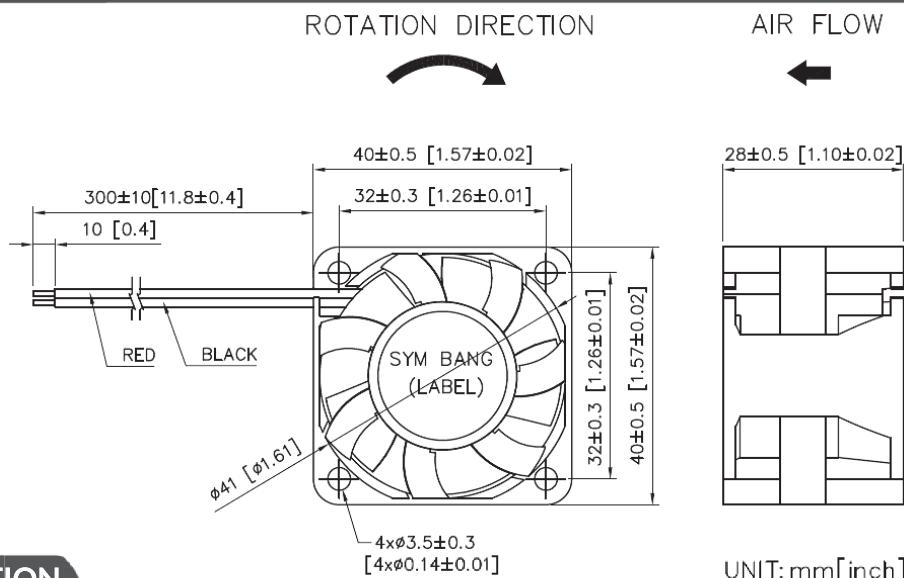
40X40X28mm(1.57"x1.57"x1.1")



HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball
OPERATING TEMPERATURE	-10°C to + 70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
WEIGHT	40 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

40 mm

## DIMENSION

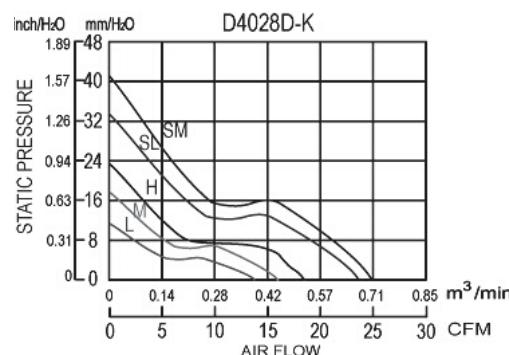


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D4028V12SMBD-K	12	0.7	8.4	15000	1.64	41.6	24.8	0.7	58
D4028V12SLBD-K	12	0.55	6.6	13000	1.32	33.7	23.8	0.67	54
D4028V12HBD-K	12	0.35	4.2	11000	0.92	23.4	18.7	0.53	48
D4028V12MBD-K	12	0.26	3.12	9500	0.69	17.6	15.9	0.45	42
D4028V12LBD-K	12	0.18	2.16	8000	0.46	11.6	13.9	0.39	40
D4028V24SLBD-K	24	0.27	6.48	13000	1.32	33.7	23.8	0.67	54
D4028V24HBD-K	24	0.2	4.8	11000	0.92	23.4	18.7	0.53	48
D4028V24MBD-K	24	0.15	3.6	9500	0.69	17.6	15.9	0.45	42

## AIR PERFORMANCE



# D 5010

50X5X10mm(1.97"x1.97"x0.39")



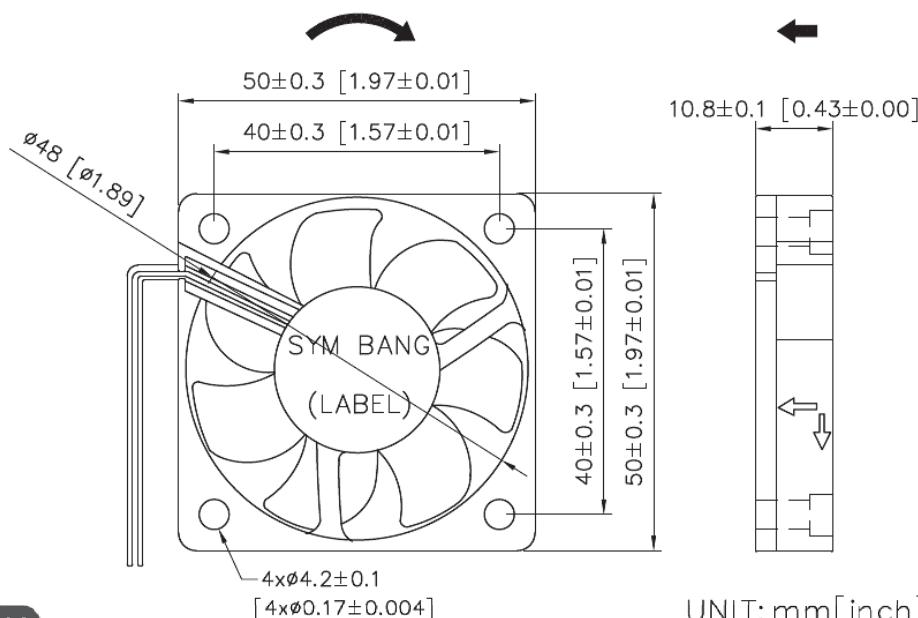
HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	20 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

50 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

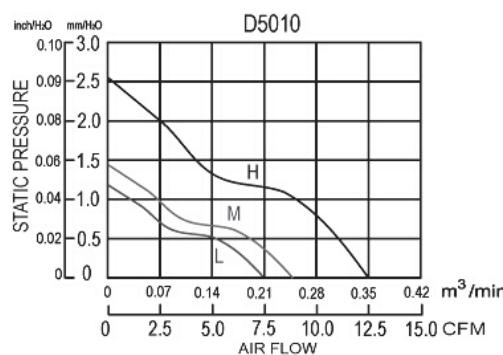


UNIT: mm [inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D5010V12H	12	0.16	1.92	5500	0.1	2.54	12.21	0.35	32
D5010V12M	12	0.1	1.2	4000	0.06	1.46	8.79	0.25	29
D5010V12L	12	0.07	0.84	3500	0.05	1.2	7.49	0.21	20

## AIR PERFORMANCE



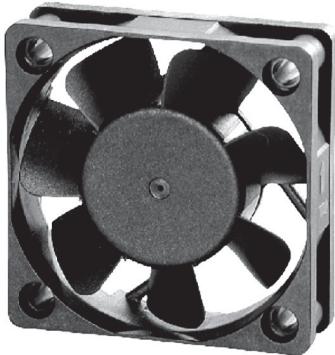
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# D 5015



50X50X15mm(1.97"x1.97"x0.59")

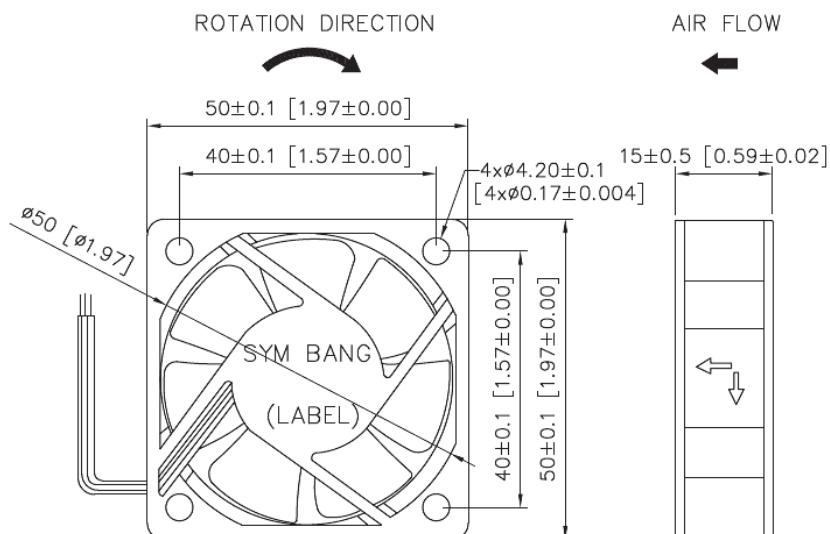


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
30 g  
Yes  
IP21 (Special IP Rating On Request)

50 mm

## DIMENSION

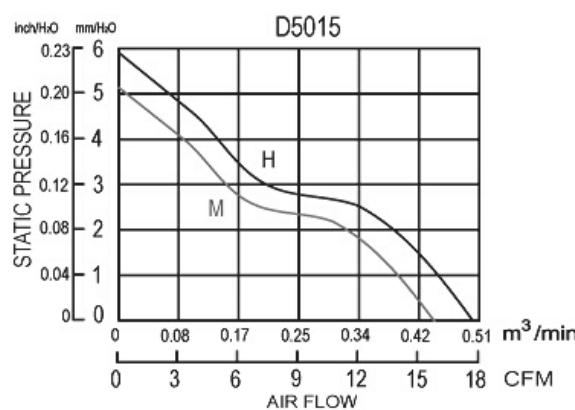


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D5015V12H	12	0.19	2.28	6300	0.23 5.93	17.22 0.49	38
D5015V12M	12	0.15	1.8	5600	0.2 5.16	15.75 0.45	35

## AIR PERFORMANCE



# D 6010-K

60X60X10mm(2.36"x2.36"x0.39")

CE



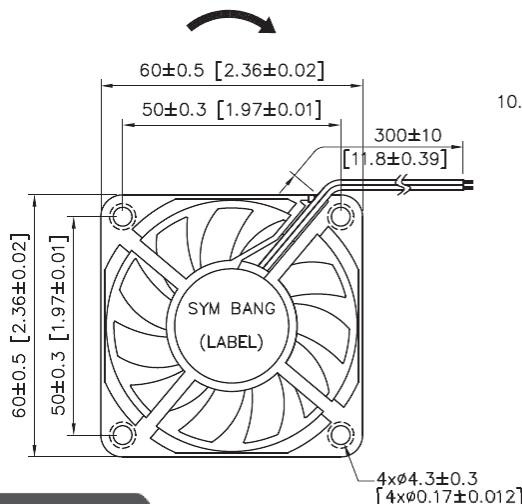
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
26 g  
Yes  
IP21 (Special IP Rating On Request)

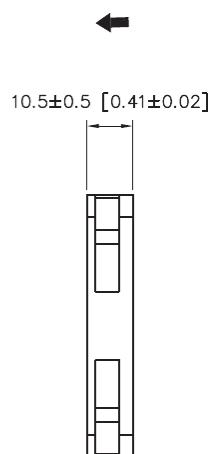
60 mm

## DIMENSION

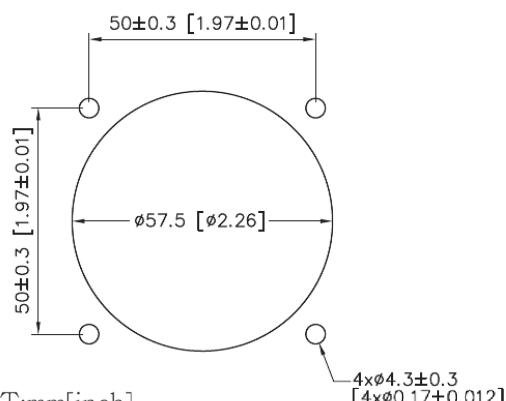
### ROTATION DIRECTION



### AIR FLOW



Mounting Panel Cutout  
Outlet Side & Inlet Side

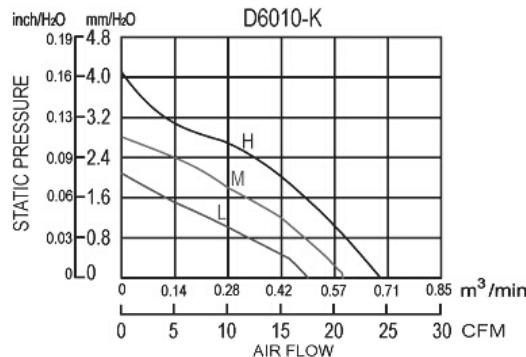


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D6010V5M-K	5	0.38	1.90	4200	0.12	3.00	20.8	0.59	33
D6010V5L-K	5	0.30	1.50	3500	0.08	2.1	17.4	0.49	28
D6010V12H-K	12	0.24	2.88	4900	0.16	4.1	24.3	0.69	37
D6010V12M-K	12	0.17	2.04	4200	0.12	3.00	20.8	0.59	33
D6010V12L-K	12	0.14	1.68	3500	0.08	2.1	17.4	0.49	28
D6010V24H-K	24	0.10	2.40	4900	0.16	4.1	24.3	0.69	37
D6010V24M-K	24	0.08	1.92	4200	0.12	3.00	20.8	0.59	33
D6010V24L-K	24	0.05	1.20	3500	0.08	2.1	17.4	0.49	28

## AIR PERFORMANCE



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# D 6015-K

60X60X15mm(2.36"x2.36"x0.59")

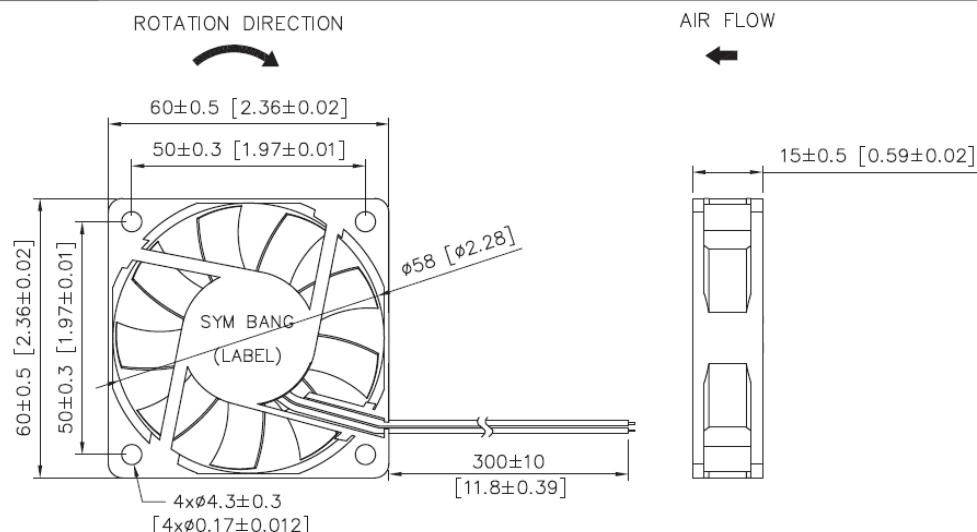


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
35 g  
Yes  
IP21 (Special IP Rating On Request)

60 mm

## DIMENSION

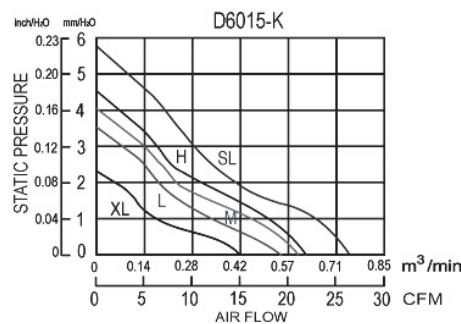


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6015V12SL-K	12	0.26	3.12	5000	0.23	5.7	26.5 0.75 37
D6015V12H-K	12	0.18	2.16	4500	0.18	4.6	23.1 0.65 35
D6015V12M-K	12	0.14	1.68	4000	0.16	4.1	21.7 0.62 32
D6015V12L-K	12	0.12	1.44	3500	0.14	3.5	19 0.54 29
D6015V12XL-K	12	0.1	1.2	3000	0.09	2.3	15 0.46 24
D6015V24SL-K	24	0.11	2.64	5000	0.23	5.7	26.5 0.75 37
D6015V24H-K	24	0.1	2.4	4500	0.18	4.6	23.1 0.65 35
D6015V24M-K	24	0.08	1.92	4000	0.16	4.1	21.7 0.62 32
D6015V24L-K	24	0.06	1.44	3500	0.14	3.5	19 0.54 29
D6015V24XL-K	24	0.04	0.96	3000	0.09	2.3	15 0.43 24

## AIR PERFORMANCE



**D 6020**

60X60X20mm(2.36"x2.36"x0.79")

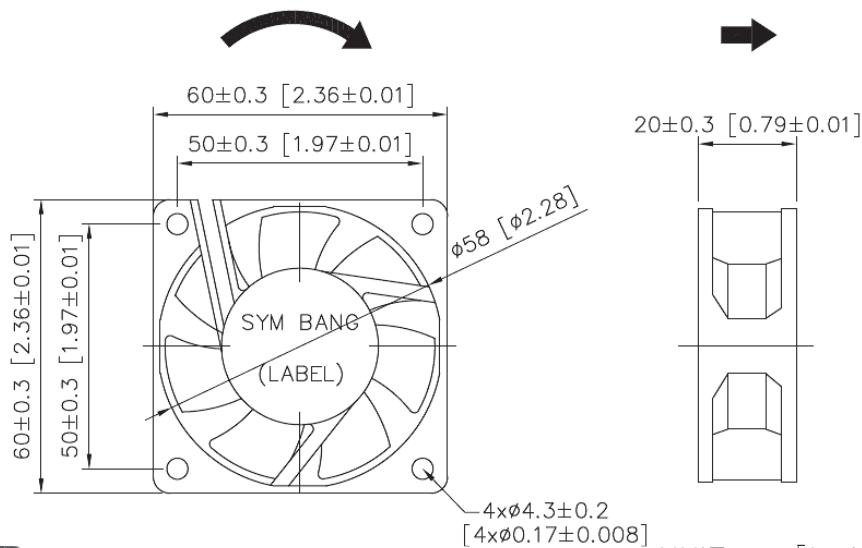


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
49 g  
Yes  
IP21 (Special IP Rating On Request)

**60 mm****DIMENSION**

ROTATION DIRECTION

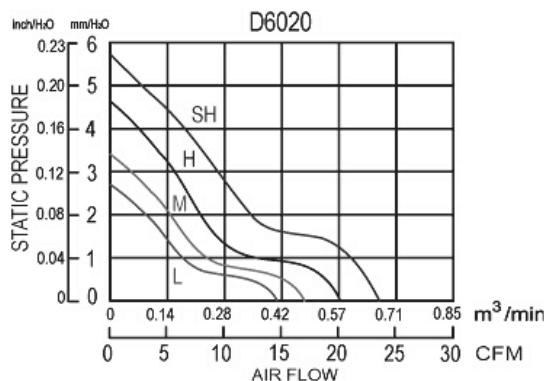


AIR FLOW

**SPECIFICATION**

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6020V12SH	12	0.25	3	4800	0.22 5.7	23.4 0.66	35.5
D6020V12H	12	0.18	2.16	4200	0.18 4.6	20.3 0.57	30.4
D6020V12M	12	0.15	1.8	3600	0.13 3.4	17.3 0.49	26.2
D6020V12L	12	0.12	1.44	3200	0.11 2.7	14.4 0.41	24.8

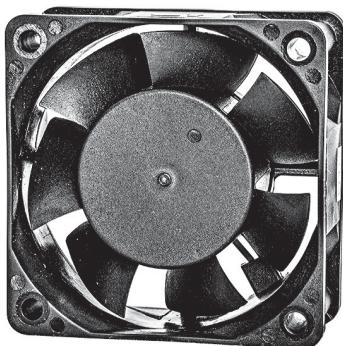
**AIR PERFORMANCE**

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# D 6025-03

60X60X25mm(2.36"x2.36"x0.98")



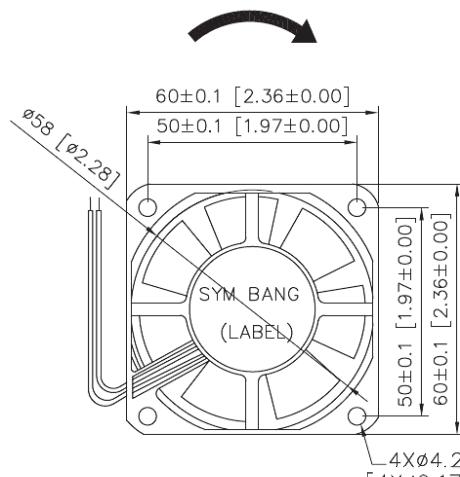
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to +70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
70 g  
Yes  
IP21 (Special IP Rating On Request)

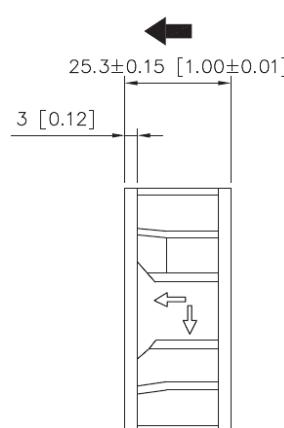
60 mm

## DIMENSION

ROTATION DIRECTION



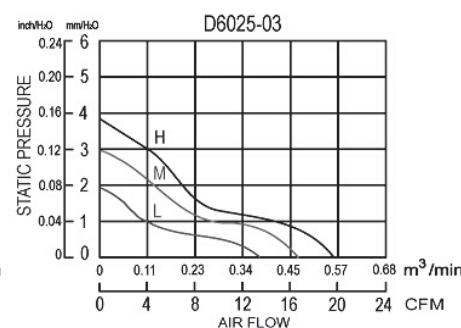
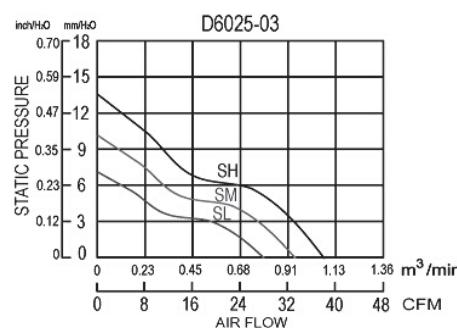
AIR FLOW



## SPECIFICATION

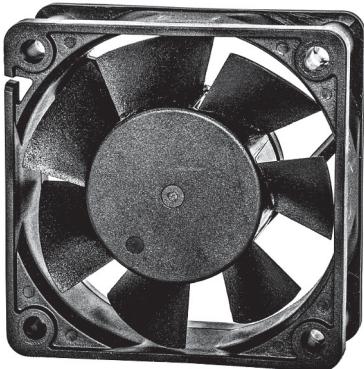
MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6025V12SH-03	12	0.39	4.68	7000	0.53 13.4	38.4 1.09	47.0
D6025V12SM-03	12	0.34	4.08	6000	0.41 10.3	33.2 0.94	42.0
D6025V12SL-03	12	0.23	2.76	5000	0.29 7.25	27.4 0.78	38.0
D6025V12H-03	12	0.13	1.56	3800	0.20 3.80	19.5 0.60	29.7
D6025V12M-03	12	0.11	1.32	3200	0.10 2.90	16.5 0.50	26.5
D6025V12L-03	12	0.09	1.08	2600	0.10 1.90	13.5 0.40	25.7
D6025V24SH-03	24	0.22	5.28	7000	0.53 13.4	38.4 1.09	47.0
D6025V24SM-03	24	0.18	4.32	6000	0.41 10.3	33.2 0.94	42.0
D6025V24SL-03	24	0.13	3.12	5000	0.29 7.25	27.4 0.78	38.0
D6025V24H-03	24	0.12	2.88	3800	0.20 3.80	19.5 0.60	29.7
D6025V24M-03	24	0.10	2.40	3200	0.10 2.90	16.5 0.50	26.5
D6025V24L-03	24	0.08	1.92	2600	0.10 1.90	13.2 0.40	25.7

## AIR PERFORMANCE



# D 6025-K

60X60X25mm(2.36"x2.36"x0.98")



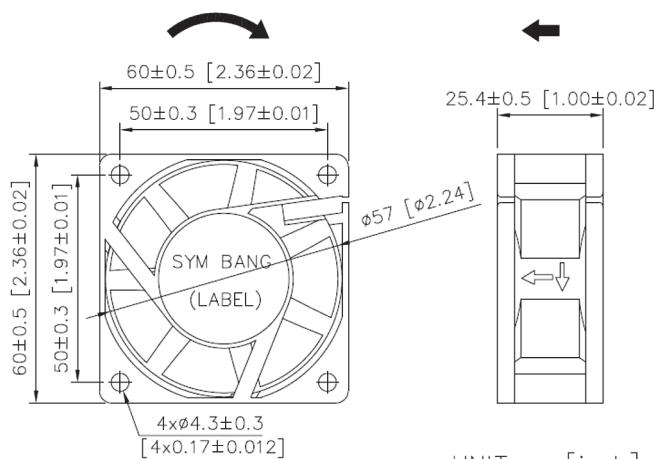
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
57 g  
Yes  
IP21 (Special IP Rating On Request)

60 mm

## DIMENSION

ROTATION DIRECTION      AIR FLOW

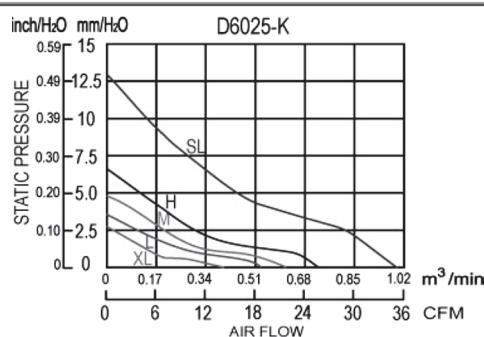


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6025V12SL-K	12	0.36	4.32	6800	0.51 13	34.8 0.99	46.5
D6025V12H-K	12	0.35	4.2	5000	0.26 6.5	25.6 0.73	40
D6025V12M-K	12	0.16	1.92	4250	0.19 4.83	21.5 0.61	34
D6025V12L-K	12	0.12	1.44	3600	0.14 3.56	18.5 0.52	31
D6025V12XL-K	12	0.1	1.2	3100	0.1 2.54	14.1 0.4	26
D6025V24H-K	24	0.2	4.8	5000	0.26 6.5	25.6 0.73	40
D6025V24M-K	24	0.11	2.64	4250	0.19 4.83	21.5 0.61	34
D6025V24L-K	24	0.08	1.92	3600	0.14 3.56	18.5 0.52	31
D6025V24XL-K	24	0.06	1.44	3100	0.1 2.54	14.1 0.4	26
D6025V48H-K	48	0.12	5.76	5000	0.26 6.5	25.6 0.73	40
D6025V48M-K	48	0.07	3.36	4250	0.19 4.83	21.5 0.61	34
D6025V48L-K	48	0.06	2.88	3600	0.14 3.56	18.5 0.52	31
D6025V48XL-K	48	0.05	2.4	3100	0.1 2.54	14.1 0.4	26

## AIR PERFORMANCE



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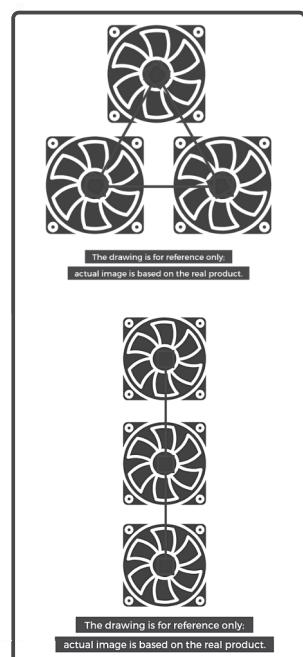
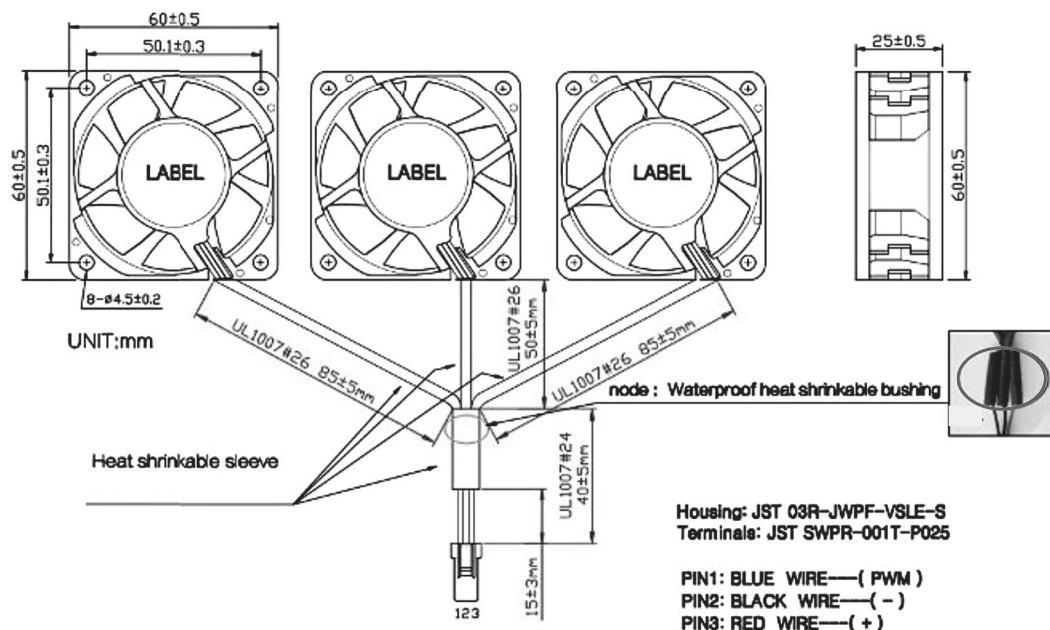
**D****6025-TK-3PL**

60X60X25mm(2.36"x2.36"x0.98")

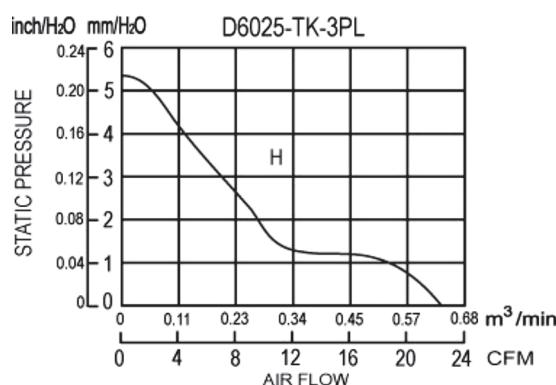


HOUSING  
IMPELLER  
HOUSING  
TERMINALS  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
JST 03R-JWPF-VSLE-S  
JST SWPR-001T-P025  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
192.2 g  
Yes  
IP68(Coating)

**60 mm****DIMENSION****SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6025V12HB-TK-3PL	12	0.38(set)	4.56(set)	4200	0.15 5.3	22.31 0.63	33

**AIR PERFORMANCE**

# D 6025-YH2

60X60X25mm(2.36"x2.36"x0.98")

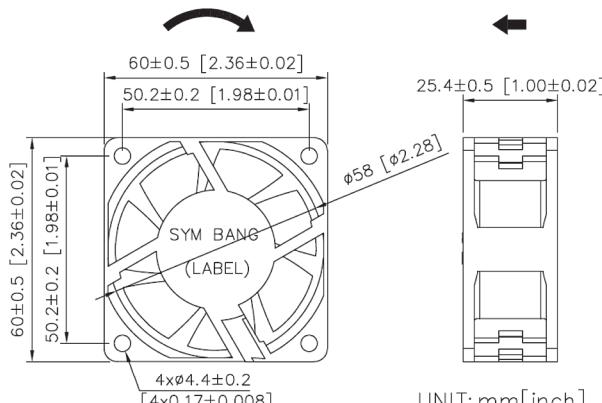


HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to + 70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	61.2 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

60 mm

## DIMENSION

ROTATION DIRECTION      AIR FLOW

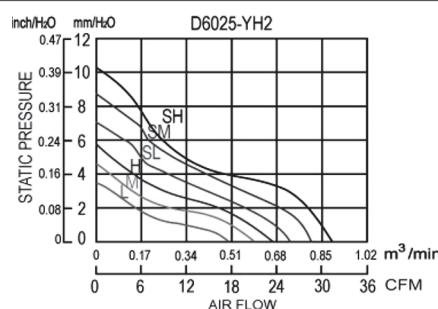


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D6025V12SH-YH2	12	0.40	5.04	6000	0.41 10.39	31.21 0.88	45.4
D6025V12SM-YH2	12	0.30	3.84	5500	0.35 8.81	28.50 0.81	42.0
D6025V12SL-YH2	12	0.23	2.76	5000	0.28 7.18	25.69 0.73	39.2
D6025V12H-YH2	12	0.19	2.28	4500	0.23 5.76	23.32 0.66	37.2
D6025V12M-YH2	12	0.17	2.04	4000	0.18 4.58	20.67 0.59	33.9
D6025V12L-YH2	12	0.14	1.68	3500	0.14 3.56	17.77 0.50	30.4
D6025V24SH-YH2	24	0.18	4.32	6000	0.41 10.39	31.21 0.88	45.4
D6025V24SM-YH2	24	0.16	3.84	5500	0.35 8.81	28.50 0.81	42.0
D6025V24SL-YH2	24	0.12	2.88	5000	0.28 7.18	25.69 0.73	39.2
D6025V24H-YH2	24	0.10	2.64	4500	0.23 5.76	23.32 0.66	37.2
D6025V24M-YH2	24	0.10	2.40	4000	0.18 4.58	20.67 0.59	33.9
D6025V24L-YH2	24	0.10	1.68	3500	0.14 3.56	17.77 0.50	30.4
D6025V48SH-YH2	48	0.10	4.80	6000	0.41 10.39	31.21 0.88	45.4
D6025V48SM-YH2	48	0.09	4.32	5500	0.35 8.81	28.50 0.81	42.0
D6025V48SL-YH2	48	0.07	3.36	5000	0.28 7.18	25.69 0.73	39.2
D6025V48H-YH2	48	0.06	2.88	4500	0.23 5.76	23.32 0.66	37.2
D6025V48M-YH2	48	0.05	2.40	4000	0.18 4.58	20.67 0.59	33.9

## AIR PERFORMANCE



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# D 7015-K

70X70X15mm(2.76"x2.76"x0.59")



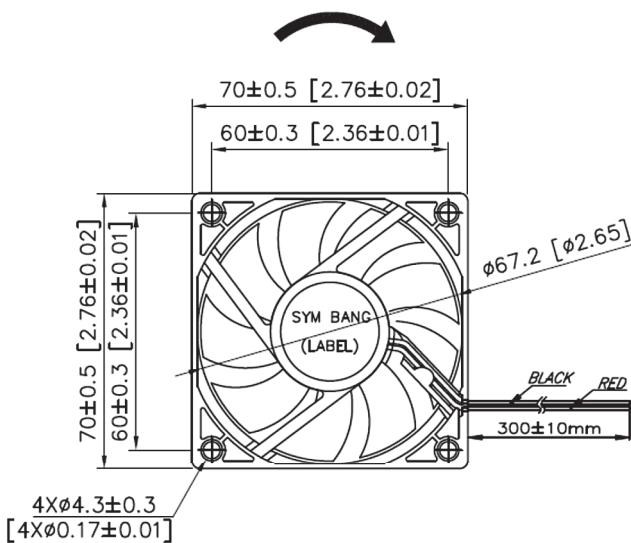
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to +70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
51 g  
Yes  
IP21 (Special IP Rating On Request)

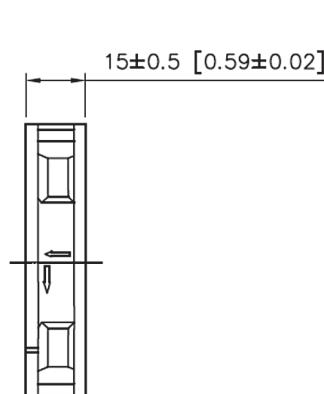
70 mm

## DIMENSION

### ROTATION DIRECTION



### AIR FLOW

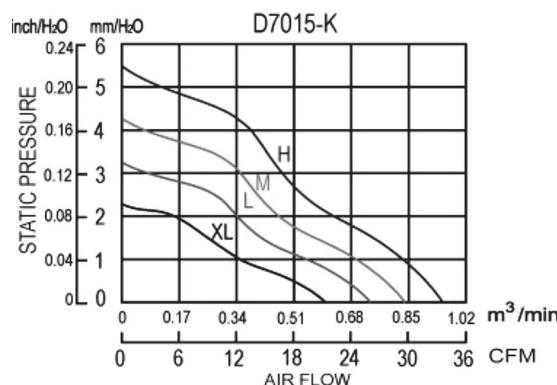


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D7015V12H-K	12	0.28	3.36	4300	0.22	5.5	33.5	0.95	39
D7015V12M-K	12	0.18	2.16	3800	0.17	4.3	29.6	0.84	35
D7015V12L-K	12	0.13	1.56	3300	0.13	3.3	25.7	0.73	31
D7015V12XL-K	12	0.11	1.23	2800	0.09	2.3	21.1	0.6	27

## AIR PERFORMANCE



**D 7025**

70X70X25mm(2.76"x2.76"x0.98")



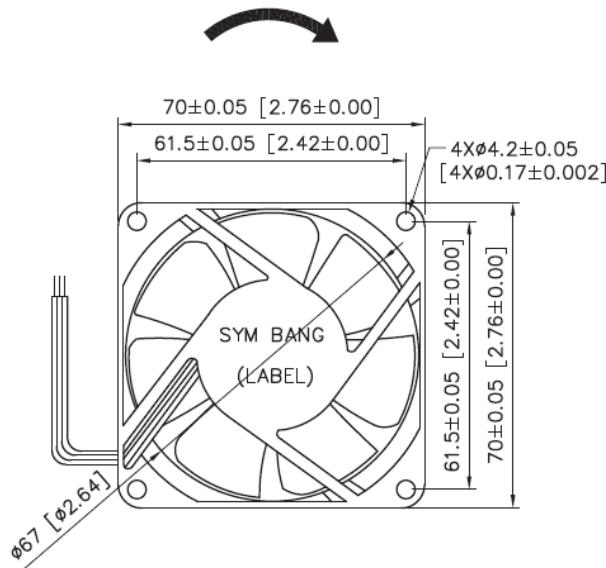
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
85 g  
Yes  
IP21 (Special IP Rating On Request)

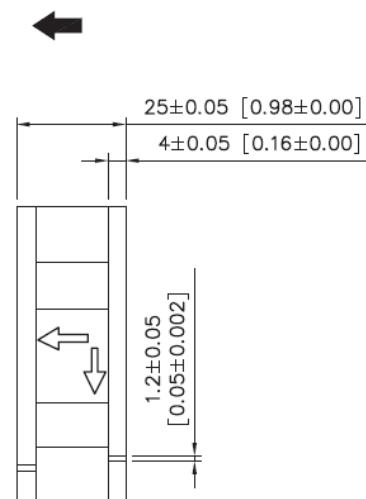
70 mm

**DIMENSION**

## ROTATION DIRECTION



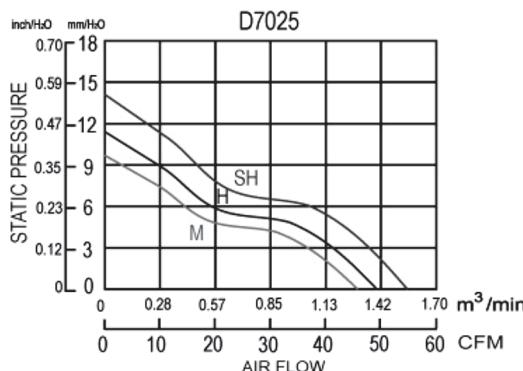
## AIR FLOW



UNIT: mm[inch]

**SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D7025V12SH	12	0.62	7.44	6000	0.55	14	54	1.53	48
D7025V12H	12	0.52	6.24	5500	0.45	11.49	49.36	1.4	45
D7025V12M	12	0.33	3.93	5000	0.39	9.88	45.31	1.28	30

**AIR PERFORMANCE**

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# D 7025-K

70X70X25mm(2.76"x2.76"x0.98")

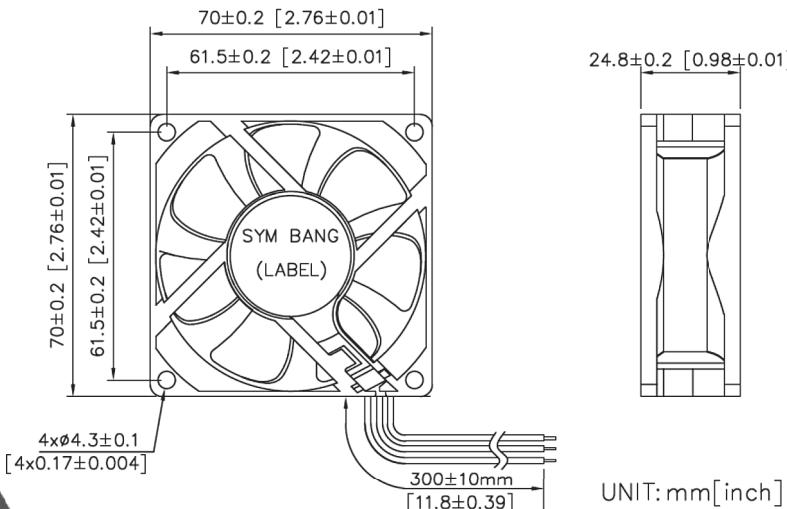


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
74 g  
Yes  
IP21 (Special IP Rating On Request)

70 mm

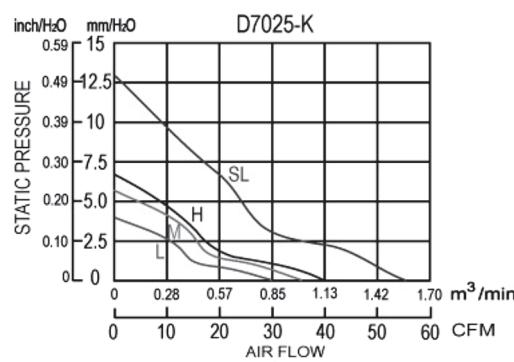
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D7025V12L-K	12	0.07	0.84	3000	0.15 3.9	30 0.85	27
D7025V12M-K	12	0.09	1.08	3600	0.22 5.5	35.6 1.01	32
D7025V12H-K	12	0.13	1.56	4000	0.27 6.8	39.9 1.13	37
D7025V12SL-K	12	0.35	4.2	5500	0.5 12.8	54.8 1.55	45
D7025V24L-K	24	0.05	1.2	3000	0.15 3.9	30 0.85	27
D7025V24M-K	24	0.06	1.44	3600	0.22 5.5	35.6 1.01	32
D7025V24H-K	24	0.08	1.92	4000	0.27 6.8	39.9 1.13	37
D7025V24SL-K	24	0.16	3.84	5500	0.5 12.8	54.8 1.55	45
D7025V48L-K	48	0.04	1.92	3000	0.15 3.9	30 0.85	27
D7025V48M-K	48	0.05	2.4	3600	0.22 5.5	35.6 1.01	32
D7025V48H-K	48	0.07	3.36	4000	0.27 6.8	39.9 1.13	37

## AIR PERFORMANCE



**D 8010**

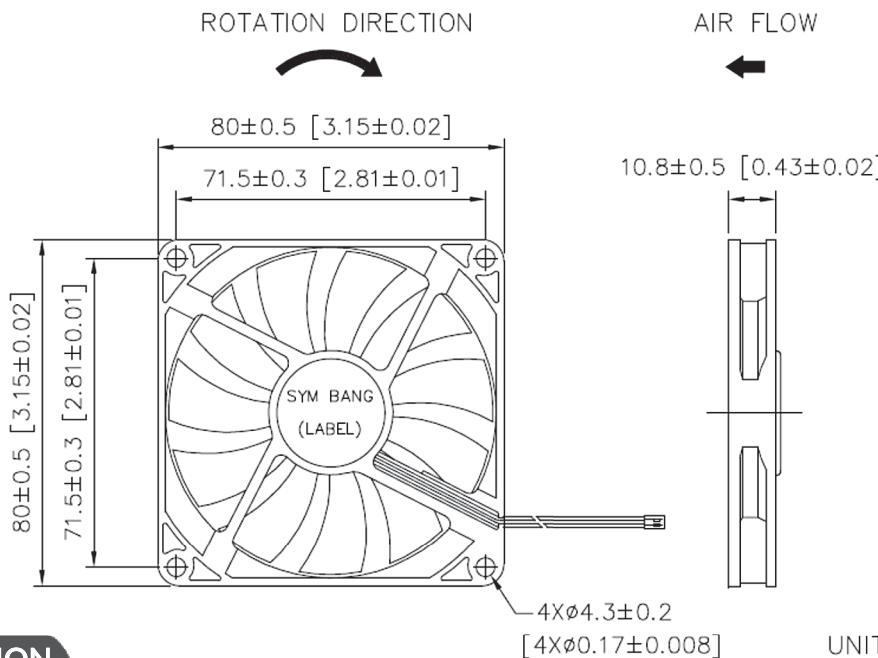
80X80X10.8mm(3.15"x3.15"x0.43")

CE

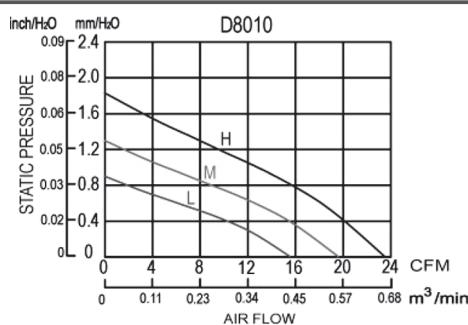


HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
TERMINATION	Lead Wire
OPERATING TEMPERATURE	-10°C to +60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
WEIGHT	41 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

80 mm

**DIMENSION****SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D8010V12H	12	0.24	2.9	3000	0.071 1.81	23.45 0.66	31
D8010V12M	12	0.18	2.2	2500	0.052 1.31	19.68 0.56	27
D8010V12L	12	0.12	1.4	2000	0.035 0.9	15.58 0.44	23
D8010V24H	24	0.14	3.4	3000	0.071 1.81	23.45 0.66	31
D8010V24M	24	0.11	2.6	2500	0.052 1.31	19.68 0.56	27
D8010V24L	24	0.08	1.9	2000	0.035 0.9	15.58 0.44	23

**AIR PERFORMANCE**

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**D8015**

80X80X15mm(3.15"x3.15"x0.6")



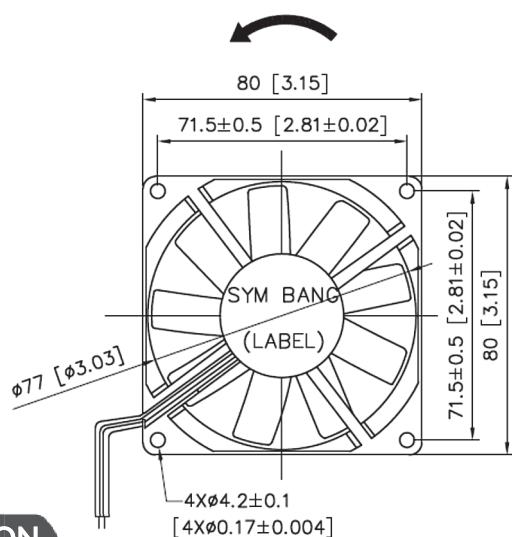
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
59 g  
Yes  
IP21 (Special IP Rating On Request)

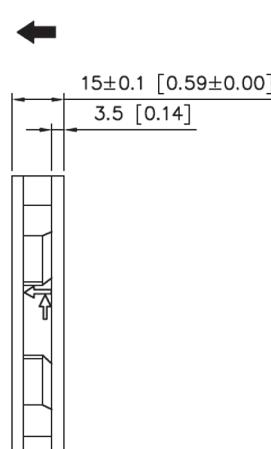
80 mm

**DIMENSION**

ROTATION DIRECTION



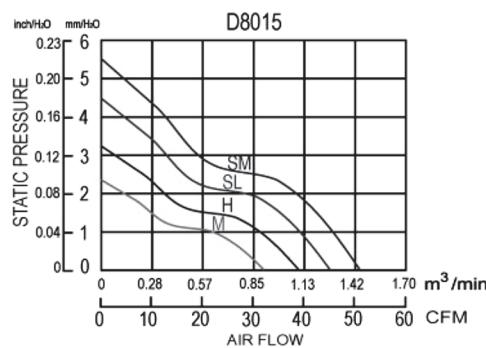
AIR FLOW



UNIT: mm [inch]

**SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D8015V12SM	12	0.45	5.4	4000	0.22	5.5	51	1.44	42
D8015V12SL	12	0.35	4.2	3500	0.17	4.4	45	1.27	40
D8015V12H	12	0.22	2.64	3000	0.13	3.2	39	1.1	35
D8015V12M	12	0.17	2.04	2500	0.09	2.3	32	0.91	31
D8015V24SM	24	0.24	5.76	4000	0.22	5.5	51	1.44	42
D8015V24SL	24	0.18	4.32	3500	0.17	4.4	45	1.27	40
D8015V24H	24	0.14	3.36	3000	0.13	3.2	39	1.1	35
D8015V24M	24	0.12	2.88	2500	0.09	2.3	32	0.91	31

**AIR PERFORMANCE**

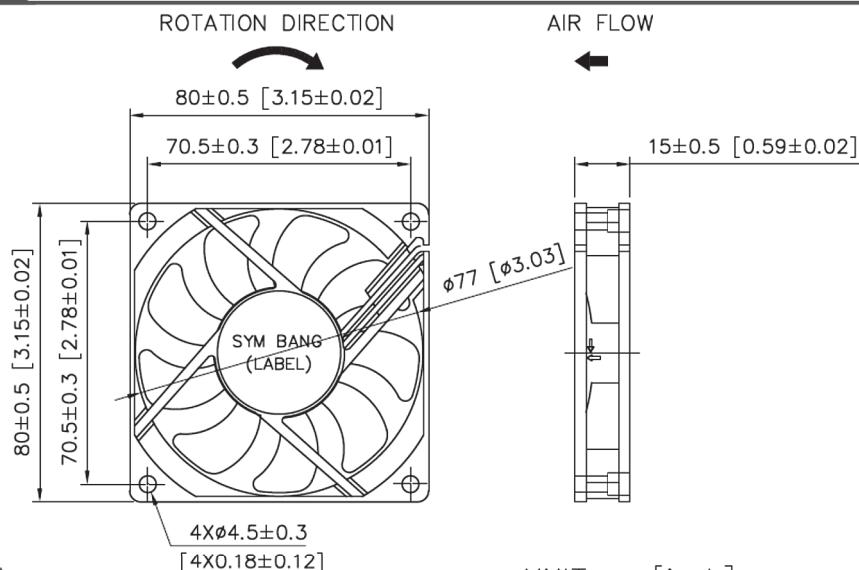


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
47 g  
Yes  
IP21 (Special IP Rating On Request)

80 mm

## DIMENSION

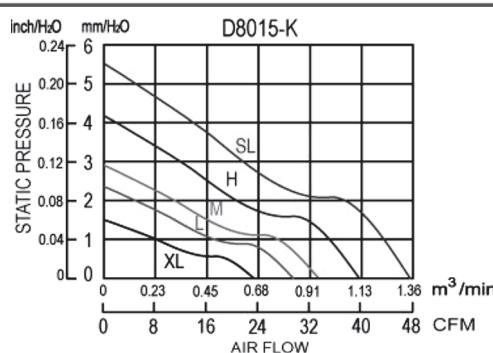


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D8015V12SL-K	12	0.3	3.6	4500	0.22 5.5	47.6 1.35	43
D8015V12H-K	12	0.15	1.8	3600	0.16 4.2	39.6 1.12	39
D8015V12M-K	12	0.11	1.3	3100	0.12 2.9	33.1 0.94	34
D8015V12L-K	12	0.08	0.9	2700	0.09 2.4	28.9 0.82	31
D8015V12XL-K	12	0.06	0.7	2400	0.06 1.5	23.1 0.65	28
D8015V24H-K	24	0.09	2.1	3600	0.16 4.2	39.6 1.12	39
D8015V24M-K	24	0.08	1.9	3100	0.12 2.9	33.1 0.94	34
D8015V24L-K	24	0.06	1.4	2700	0.09 2.4	28.9 0.82	31
D8015V24XL-K	24	0.04	0.9	2400	0.06 1.5	23.1 0.65	28

## AIR PERFORMANCE



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# D8025-03

80X80X25mm(3.15"x3.15"x0.98")



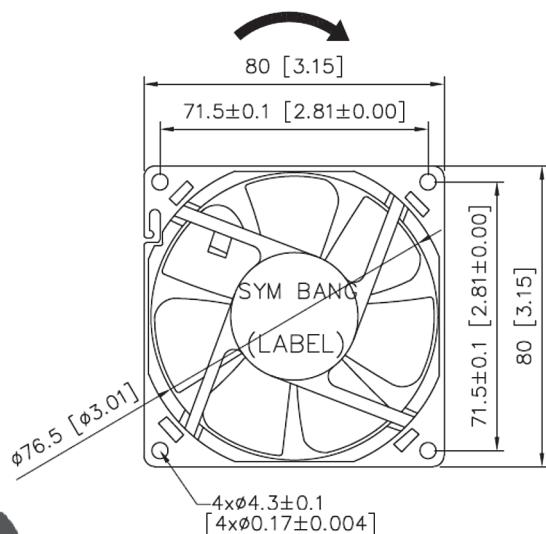
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
85 g  
Yes  
IP21 (Special IP Rating On Request)

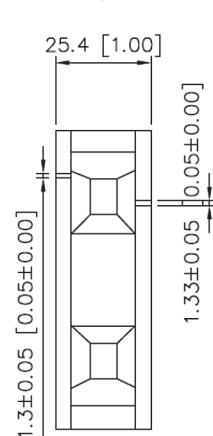
80 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

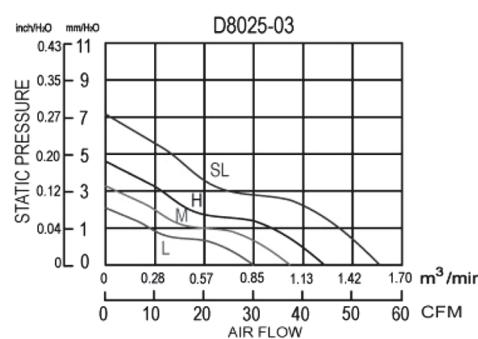


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D8025V12SL-03	12	0.4	4.8	4000	0.27	7.09	55.53	1.57	41
D8025V12H-03	12	0.3	3.6	3300	0.18	4.54	44	1.25	36
D8025V12M-03	12	0.2	2.4	2700	0.13	3.24	37	1.05	30
D8025V12L-03	12	0.15	1.8	2100	0.09	2.18	30	0.85	24
D8025V24SL-03	24	0.25	6	4000	0.27	7.09	55.53	1.57	41
D8025V24H-03	24	0.21	5.04	3300	0.18	4.54	44	1.25	36
D8025V24M-03	24	0.17	4.8	2700	0.13	3.24	37	1.05	30
D8025V24L-03	24	0.12	2.88	2100	0.09	2.18	30	0.85	24
D8025V48H-03	48	0.15	7.2	3300	0.18	4.54	44	1.25	36

## AIR PERFORMANCE



# D 8025-K

80X80X25mm(3.15"x3.15"x0.98")



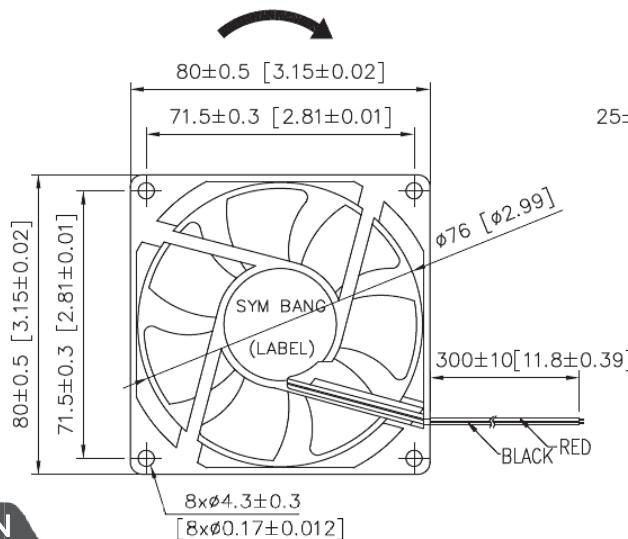
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
78 g  
Yes  
IP21 (Special IP Rating On Request)

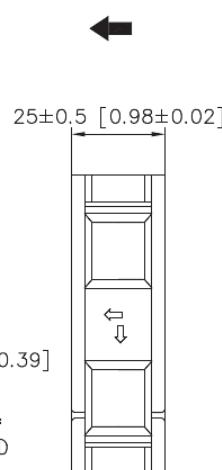
80 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

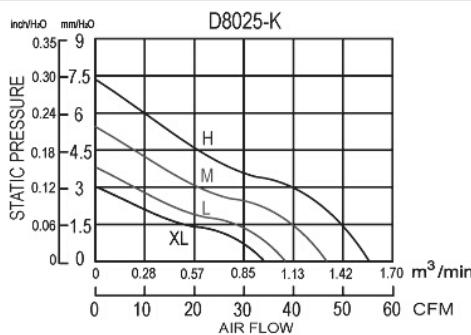


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D8025V12H-K	12	0.42	5.04	4300	0.29	7.4	55 1.56 40
D8025V12M-K	12	0.23	2.76	3600	0.21	5.4	46 1.31 36
D8025V12L-K	12	0.18	2.16	3000	0.15	3.9	38 1.09 31
D8025V12XL-K	12	0.13	1.56	2700	0.12	3.1	34 0.98 28
D8025V24H-K	24	0.21	5.04	4300	0.29	7.4	55 1.56 40
D8025V24M-K	24	0.16	3.84	3600	0.21	5.4	46 1.31 36
D8025V24L-K	24	0.10	2.40	3000	0.15	3.9	38 1.09 31
D8025V24XL-K	24	0.09	2.16	2700	0.12	3.1	34 0.98 28
D8025V48L-K	48	0.09	4.32	3000	0.15	3.9	38 1.09 31
D8025V48XL-K	48	0.07	3.36	2700	0.12	3.1	34 0.98 28

## AIR PERFORMANCE



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**D****8025D-YH2**

80X80X25mm(3.15"x3.15"x1")



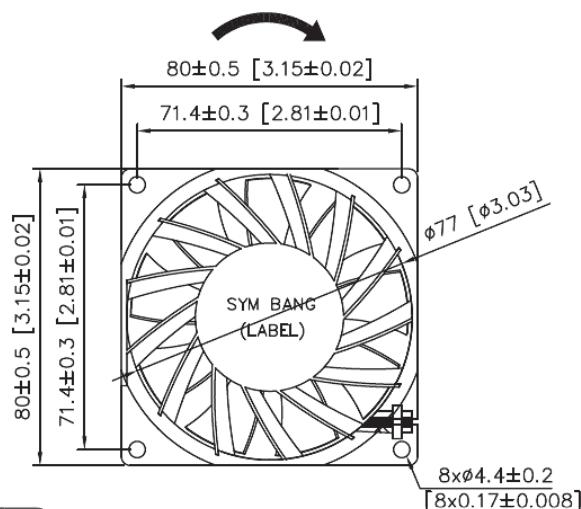
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
78 g  
Yes  
IP21 (Special IP Rating On Request)

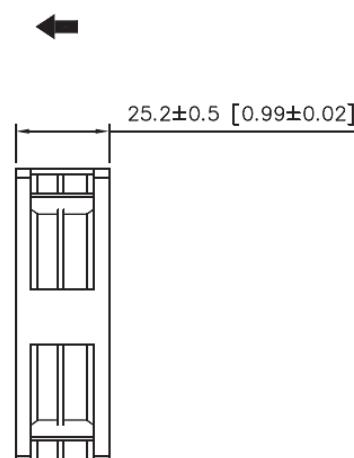
80 mm

**DIMENSION**

ROTATION DIRECTION



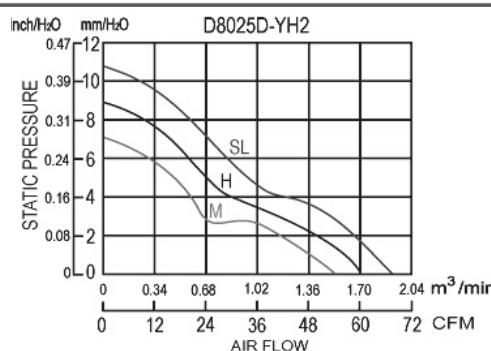
AIR FLOW



UNIT: mm[inch]

**SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D8025V12SLBD-YH2	12	0.72	8.64	5000	0.43	10.90	67.27	1.90	52.1
D8025V12HBD-YH2	12	0.50	6.00	4500	0.35	8.95	60.20	1.70	48.3
D8025V12MBD-YH2	12	0.34	4.08	4000	0.28	7.14	53.98	1.53	45.0
D8025V24SLBD-YH2	24	0.36	8.64	5000	0.43	10.90	67.27	1.90	52.1
D8025V24HBD-YH2	24	0.25	6.00	4500	0.35	8.95	60.20	1.70	48.3
D8025V24MBD-YH2	24	0.17	4.08	4000	0.28	7.14	53.98	1.53	45.0
D8025V48SLBD-YH2	48	0.20	9.60	5000	0.43	10.90	67.27	1.90	52.1
D8025V48HBD-YH2	48	0.13	6.24	4500	0.35	8.95	60.20	1.70	48.3
D8025V48MBD-YH2	48	0.10	4.80	4000	0.28	7.14	53.98	1.53	45.0

**AIR PERFORMANCE**

# D 8032-TK

80X80X32mm(3.15"x3.15"x1.26")

CE

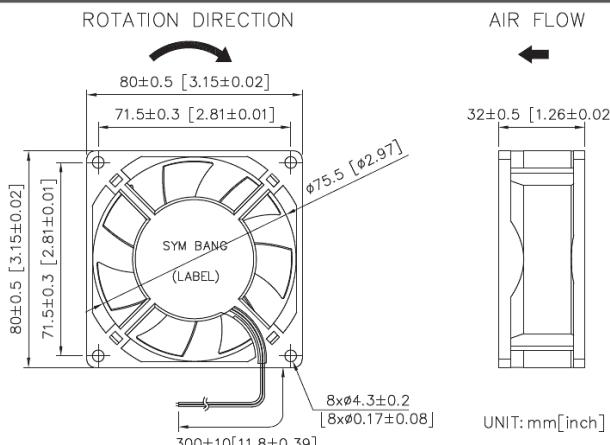


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
180 g  
YES  
IP21 (Special IP Rating On Request)

80 mm

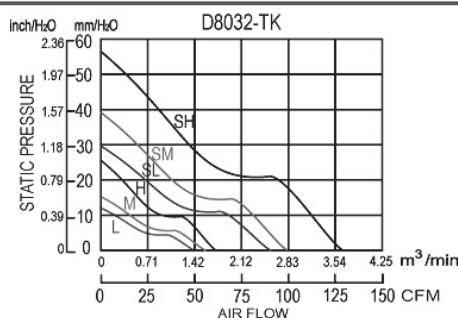
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D8032V12SH-TK	12	1.84	22.1	8500	1.30 32.90	107.1 3.03	63.5
D8032V12SM-TK	12	1.51	18.1	8000	1.16 29.53	100.8 2.85	61.2
D8032V12SL-TK	12	1.24	14.9	7000	0.88 22.39	88.9 2.52	54.2
D8032V12H-TK	12	0.96	11.5	6000	0.66 16.78	75.5 2.14	52.0
D8032V12M-TK	12	0.68	8.2	5000	0.46 11.63	61.3 1.74	50.3
D8032V12L-TK	12	0.40	4.8	4000	0.34 8.51	49.9 1.41	46.8
D8032V24SH-TK	24	0.92	22.1	8500	1.30 32.90	107.1 3.03	63.5
D8032V24SM-TK	24	0.76	18.2	8000	1.16 29.53	100.8 2.85	61.2
D8032V24SL-TK	24	0.62	14.9	7000	0.88 22.39	88.9 2.52	54.2
D8032V24H-TK	24	0.48	11.5	6000	0.66 16.78	75.5 2.14	52.0
D8032V24M-TK	24	0.34	8.2	5000	0.46 11.63	61.3 1.74	50.3
D8032V24M-TK	24	0.20	4.8	4000	0.34 8.51	49.9 1.41	46.8
D8032V48SH-TK	48	0.46	22.1	8500	1.30 32.90	107.1 3.03	63.5
D8032V48SM-TK	48	0.38	18.2	8000	1.16 29.53	100.8 2.85	61.2
D8032V48SL-TK	48	0.31	14.9	7000	0.88 22.39	88.9 2.52	54.2
D8032V48H-TK	48	0.24	11.5	6000	0.66 16.78	75.5 2.14	52.0
D8032V48M-TK	48	0.17	8.2	5000	0.46 11.63	61.3 1.74	50.3
D8032V48L-TK	48	0.10	4.8	4000	0.34 8.51	49.9 1.41	46.8

## AIR PERFORMANCE



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**D****8038D-YH1**

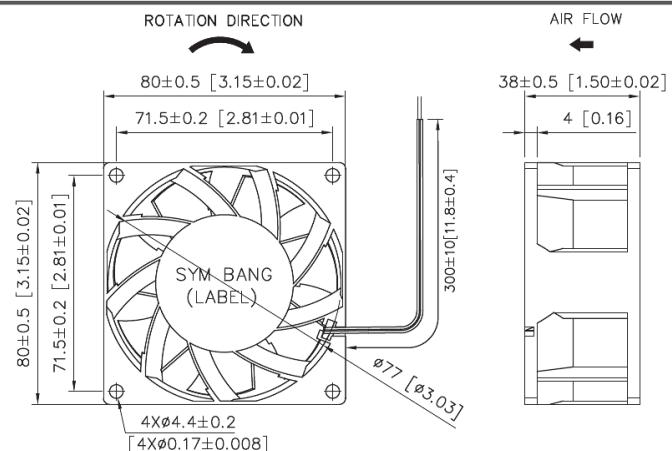
80X80X38mm(3.14"x3.14"x1.49")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
177.6 g  
Yes  
IP21 (Special IP Rating On Request)

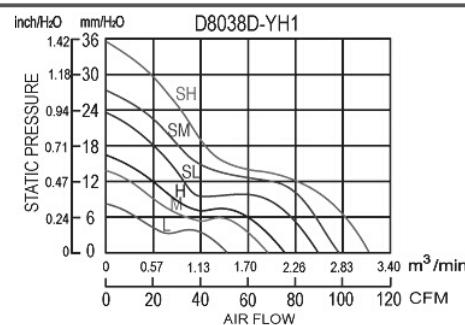
80 mm

**DIMENSION**

UNIT:mm[inch]

**SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D8038V12SHD-YH1	12	2.40	28.8	8500	1.40 35.67	111.87 3.17	66.6
D8038V12SMD-YH1	12	1.62	19.44	7500	1.09 27.59	97.41 2.76	63.5
D8038V12SLD-YH1	12	1.32	15.84	7000	0.94 23.76	89.97 2.55	61.0
D8038V12HD-YH1	12	0.92	11.04	6000	0.65 16.53	75.01 2.12	56.2
D8038V12MD-YH1	12	0.79	9.48	5500	0.55 13.91	68.55 1.94	54.2
D8038V12LD-YH1	12	0.40	4.80	4000	0.32 8.10	50.03 1.42	45.6
D8038V24SHD-YH1	24	0.90	21.6	8500	1.40 35.67	111.87 3.17	66.6
D8038V24SMD-YH1	24	0.80	19.20	7500	1.09 27.59	97.41 2.76	63.5
D8038V24SLD-YH1	24	0.68	16.32	7000	0.94 23.76	89.97 2.55	61.0
D8038V24HD-YH1	24	0.42	10.08	6000	0.65 16.53	75.01 2.12	56.2
D8038V24MD-YH1	24	0.34	8.16	5500	0.55 13.91	68.55 1.94	54.2
D8038V24LD-YH1	24	0.20	4.80	4000	0.32 8.10	50.03 1.42	45.6
D8038V48SHD-YH1	48	0.46	22.08	8500	1.40 35.67	111.87 3.17	66.6
D8038V48SMD-YH1	48	0.45	21.6	7500	1.09 27.59	97.41 2.76	63.5
D8038V48SLD-YH1	48	0.35	16.8	7000	0.94 23.76	89.97 2.55	61.0
D8038V48HD-YH1	48	0.20	9.60	6000	0.65 16.53	75.01 2.12	56.2
D8038V48MD-YH1	48	0.16	7.68	5500	0.55 13.91	68.55 1.94	54.2
D8038V48LD-YH1	48	0.10	4.80	4000	0.32 8.10	50.03 1.42	45.6

**AIR PERFORMANCE**

**D 9225**

92X92X25mm(3.62"x3.62"x0.98")

CE

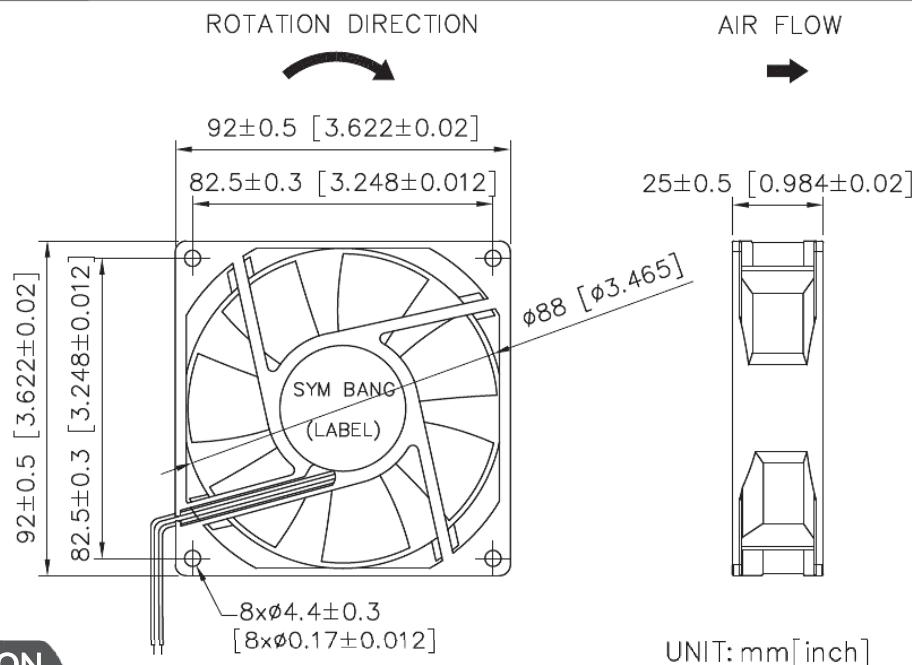


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
120 g  
Yes  
IP21 (Special IP Rating On Request)

**92 mm**

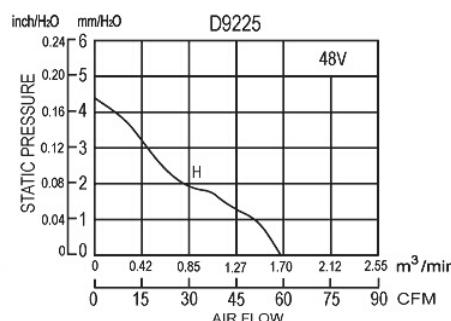
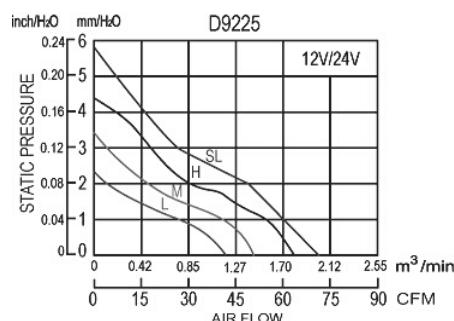
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D9225V12SL	12	0.42	5.04	3500	0.23	5.88	66.19	1.87	41
D9225V12H	12	0.32	3.84	3000	0.17	4.3	63.5	1.8	40
D9225V12M	12	0.20	2.4	2500	0.14	3.5	50.5	1.43	34
D9225V12L	12	0.16	1.92	2000	0.09	2.3	41.5	1.17	26
D9225V24M	24	0.14	3.36	2500	0.14	3.5	50.5	1.43	34
D9225V48H	48	0.15	5.76	3000	0.17	4.3	58.7	1.66	40

## AIR PERFORMANCE

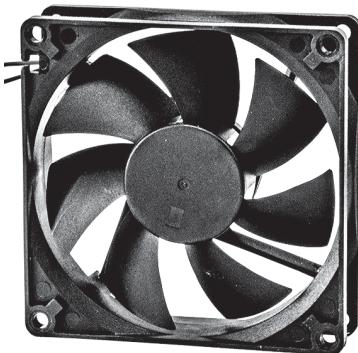


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# D9225-K

92X92X25mm(3.62"x3.62"x0.98")

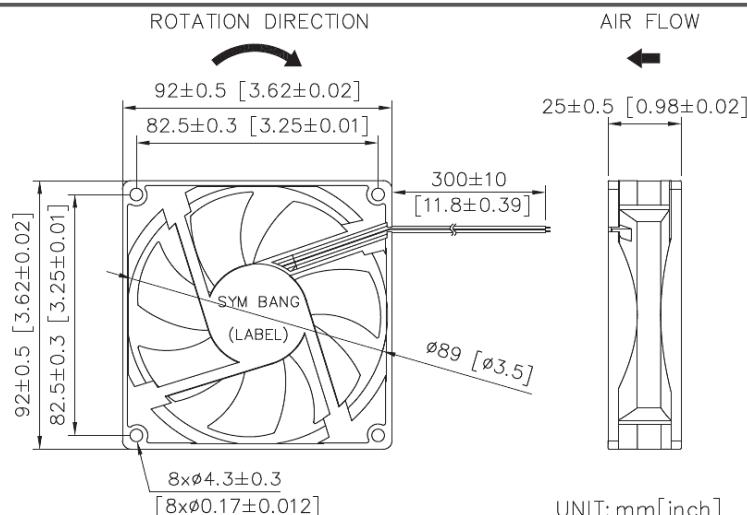


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to +70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
80 g  
Yes  
IP21 (Special IP Rating On Request)

92 mm

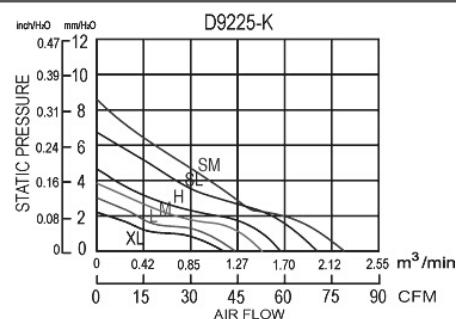
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D9225V12SM-K	12	0.38	4.56	4000	0.35	8.76	77.1
D9225V12SL-K	12	0.35	4.2	3800	0.26	6.6	69.2
D9225V12H-K	12	0.2	2.4	3200	0.18	4.7	58.3
D9225V12M-K	12	0.14	1.68	2850	0.16	3.9	52.1
D9225V12L-K	12	0.11	1.32	2450	0.11	2.9	44.8
D9225V12XL-K	12	0.09	1.08	2100	0.09	2.2	39.2
D9225V24SL-K	24	0.2	4.8	3800	0.26	6.6	69.2
D9225V24H-K	24	0.15	3.6	3200	0.18	4.7	58.3
D9225V24M-K	24	0.13	3.12	2850	0.16	3.9	52.1
D9225V24L-K	24	0.08	2.64	2450	0.11	2.9	44.8
D9225V24XL-K	24	0.06	1.44	2100	0.09	2.2	39.2
D9225V48H-K	48	0.12	5.76	3200	0.18	4.7	58.3
D9225V48M-K	48	0.08	3.84	2850	0.16	3.9	52.1
D9225V48L-K	48	0.06	2.88	2450	0.11	2.9	44.8
D9225V48XL-K	48	0.05	2.4	2100	0.09	2.2	39.2

## AIR PERFORMANCE



**D****9225D-YH2****CE**

92X92X25mm(3.62"x3.62"x0.98")

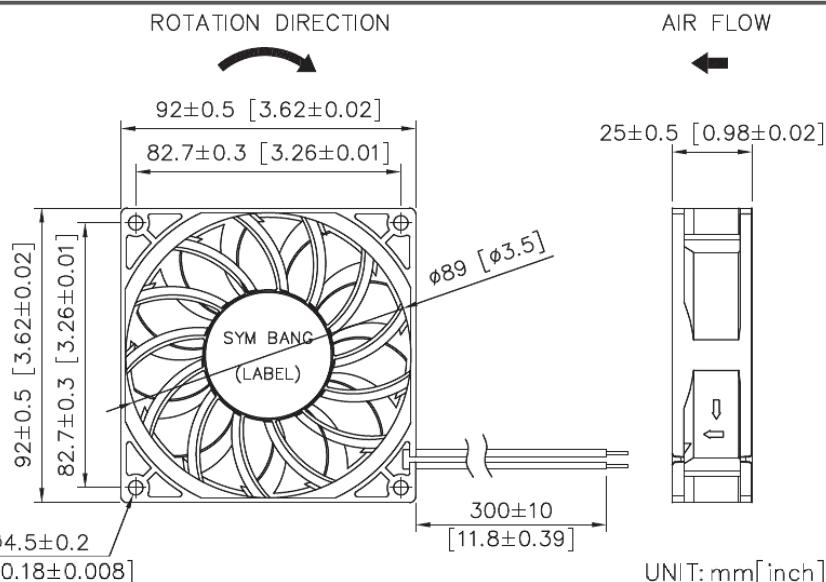


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
120 g  
Yes  
IP21 (Special IP Rating On Request)

**92 mm**

## DIMENSION

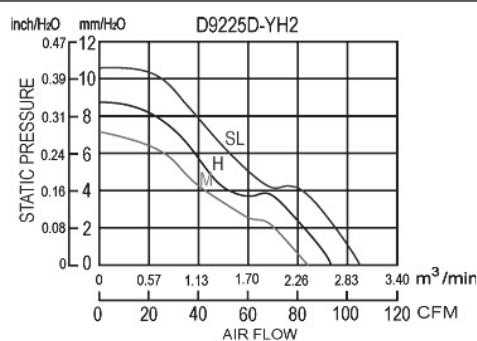


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D9225V12SLBD-YH2	12	0.75	9.00	5000	0.42	10.66	103.80	2.94	56.3
D9225V12HBD-YH2	12	0.55	6.60	4500	0.35	8.79	92.99	2.63	53.0
D9225V12MBD-YH2	12	0.40	4.80	4000	0.28	7.16	83.41	2.36	49.0
D9225V24SLBD-YH2	24	0.40	9.60	5000	0.42	10.66	103.80	2.94	56.3
D9225V24HBD-YH2	24	0.32	7.68	4500	0.35	8.79	92.99	2.63	53.0
D9225V24MBD-YH2	24	0.25	6.00	4000	0.28	7.16	83.41	2.36	49.0
D9225V48SLBD-YH2	48	0.20	9.60	5000	0.42	10.66	103.80	2.94	56.3
D9225V48HBD-YH2	48	0.17	8.16	4500	0.35	8.79	92.99	2.63	53.0
D9225V48MBD-YH2	48	0.13	6.24	4000	0.28	7.16	83.41	2.36	49.0

## AIR PERFORMANCE

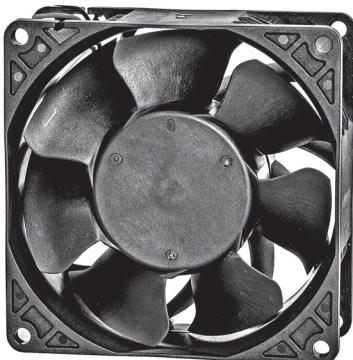


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# D9238D-K

92X92X38mm(3.62"x3.62"x1.50")

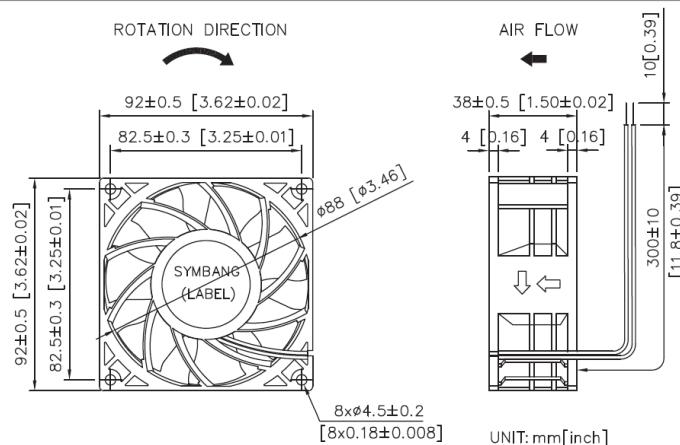


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 second  
10M Ω min. @500 VDC  
200 g  
Yes  
IP21 (Special IP Rating On Request)

92 mm

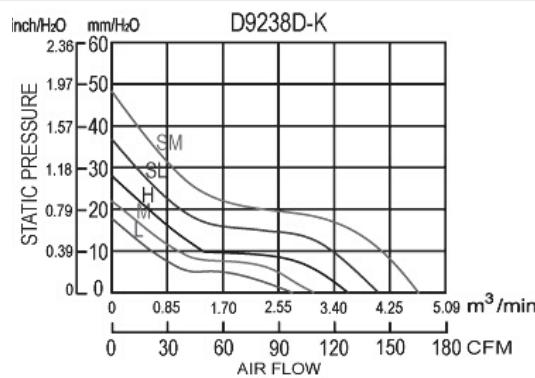
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D9238V12SMBD-K	12	2.95	35.4	8000	1.91	48.51	166.4	4.71	72
D9238V12SLBD-K	12	2.50	30.0	7000	1.46	37.08	145.6	4.12	67
D9238V12HBD-K	12	1.20	14.4	6000	1.12	28.45	123.4	3.50	64
D9238V12MBD-K	12	0.90	10.8	5000	0.86	21.84	109.2	3.09	58
D9238V12LBD-K	12	0.50	6.0	4300	0.70	17.78	97.1	2.75	52
D9238V24SMBD-K	24	1.70	40.8	8000	1.91	48.51	166.4	4.71	72
D9238V24SLBD-K	24	1.10	26.4	7000	1.46	37.08	145.6	4.12	67
D9238V24HBD-K	24	0.76	18.24	6000	1.12	28.45	123.4	3.50	64
D9238V24MBD-K	24	0.45	10.8	5000	0.86	21.84	109.2	3.09	58
D9238V24LBD-K	24	0.35	8.40	4300	0.70	17.78	97.1	2.75	52
D9238V48SMBD-K	48	0.94	45.12	8000	1.91	48.51	166.4	4.71	72
D9238V48SLBD-K	48	0.72	34.56	7000	1.46	37.08	145.6	4.12	67
D9238V48HBD-K	48	0.41	19.68	6000	1.12	28.45	123.4	3.50	64
D9238V48MBD-K	48	0.28	13.44	5000	0.86	21.84	109.2	3.09	58
D9238V48LBD-K	48	0.24	11.52	4300	0.70	17.78	97.1	2.75	52

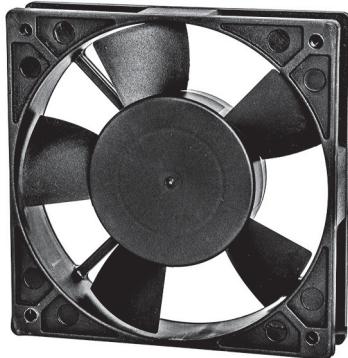
## AIR PERFORMANCE



# D 12025



120X120X25mm(4.72"x4.72"x0.98")

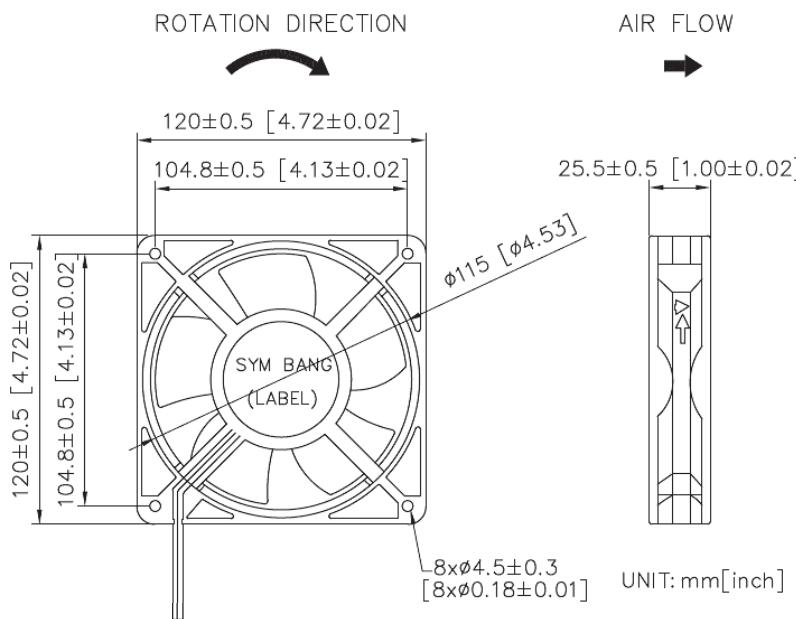


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
150 g  
Yes  
IP21 (Special IP Rating On Request)

# 120 mm

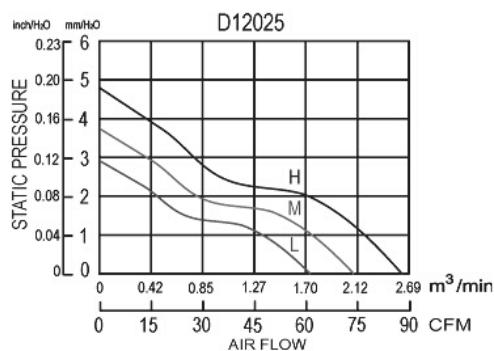
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D12025V12H	12	0.38	4.56	3000	0.19	4.8	88.3
D12025V12M	12	0.25	3	2500	0.15	3.8	74.5
D12025V12L	12	0.14	1.68	2000	0.11	2.9	61.4
D12025V24H	24	0.24	5.76	3000	0.19	4.8	88.3
D12025V24M	24	0.18	4.32	2500	0.15	3.8	74.5
D12025V24L	24	0.1	2.4	2000	0.11	2.9	61.4

## AIR PERFORMANCE



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# D12025-K



120X120X25mm(4.72"x4.72"x0.98")



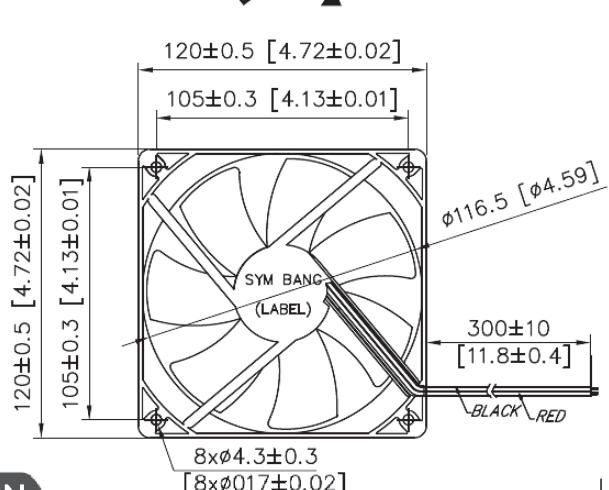
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
165 g  
Yes  
IP21 (Special IP Rating On Request)

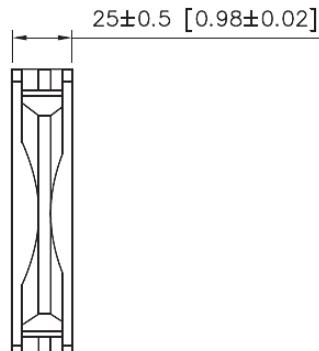
120 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

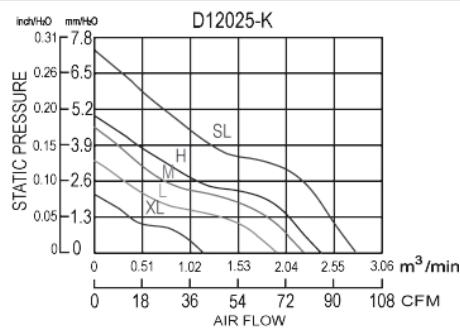


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @ 50cm
D12025V12H-K	12	0.28	3.36	2500	0.2	5.08	85.5 2.42 36
D12025V12M-K	12	0.2	2.4	2200	0.18	4.57	78.2 2.213 31
D12025V12L-K	12	0.18	2.16	1900	0.13	3.3	69.6 1.97 29
D12025V12XL-K	12	0.08	0.96	1200	0.08	2.03	40.6 1.149 19
D12025V24H-K	24	0.26	6.24	2500	0.2	5.08	85.5 2.42 36
D12025V24M-K	24	0.18	4.32	2200	0.18	4.57	78.2 2.213 31
D12025V24L-K	24	0.1	2.4	1900	0.13	3.3	69.6 1.97 29
D12025V24XL-K	24	0.05	1.2	1200	0.08	2.03	40.6 1.149 19

## AIR PERFORMANCE



**D****12038-03**

120X120X38mm(4.72"x4.72"x1.50")

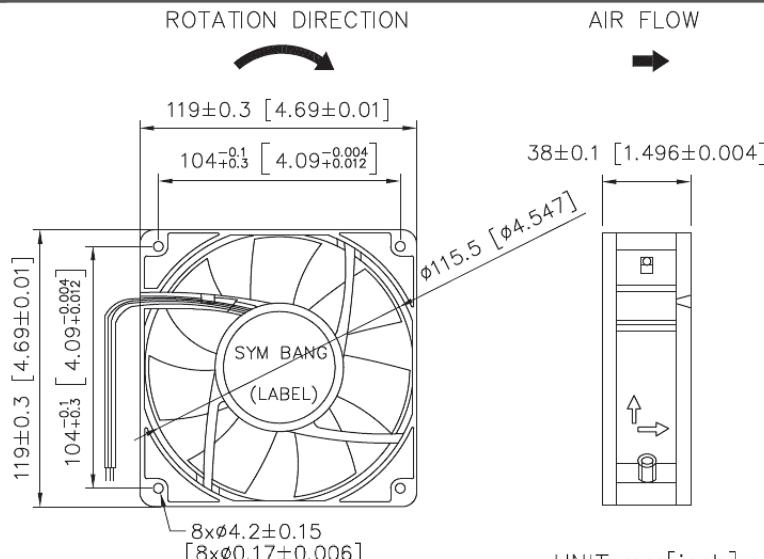


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
420 g  
Yes  
IP21 (Special IP Rating On Request)

# 120 mm

## DIMENSION

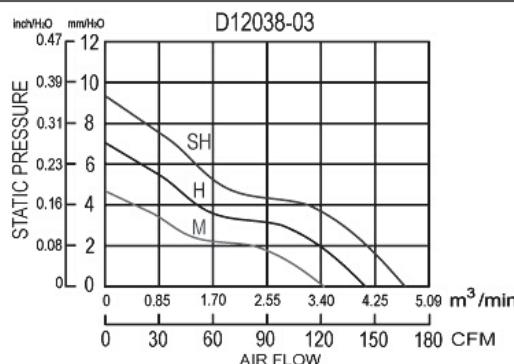


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D12038V12SH-03	12	1.8	21.6	3400	0.36 9.35	168 4.76	50
D12038V12H-03	12	1.1	13.2	2900	0.28 7.1	145 4.11	48
D12038V12M-03	12	1	12	2400	0.18 4.62	121 3.43	46
D12038V24SH-03	24	1.1	26.4	3400	0.36 9.35	168 4.76	50
D12038V24H-03	24	0.8	19.2	2900	0.28 7.1	145 4.11	48
D12038V24M-03	24	0.6	14.4	2400	0.18 4.62	121 3.43	46
D12038V48SH-03	48	0.5	24	3400	0.36 9.35	168 4.76	50
D12038V48H-03	48	0.4	19.2	2900	0.28 7.1	145 4.11	48
D12038V48M-03	48	0.18	8.64	2400	0.18 4.62	121 3.43	46

## AIR PERFORMANCE



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# D12038-K

120X120X38mm(4.72"x4.72"x1.50")

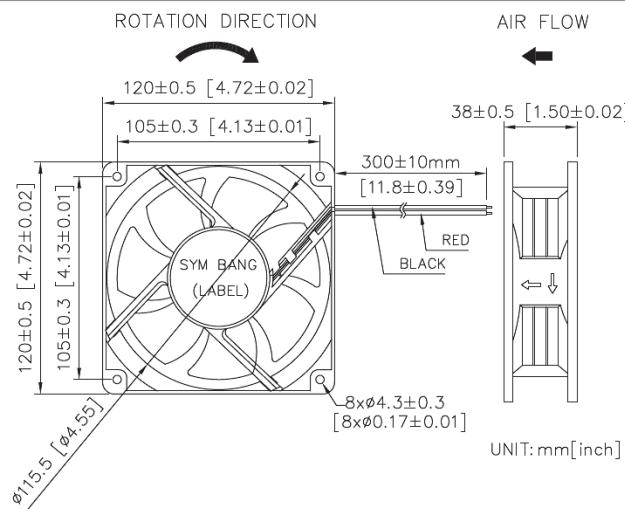


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
260 g  
Yes  
IP21 (Special IP Rating On Request)

120 mm

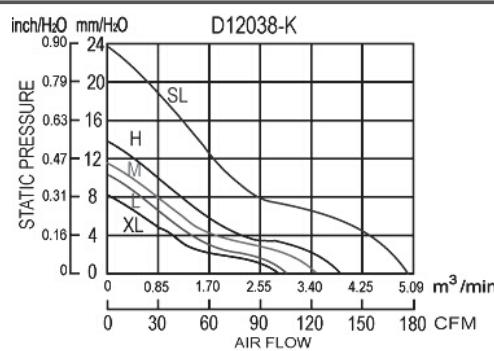
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D12038V12SLB-K	12	1.41	16.92	4200	0.94 23.8	178.4 5.05	54
D12038V12HB-K	12	0.8	9.6	3200	0.54 13.8	135.9 3.85	48
D12038V12MB-K	12	0.5	6	2900	0.45 11.3	123.2 3.49	44
D12038V12LB-K	12	0.4	4.8	2600	0.41 10.4	114.7 3.25	41
D12038V24SLB-K	24	0.8	19.2	4200	0.94 23.8	178.4 5.05	54
D12038V24HB-K	24	0.46	11.04	3200	0.54 13.8	135.9 3.85	48
D12038V24MB-K	24	0.4	9.6	2900	0.45 11.3	123.2 3.49	44
D12038V24LB-K	24	0.32	7.68	2600	0.41 10.4	114.7 3.25	41
D12038V24XLB-K	24	0.18	4.32	2300	0.18 4.62	121 3.43	38
D12038V48HB-K	48	0.3	14.4	3200	0.54 13.8	135.9 3.85	48
D12038V48MB-K	48	0.28	13.44	2900	0.45 11.3	123.2 3.49	44
D12038V48LB-K	48	0.14	6.72	2600	0.41 10.4	114.7 3.25	41
D12038V48XLB-K	48	0.09	4.32	2300	0.32 8.1	101.4 2.87	38

## AIR PERFORMANCE



**D 12738-C**

127X127X38mm(5"x5"x1.50")

**CE**

HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

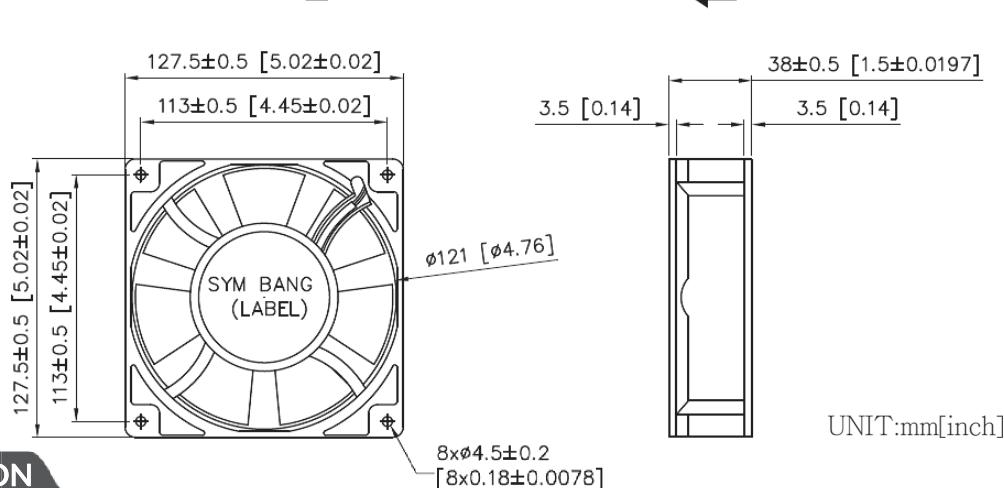
Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
400 g  
Yes  
IP21 (Special IP Rating On Request)

**127 mm**

## DIMENSION

ROTATION DIRECTION

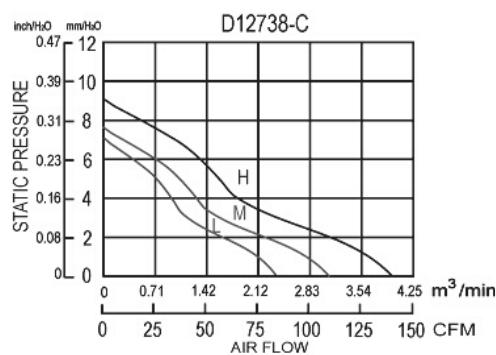
AIR FLOW



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D12738V12H-C	12	0.48	5.76	3000	0.35 8.89	140 4	45
D12738V12M-C	12	0.35	4.2	2500	0.3 7.62	110 3.1	38
D12738V12L-C	12	0.25	3	2000	0.28 7.11	85 2.4	32
D12738V24H-C	24	0.33	7.92	3000	0.35 8.89	140 4	45
D12738V24M-C	24	0.25	6	2500	0.3 7.62	110 3.1	38
D12738V24L-C	24	0.2	4.8	2000	0.28 7.11	85 2.4	32
D12738V48H-C	48	0.25	12	3000	0.35 8.89	140 4	45
D12738V48M-C	48	0.18	10.56	2500	0.3 7.62	110 3.1	38
D12738V48L-C	48	0.18	8.64	2000	0.28 7.11	85 2.4	32

## AIR PERFORMANCE



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# D14025-EC



140X140X25mm(5.51"x5.51"x0.98")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

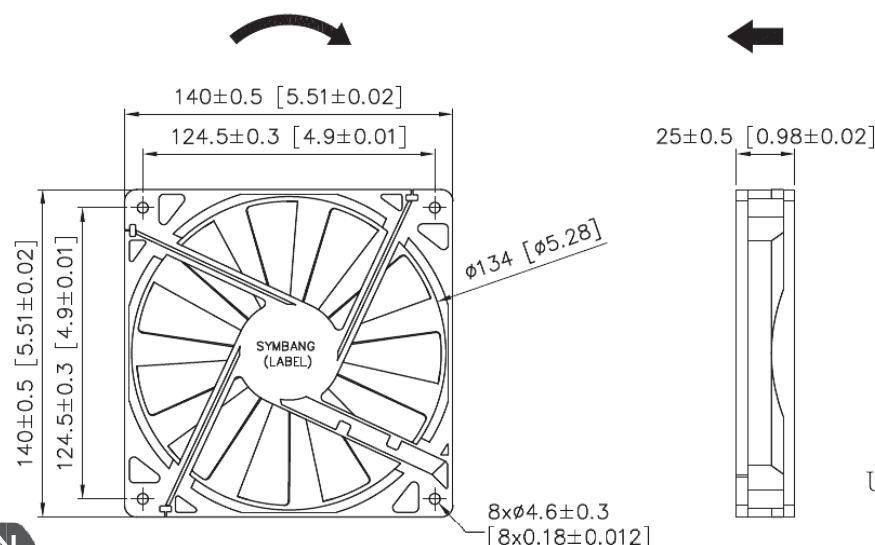
Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to +60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
165 g  
Yes  
IP21 (Special IP Rating On Request)

140 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

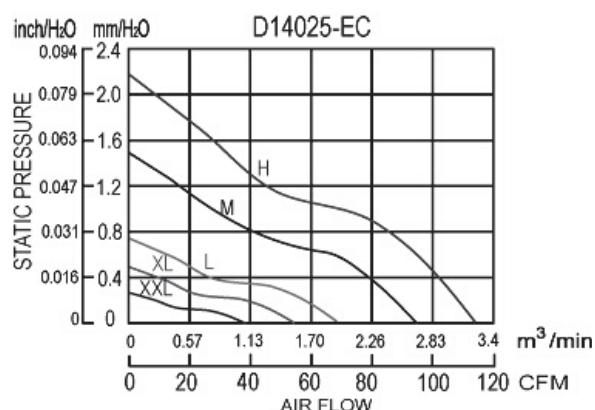


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D14025V12H-EC	12	0.72	8.64	1800	0.09 2.29	113.87 3.22	30.9
D14025V12M-EC	12	0.45	5.4	1500	0.06 1.52	94.89 2.68	26.9
D14025V12L-EC	12	0.28	3.36	1200	0.03 0.76	68.23 1.931	22.1
D14025V12XL-EC	12	0.18	2.16	900	0.02 0.51	56.74 1.606	15.8
D14025V12XXL-EC	12	0.1	1.2	600	0.01 0.25	38.58 1.092	7

## AIR PERFORMANCE



**D 15038-C**

CE

162X150X38mm(6.38"x5.91"x1.50")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

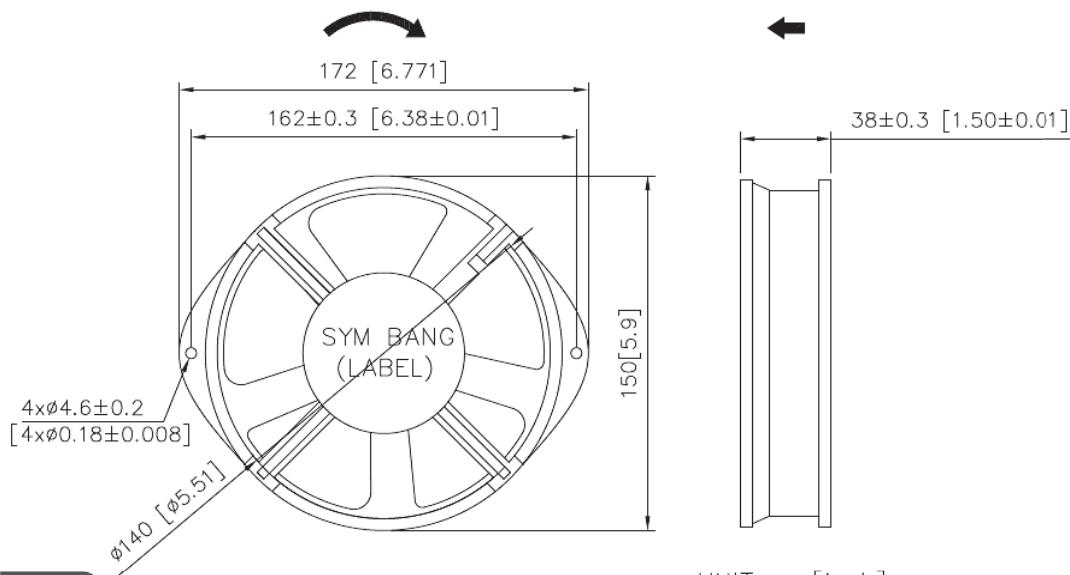
Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
625 g  
Yes  
IP21 (Special IP Rating On Request)

# 150 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

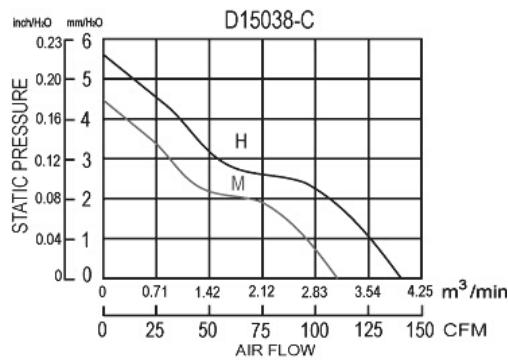


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D15038V12HB-C	12	0.75	9	2200	0.22	5.61	140	3.97	42
D15038V12MB-C	12	0.55	6.6	1800	0.18	4.48	110	3.12	38
D15038V24HB-C	24	0.4	9.6	2200	0.22	5.61	140	3.97	42
D15038V24MB-C	24	0.35	8.4	1800	0.18	4.48	110	3.12	38
D15038V48HB-C	48	0.23	11	2200	0.22	5.61	140	3.97	42
D15038V48MB-C	48	0.19	9.12	1800	0.18	4.48	110	3.12	38

## AIR PERFORMANCE



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# D 15055-DA



150X172X55mm(5.9"x6.77"x2.17")

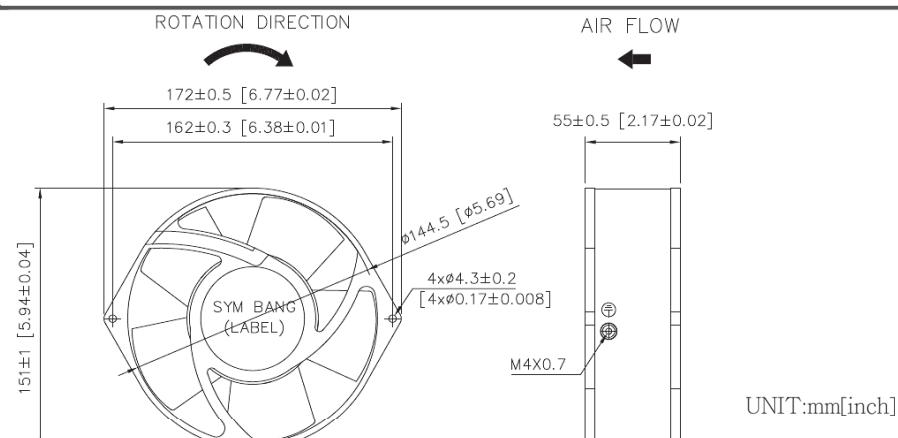


HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting, Painted Black  
 Thermoplastic PBT, UL94V-0  
 Ball  
 -10°C to + 70°C  
 5mA Max. at 500 VAC for 1 minute  
 10M Ω min. @500 VDC  
 1.03 kg  
 Yes  
 IP54 (Special IP Rating On Request)

150 mm

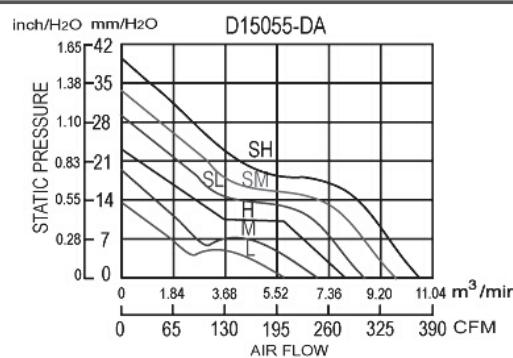
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D15055V12HB-DA	12	2.75	33.00	3600	0.9 22.9	275 7.78	61
D15055V12SLB-DA	12	3.73	44.76	4000	1.11 28.3	310 8.77	65
D15055V12LB-DA	12	1.31	15.72	2800	0.55 13.9	205 5.8	53
D15055V12MB-DA	12	1.88	22.56	3200	0.72 18.2	240 6.79	57
D15055V24SHB-DA	24	2.94	70.56	4800	1.56 39.7	375 10.61	73
D15055V24SMB-DA	24	2.41	51.36	4400	1.32 33.6	340 9.62	69
D15055V24SLB-DA	24	1.69	40.56	4000	1.11 28.3	310 8.77	65
D15055V24HB-DA	24	1.21	29.04	3600	0.9 22.9	275 7.78	61
D15055V24MB-DA	24	0.89	21.36	3200	0.72 18.2	240 6.79	57
D15055V24LB-DA	24	0.65	15.60	2800	0.55 13.9	205 5.8	53
D15055V48SHB-DA	48	1.48	71.04	4800	1.56 39.7	375 10.61	73
D15055V48SMB-DA	48	1.15	55.20	4400	1.32 33.6	340 9.62	69
D15055V48SLB-DA	48	0.79	37.92	4000	1.11 28.3	310 8.77	65
D15055V48HB-DA	48	0.60	28.80	3600	0.9 22.9	275 7.78	61
D15055V48MB-DA	48	0.45	21.60	3200	0.72 18.2	240 6.79	57
D15055V48LB-DA	48	0.33	15.84	2800	0.55 13.9	205 5.8	53

## AIR PERFORMANCE



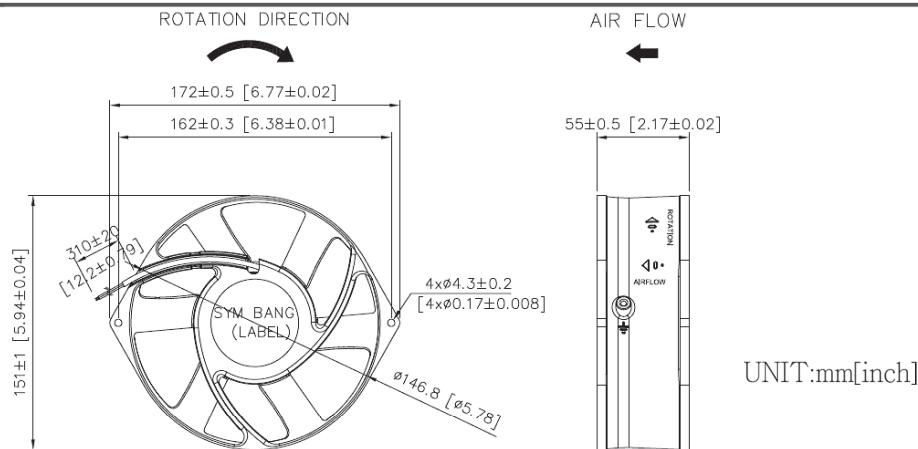
**D****15055M-DA****CE**150X172X55mm  
(5.9"x6.77"x2.17")

HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Metal  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1.04 kg  
Yes  
IP54 (Special IP Rating On Request)

# 150 mm

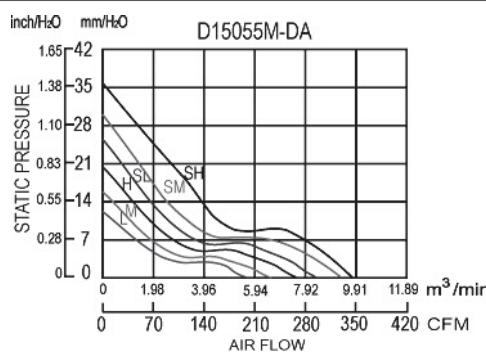
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D15055V12SLBM-DA	12	2.76	33.12	4000	1.01	25.6	295	8.35	68
D15055V12HBM-DA	12	2.39	28.68	3600	0.81	20.5	260	7.36	65
D15055V12MBM-DA	12	1.60	19.20	3200	0.63	15.9	230	6.51	62
D15055V12LBM-DA	12	1.17	14.04	2800	0.48	12.1	195	5.52	59
D15055V24SHBM-DA	24	2.30	55.20	4800	1.41	35.7	345	9.76	74
D15055V24SMBM-DA	24	1.80	43.20	4400	1.21	30.7	325	9.2	71
D15055V24SLBM-DA	24	1.38	33.12	4000	1.01	25.6	295	8.35	68
D15055V24HBM-DA	24	1.07	25.68	3600	0.81	20.5	260	7.36	65
D15055V24MBM-DA	24	0.77	18.48	3200	0.63	15.9	230	6.51	62
D15055V24LBM-DA	24	0.56	13.44	2800	0.48	12.1	195	5.52	59
D15055V48SHBM-DA	48	1.18	56.64	4800	1.41	35.7	345	9.76	74
D15055V48SMBM-DA	48	0.90	43.20	4400	1.21	30.7	325	9.2	71
D15055V48SLBM-DA	48	0.69	33.12	4000	1.01	25.6	295	8.35	68
D15055V48HBM-DA	48	0.51	24.48	3600	0.81	20.5	260	7.36	65
D15055V48MBM-DA	48	0.39	18.72	3200	0.63	15.9	230	6.51	62
D15055V48LBM-DA	48	0.28	13.44	2800	0.48	12.1	195	5.52	59

## AIR PERFORMANCE



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# D 17051



Ø172X51mm(Ø6.7"x2")



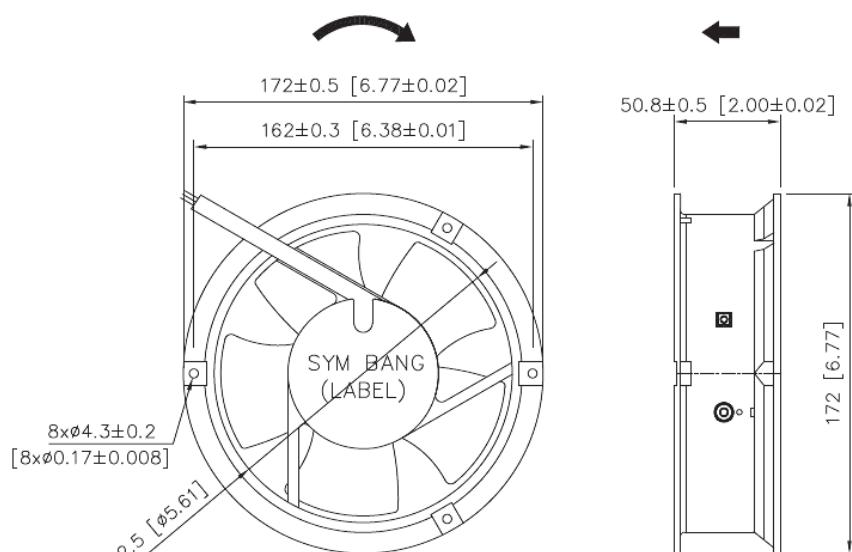
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
730 g  
Yes  
IP21 (Special IP Rating On Request)

170 mm

## DIMENSION

ROTATION DIRECTION      AIR FLOW

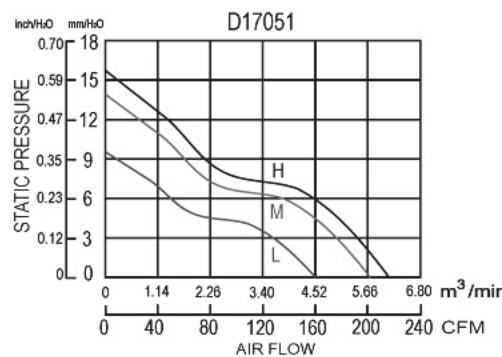


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D17051V24HB	24	0.8	19.2	3400	0.62	15.7	216	6.12	60
D17051V24MB	24	0.6	14.4	2900	0.54	13.9	202	5.69	56
D17051V24LB	24	0.45	10.8	2400	0.38	9.6	160	5.04	51
D17051V48HB	48	0.4	19.2	3400	0.62	15.7	216	6.12	60
D17051V48MB	48	0.35	16.8	2900	0.54	13.9	202	5.69	56
D17051V48LB	48	0.25	12	2400	0.38	9.6	160	5.04	51

## AIR PERFORMANCE



D

17051-DA

CE

Ø172X51mm(Ø6.7"x2.00")

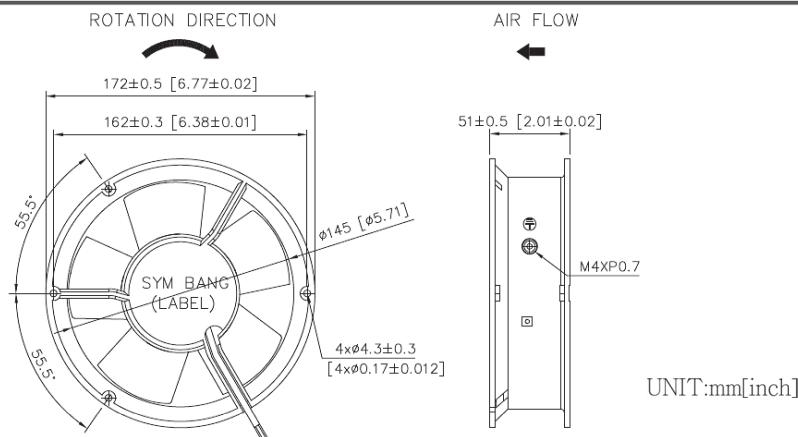


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1.1 Kg  
Yes  
IP54 (Special IP Rating On Request)

170 mm

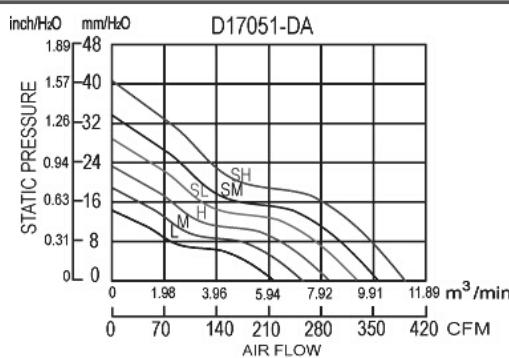
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D17051V12SLB-DA	12	3.73	44.76	4000	1.13	28.8	325	9.20	64
D17051V12HB-DA	12	2.75	33.00	3600	0.93	23.5	290	8.21	60
D17051V12MB-DA	12	1.88	22.56	3200	0.74	18.7	255	7.22	56
D17051V12LB-DA	12	1.31	15.72	2800	0.57	14.5	220	6.22	52
D17051V24SHB-DA	24	2.94	70.56	4800	1.59	40.3	390	11.04	72
D17051V24SMB-DA	24	2.41	57.84	4400	1.34	34.1	355	10.05	68
D17051V24SLB-DA	24	1.69	40.56	4000	1.13	28.8	325	9.20	64
D17051V24HB-DA	24	1.21	29.04	3600	0.93	23.5	290	8.21	60
D17051V24MB-DA	24	0.89	21.36	3200	0.74	18.7	255	7.22	56
D17051V24LB-DA	24	0.65	15.60	2800	0.57	14.5	220	6.22	52
D17051V48SHB-DA	48	1.48	71.04	4800	1.59	40.3	390	11.04	72
D17051V48SMB-DA	48	1.15	55.20	4400	1.34	34.1	355	10.05	68
D17051V48SLB-DA	48	0.79	37.92	4000	1.13	28.8	325	9.20	64
D17051V48HB-DA	48	0.60	28.80	3600	0.93	23.5	290	8.21	60
D17051V48MB-DA	48	0.45	24.60	3200	0.74	18.7	255	7.22	56
D17051V48LB-DA	48	0.33	15.84	2800	0.57	14.5	220	6.22	52

## AIR PERFORMANCE



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**D 17225-SU**

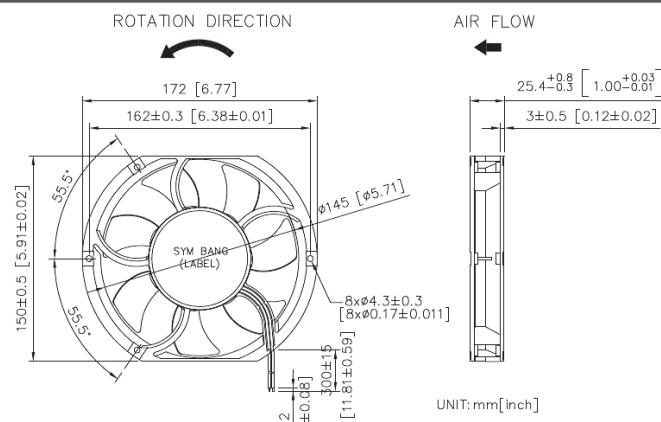
172X150X25mm(6.77"x5.91"x0.98")



HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball
TERMINATION	Lead Wire
OPERATING TEMPERATURE	-10°C to +60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	305 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

172 mm

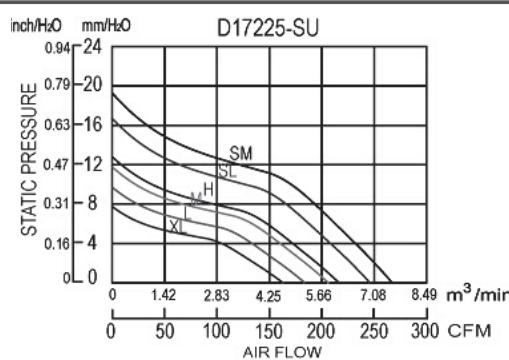
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	m <sup>3</sup> /min	NOISE dB(A) @1M
D17225V12HB-SU	12	1.40	16.8	3200	0.51	12.93	214.1	6.06	55
D17225V12MB-SU	12	1.10	13.2	3000	0.47	11.95	204.1	5.78	54
D17225V12LB-SU	12	0.80	9.6	2700	0.38	9.76	182.4	5.16	50
D17225V12XLB-SU	12	0.57	6.84	2400	0.31	7.84	162.8	4.61	48
D17225V24SMB-SU	24	1.30	31.2	4000	0.76	19.32	264.2	7.48	61
D17225V24SLB-SU	24	0.95	22.8	3600	0.66	16.8	245.3	6.94	58
D17225V24HB-SU	24	0.70	16.8	3200	0.51	12.93	214.1	6.06	55
D17225V24MB-SU	24	0.55	13.2	3000	0.47	11.95	204.1	5.78	54
D17225V24LB-SU	24	0.40	9.6	2700	0.38	9.46	182.4	5.16	50
D17225V24XLB-SU	24	0.28	6.72	2400	0.31	7.84	162.9	4.61	48
D17225V48SMB-SU	48	0.75	36	4000	0.76	19.32	264.2	7.48	61
D17225V48SLB-SU	48	0.59	28.32	3600	0.66	16.8	245.3	6.94	58
D17225V48HB-SU	48	0.36	17.28	3200	0.51	12.93	214.1	6.06	55
D17225V48MB-SU	48	0.31	14.88	3000	0.47	11.95	204.1	5.78	54
D17225V48LB-SU	48	0.23	11.04	2700	0.38	9.46	182.4	5.16	50
D17225V48XLB-SU	48	0.18	8.64	2400	0.31	7.84	162.9	4.61	48

## AIR PERFORMANCE



D

17238-DA

CE

172X151X38mm(6.77"x5.94"x1.5")

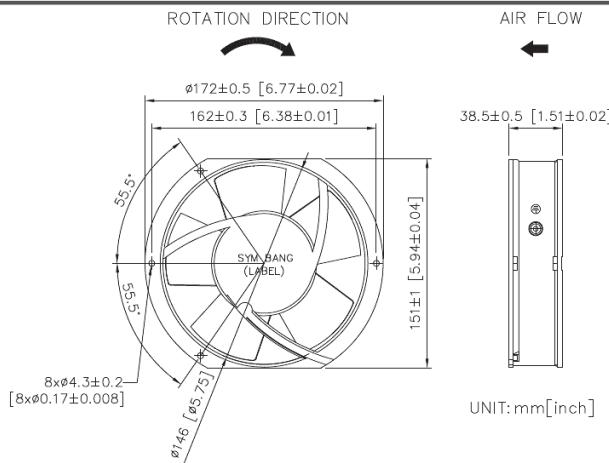


HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting, Painted Black  
 Thermoplastic PBT, UL94V-0  
 Ball  
 -10°C to + 70°C  
 5mA Max. at 500 VAC for 1 minute  
 10M Ω min. @500 VDC  
 840 g  
 Yes  
 IP54 (Special IP Rating On Request)

172 mm

## DIMENSION

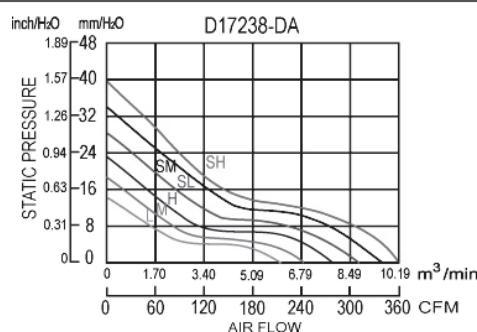


DC Fans &amp; Blowers

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @50cm
D17238V12SLB-DA	12	3.33	39.96	4000	1.12	28.5	310	8.8	64
D17238V12HB-DA	12	2.34	28.08	3600	0.91	23.1	275	7.8	60
D17238V12MB-DA	12	1.3	15.6	3200	0.73	18.6	245	6.9	56
D17238V12LB-DA	12	1.1	13.2	2800	0.57	14.5	210	5.9	52
D17238V24SHB-DA	24	2.34	56.16	4800	1.54	39.2	360	10.2	72
D17238V24SMB-DA	24	1.91	45.84	4400	1.32	33.4	340	9.6	68
D17238V24SLB-DA	24	1.38	33.12	4000	1.12	28.5	310	8.8	64
D17238V24HB-DA	24	1.08	25.92	3600	0.91	23.1	275	7.8	60
D17238V24MB-DA	24	0.78	18.72	3200	0.73	18.6	245	6.9	56
D17238V24LB-DA	24	0.54	12.96	2800	0.57	14.5	210	2.9	52
D17238V48SHB-DA	48	1.13	54.24	4800	1.54	39.2	360	10.2	72
D17238V48SMB-DA	48	0.9	43.2	4400	1.32	33.4	340	9.6	68
D17238V48SLB-DA	48	0.68	32.64	4000	1.12	28.5	310	8.8	64
D17238V48HB-DA	48	0.52	24.96	3600	0.91	23.1	275	7.8	60
D17238V48MB-DA	48	0.37	17.76	3200	0.76	18.6	245	6.9	56
D17238V48LB-DA	48	0.28	13.44	2800	0.57	14.5	210	2.9	52

## AIR PERFORMANCE



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# D 17238M

172X151X38mm(6.8"x5.9"x1.5")

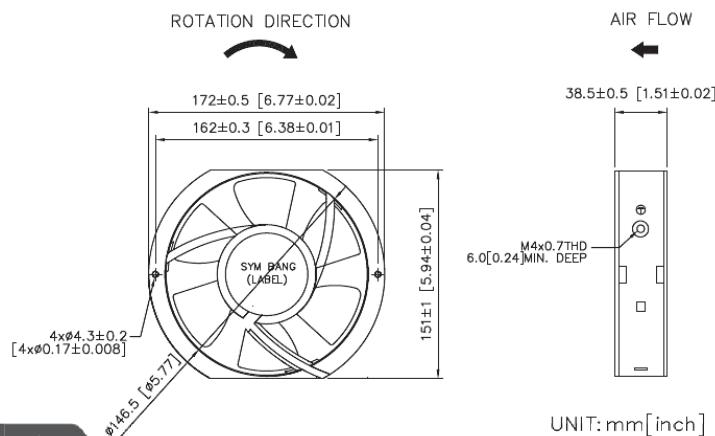


HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting, Painted Black  
 Metal  
 Ball  
 -10°C to +70°C  
 5mA Max. at 500 VAC for 1 minute  
 10M Ω min. @500 VDC  
 880 g  
 Yes  
 IP21 (Special IP Rating On Request)

172 mm

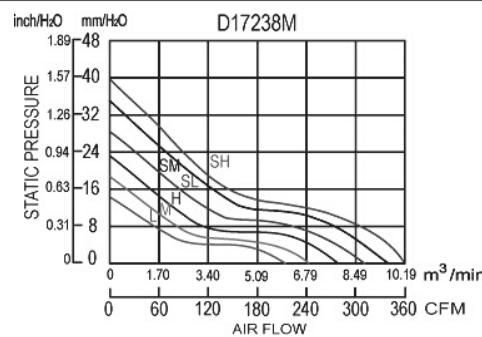
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D17238V12SLBM	12	3.33	39.96	4000	1.12	28.5	310 8.77 64
D17238V12HBM	12	2.34	28.08	3600	0.91	23.1	275 7.78 60
D17238V12MBM	12	1.59	19.08	3200	0.73	18.6	245 6.93 56
D17238V12LBM	12	1.1	13.2	2800	0.57	14.5	210 5.94 52
D17238V24SHBM	24	2.34	56.16	4800	1.54	39.2	360 10.19 72
D17238V24SMBM	24	1.91	45.84	4400	1.32	33.4	340 9.62 68
D17238V24SLBM	24	1.38	33.12	4000	1.12	28.5	310 8.77 64
D17238V24HBM	24	1.08	25.92	3600	0.91	23.1	275 7.78 60
D17238V24MBM	24	0.78	18.72	3200	0.73	18.6	245 6.93 56
D17238V24LBM	24	0.54	12.96	2800	0.57	14.5	210 5.94 52
D17238V48SHBM	48	1.13	54.24	4800	1.54	39.2	360 10.19 72
D17238V48SMBM	48	0.9	43.2	4400	1.31	33.4	340 9.62 68
D17238V48SLBM	48	0.68	32.64	4000	1.12	28.5	310 8.77 64
D17238V48HBM	48	0.52	24.96	3600	0.91	23.1	275 7.78 60
D17238V48MBM	48	0.37	17.76	3200	0.73	18.6	245 6.93 56
D17238V48LBM	48	0.28	13.44	2800	0.57	14.5	210 5.94 52

## AIR PERFORMANCE



**D****17251**

172X151X51mm(6.77"x5.94"x2")

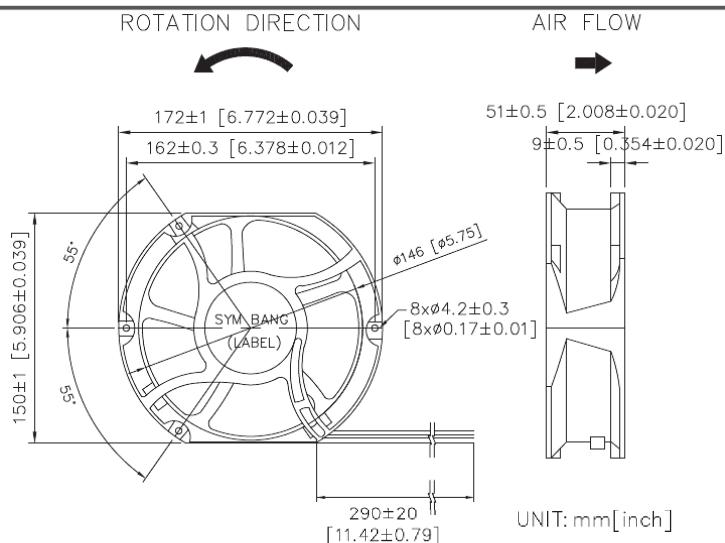


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
792 g  
Yes  
IP21 (Special IP Rating On Request)

**172 mm**

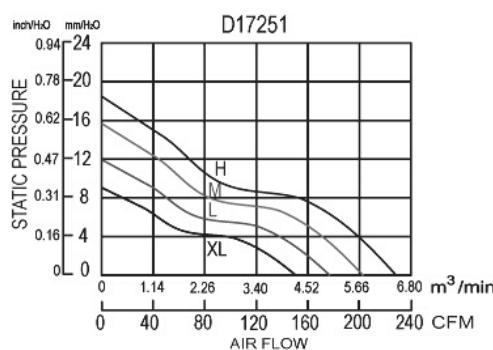
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D17251V12H	12	1.90	23.0	3400	0.73 18.50	228 6.46	58
D17251V12M	12	1.40	16.8	3000	0.62 15.75	203 5.75	56
D17251V12L	12	0.85	10.2	2600	0.47 11.94	175 4.96	52
D17251V12XL	12	0.60	7.2	2200	0.36 9.14	149 4.22	46
D17251V24H	24	0.87	21.0	3400	0.73 18.50	228 6.46	58
D17251V24M	24	0.65	16.0	3000	0.62 15.75	203 5.75	56
D17251V24L	24	0.44	10.5	2600	0.47 11.94	175 4.96	52
D17251V24XL	24	0.30	7.4	2200	0.36 9.14	149 4.22	46
D17251V48H	48	0.50	24.0	3400	0.73 18.50	228 6.46	58
D17251V48M	48	0.35	17.0	3000	0.62 15.75	203 5.75	56
D17251V48L	48	0.28	13.0	2600	0.47 11.94	175 4.96	52
D17251V48XL	48	0.19	9.0	2200	0.36 9.14	149 4.22	46

## AIR PERFORMANCE



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# D17251-C

172X151X51mm(6.77"x5.94"x2")



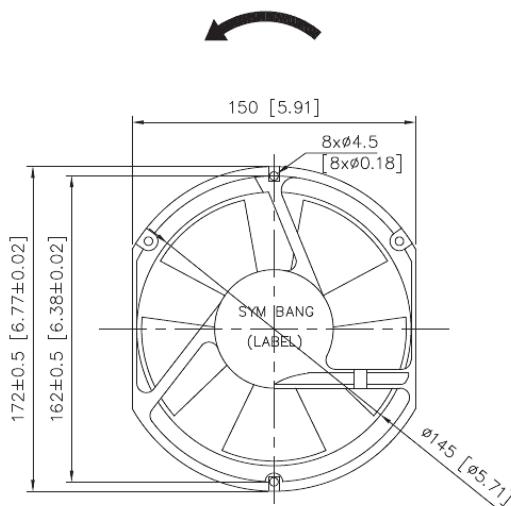
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1 kg  
Yes  
IP21 (Special IP Rating On Request)

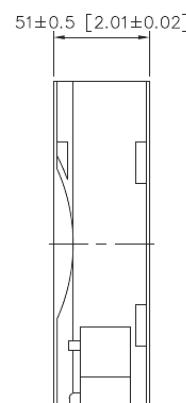
172 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

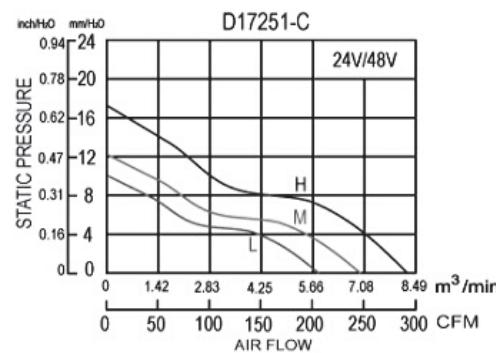
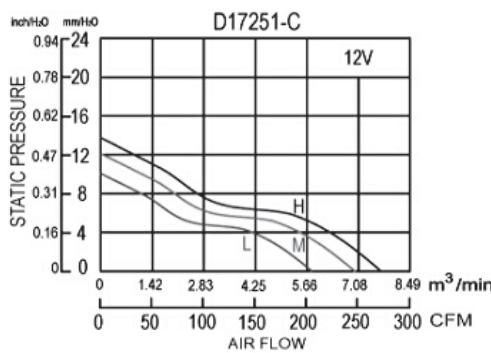


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D17251V12HB-C	12	2.20	26.4	3150	0.53 13.53	270 7.64	60
D17251V12MB-C	12	1.80	21.6	2900	0.47 12.10	245 6.94	58
D17251V12LB-C	12	1.10	13.2	2400	0.40 10.16	205 5.80	53
D17251V24HB-C	24	1.20	28.8	3400	0.67 17.05	290 8.23	63
D17251V24MB-C	24	0.77	18.48	2900	0.47 12.10	245 6.94	58
D17251V24LB-C	24	0.48	11.52	2400	0.40 10.16	205 5.80	53
D17251V48HB-C	48	0.73	35.04	3400	0.67 17.05	290 8.23	63
D17251V48MB-C	48	0.38	18.24	2900	0.47 12.10	245 6.94	58
D17251V48LB-C	48	0.25	12.00	2400	0.40 10.16	205 5.80	53

## AIR PERFORMANCE

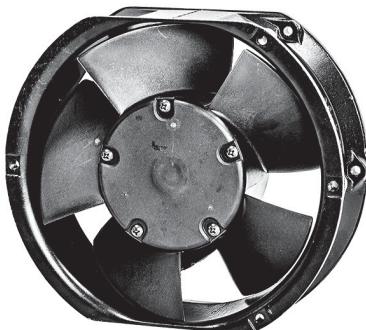


D

17251-DA

CE

172X151X51mm(6.77"x5.94"x2")

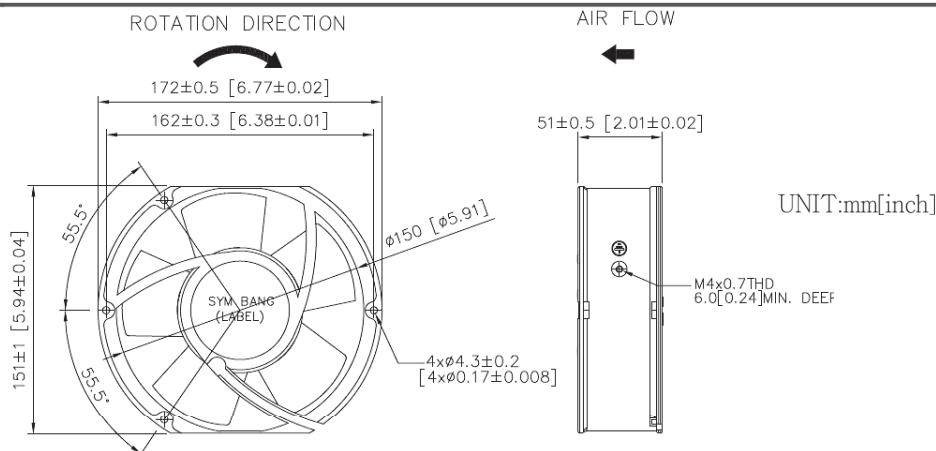


HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting, Painted Black  
 Thermoplastic PBT, UL94V-0  
 Ball  
 -10°C to + 70°C  
 5mA Max. at 500 VAC for 1 minute  
 10M  $\Omega$  min. @500 VDC  
 1.07 kg  
 Yes  
 IP54 (Special IP Rating On Request)

172 mm

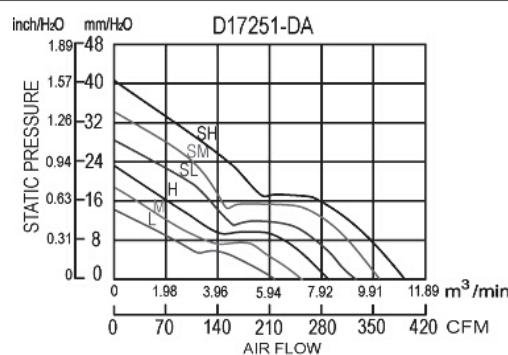
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D17251V12SLB-DA	12	3.73	44.76	4000	1.13	28.8	325	9.20	64
D17251V12HB-DA	12	2.75	33.00	3600	0.93	23.5	290	8.21	60
D17251V12MB-DA	12	1.88	22.56	3200	0.74	18.7	255	7.22	56
D17251V12LB-DA	12	1.31	17.72	2800	0.57	14.5	220	6.23	52
D17251V24SHB-DA	24	2.94	70.56	4800	1.59	40.3	390	11.04	72
D17251V24SMB-DA	24	2.41	57.84	4400	1.34	34.1	355	10.05	68
D17251V24SLB-DA	24	1.69	40.56	4000	1.13	28.8	325	9.20	64
D17251V24HB-DA	24	1.21	29.04	3600	0.93	23.5	290	8.21	60
D17251V24MB-DA	24	0.89	21.36	3200	0.74	18.7	255	7.22	56
D17251V24LB-DA	24	0.65	15.60	2800	0.57	14.5	220	6.23	52
D17251V48SHB-DA	48	1.48	70.04	4800	1.59	40.3	390	11.04	72
D17251V48SMB-DA	48	1.15	55.20	4400	1.34	34.1	355	10.05	68
D17251V48SLB-DA	48	0.79	37.92	4000	1.13	28.8	325	9.20	64
D17251V48HB-DA	48	0.60	28.80	3600	0.93	23.5	290	8.21	60
D17251V48MB-DA	48	0.45	21.6	3200	0.74	18.7	255	7.22	56
D17251V48LB-DA	48	0.33	15.84	2800	0.57	14.5	220	6.23	52

## AIR PERFORMANCE



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# D 17251M



172X151X51mm(6.77"x5.94"x2")

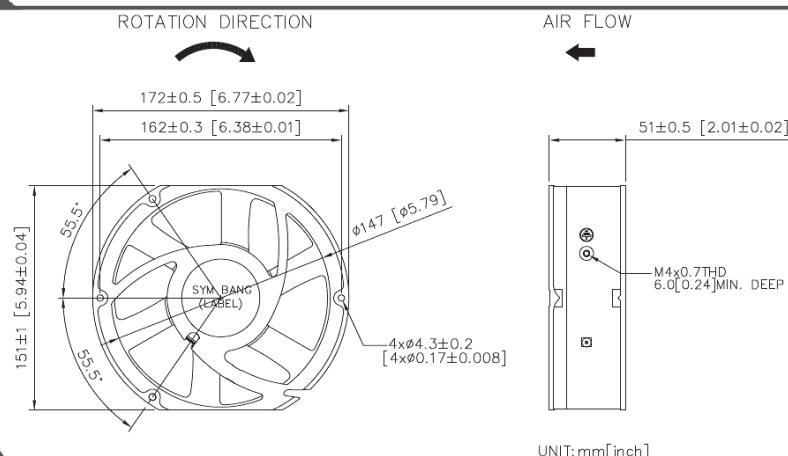


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Metal  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1.15 kg  
Yes  
IP21 (Special IP Rating On Request)

172 mm

## DIMENSION

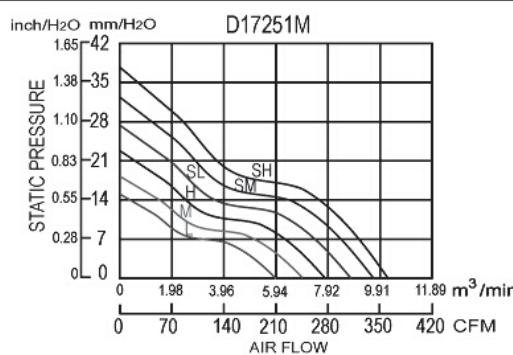


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M		
D17251V12SLBM	12	3.40	40.8	4000	1.10	27.8	310	8.77	64
D17251V12HBM	12	2.37	28.44	3600	0.89	22.7	275	7.78	60
D17251V12MBM	12	1.65	19.8	3200	0.71	18.1	245	6.93	56
D17251V12LBM	12	1.08	12.96	2800	0.56	14.2	210	5.94	52
D17251V24SHBM	24	2.24	53.76	4800	1.49	37.8	360	10.19	72
D17251V24SMBM	24	1.88	45.12	4400	1.30	32.9	340	9.62	68
D17251V24SLBM	24	1.36	32.64	4000	1.10	27.8	310	8.77	64
D17251V24HBM	24	1.10	26.4	3600	0.89	22.7	275	7.78	60
D17251V24MBM	24	0.76	18.24	3200	0.71	18.1	245	6.93	56
D17251V24LBM	24	0.54	12.96	2800	0.56	14.2	210	5.94	52
D17251V48SHBM	48	1.12	53.76	4800	1.49	37.8	360	10.19	72
D17251V48SMBM	48	0.94	45.12	4400	1.30	32.9	340	9.62	68
D17251V48SLBM	48	0.68	32.64	4000	1.10	27.8	310	8.77	64
D17251V48HBM	48	0.53	25.44	3600	0.89	22.7	275	7.78	60
D17251V48MBM	48	0.38	18.24	3200	0.71	18.1	245	6.93	56
D17251V48LBM	48	0.27	12.96	2800	0.56	14.2	210	5.94	52

## AIR PERFORMANCE



**D 17689**

176X176X89mm(6.92"x6.92"x3.5")

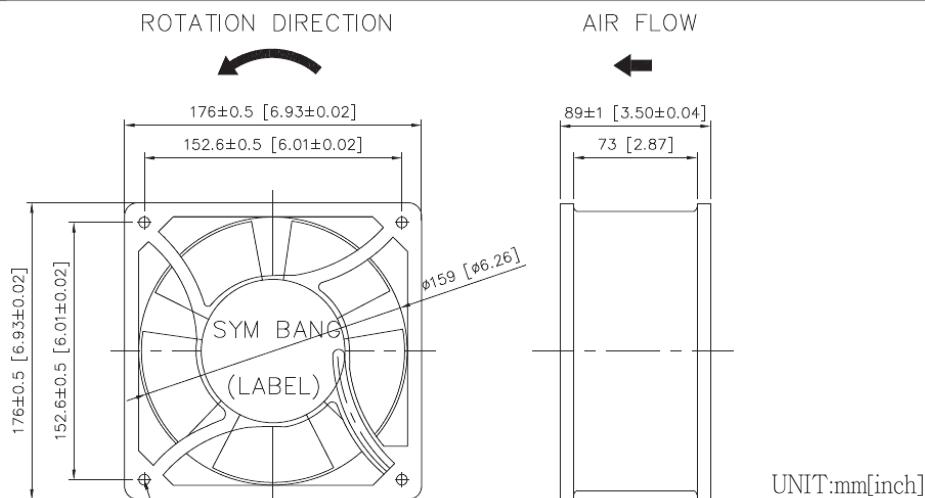
CE



HOUSING	Aluminum Die Casting, Painted Black
IMPELLER	Thermoplastic PBT+ 30% Glass Fiber
BEARING	Ball
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	1.7 kg
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

176 mm

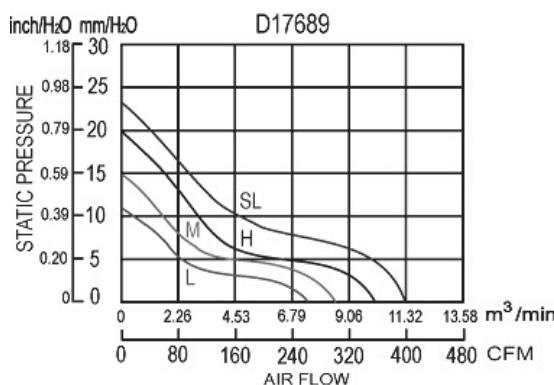
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D17689V24SL	24	2.20	52.8	3500	0.91 23	400 11.3	65
D17689V24H	24	1.60	38.4	3100	0.79 20	350 9.9	56
D17689V24M	24	0.88	21.1	2600	0.59 15	300 8.5	47
D17689V24L	24	0.66	15.8	2300	0.43 11	260 7.4	42
D17689V48SL	48	1.10	52.8	3500	0.91 23	400 11.3	65
D17689V48H	48	0.80	38.4	3100	0.79 20	350 9.9	56
D17689V48M	48	0.44	21.1	2600	0.59 15	300 8.5	47
D17689V48L	48	0.33	15.8	2300	0.43 11	260 7.4	42

## AIR PERFORMANCE



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# D 18065

180X180X65mm(7.09"x7.09"x2.56")

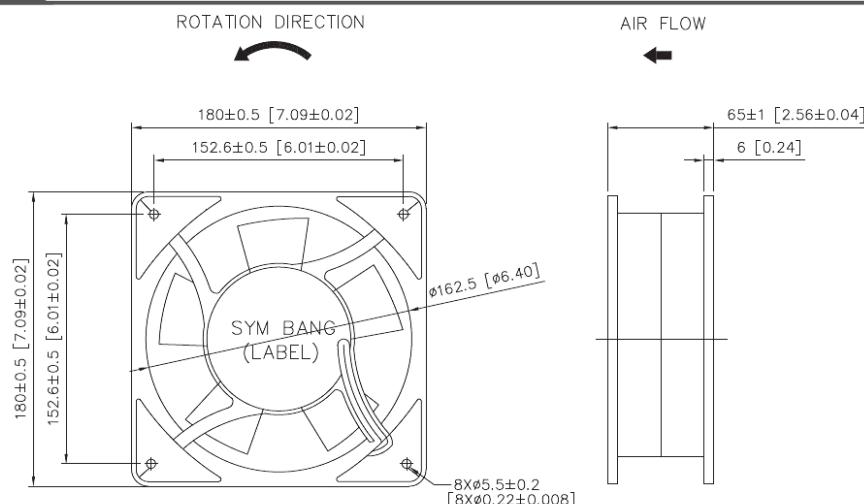


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT+ 30% Glass Fiber  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1.5 kg  
Yes  
IP21 (Special IP Rating On Request)

180 mm

## DIMENSION

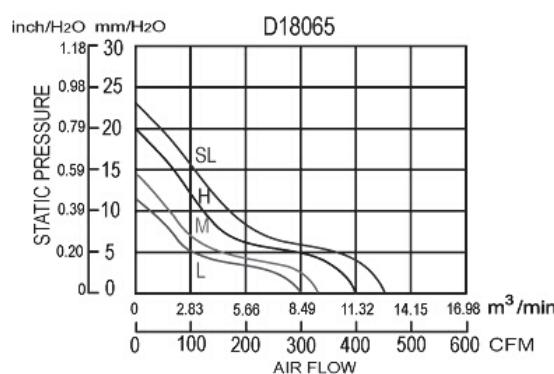


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D18065V24SL	24	2.20	52.8	3500	0.91	23.0	450 12.7 65
D18065V24H	24	1.6	38.4	3100	0.79	20.0	400 11.3 56
D18065V24M	24	0.88	21.1	2600	0.57	14.5	330 9.3 47
D18065V24L	24	0.66	15.8	2300	0.45	11.5	300 8.5 42
D18065V48SL	48	1.10	52.8	3500	0.91	23.0	450 12.7 65
D18065V48H	48	0.80	38.4	3100	0.79	20.0	400 11.3 56
D18065V48M	48	0.44	21.1	2600	0.57	14.5	330 9.3 47
D18065V48L	48	0.33	15.8	2300	0.45	11.5	300 8.5 42

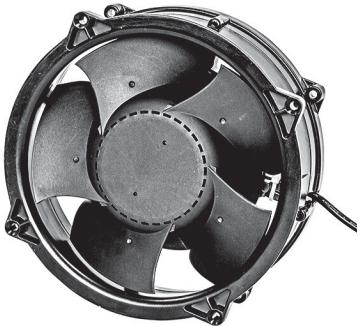
## AIR PERFORMANCE



# D 20070

CE

Ø200X70mm(Ø7.87"x2.76")

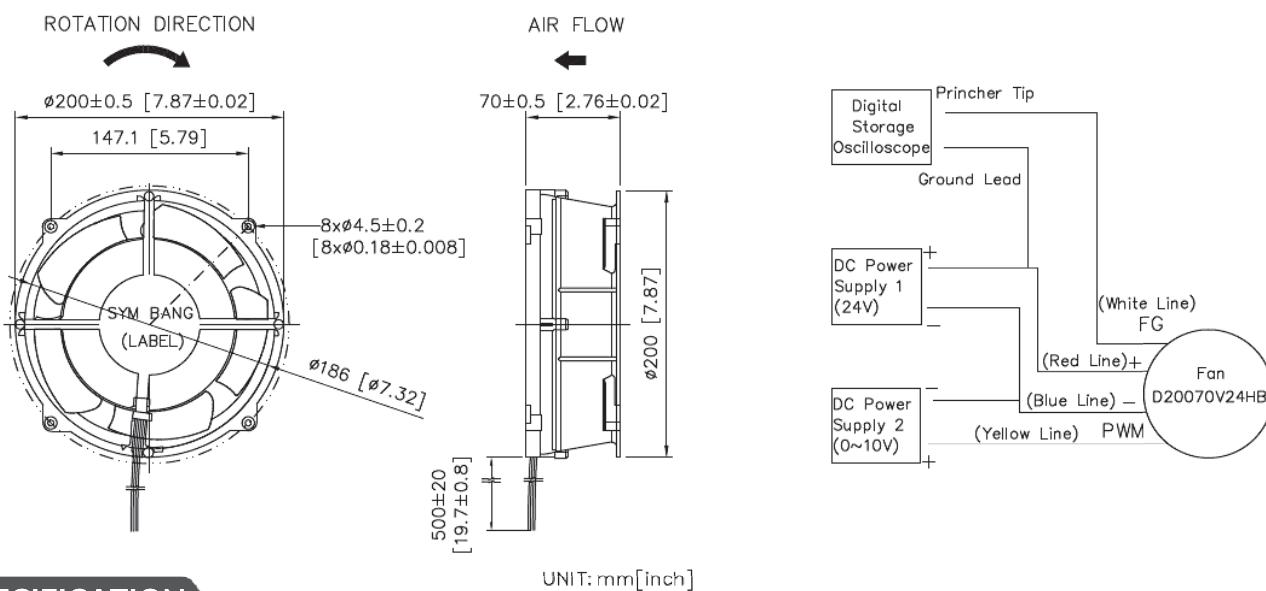


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
1.76 kg  
Yes  
IP42 (Special IP Rating On Request)

200 mm

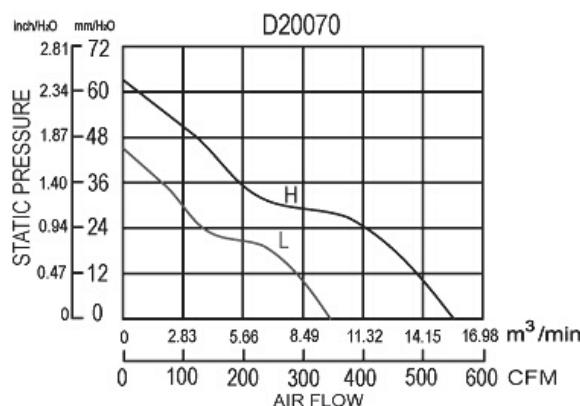
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D20070V24H	24	4.50	108.0	4600	2.66 67.6	517.7 14.7	69.5
D20070V48H	48	2.30	110.4	4600	2.66 67.6	517.7 14.7	69.5
D20070V48L	48	0.75	36.0	2900	1.24 31.4	319.1 9.30	58.0

## AIR PERFORMANCE



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D

22060-TK

CE

Ø220X60mm(Ø8.66"x2.36")



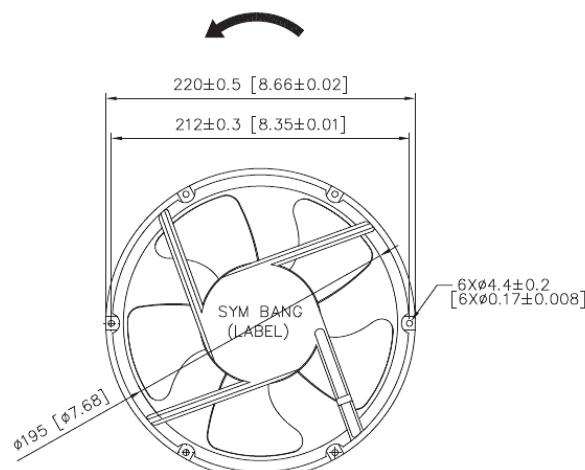
HOUSING  
 IMPELLER  
 BEARING  
 INSULATION  
 TERMINATION  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 SAFETY  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting, Painted Black  
 Thermoplastic PBT  
 Ball  
 Class A  
 Lead Wire  
 -10°C to + 70°C  
 5mA Max. at 500 VAC for 1 minutes  
 10M Ω min. @500 VDC  
 Thermally Protected  
 930g  
 Yes  
 IP21 (Special IP Rating On Request)

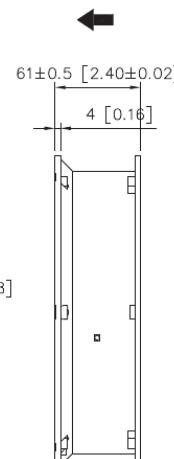
220 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

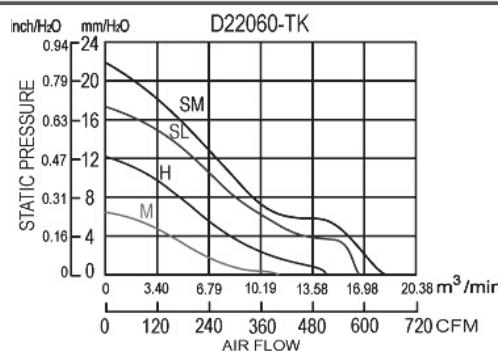


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D22060V12SMB-TK	12	7.40	88.80	3500	0.87	22.02	645.61	18.28	68.5
D22060V12SLB-TK	12	4.73	56.76	3000	0.68	17.28	586.69	16.61	63.6
D22060V12HB-TK	12	2.92	35.04	2500	0.48	12.15	513.39	14.54	60.0
D22060V12MB-TK	12	1.65	19.80	2000	0.26	6.65	400.58	11.34	54.6
D22060V24SMB-TK	24	3.52	84.48	3500	0.87	22.02	645.61	18.28	68.5
D22060V24SLB-TK	24	2.25	54.00	3000	0.68	17.28	586.69	16.61	63.6
D22060V24HB-TK	24	1.39	33.36	2500	0.48	12.15	513.39	14.54	60.0
D22060V24MB-TK	24	0.78	18.72	2000	0.26	6.65	400.58	11.34	54.6
D22060V48SMB-TK	48	1.67	80.16	3500	0.87	22.02	645.61	18.28	68.5
D22060V48SLB-TK	48	1.07	51.36	3000	0.68	17.28	586.69	16.61	63.6
D22060V48HB-TK	48	0.66	31.68	2500	0.48	12.15	513.39	14.54	60.0
D22060V48MB-TK	48	0.37	17.76	2000	0.26	6.65	400.58	11.34	54.6

## AIR PERFORMANCE



# D 22580M-DA

CE

225X225X80mm  
(8.77"x8.77"x3.12")

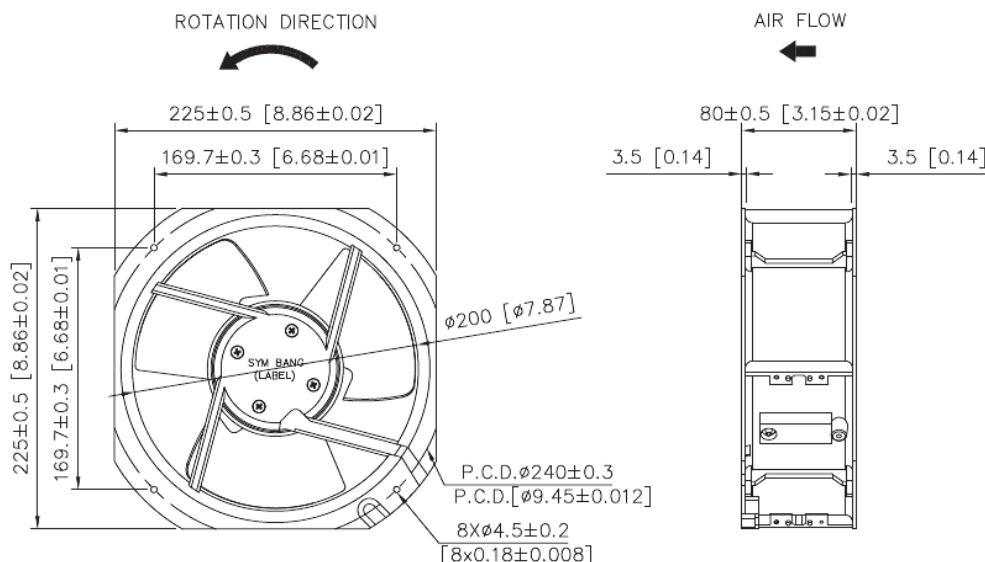


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting  
Metal  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
2.53 kg  
Yes  
IP54 (Special IP Rating On Request)

225 mm

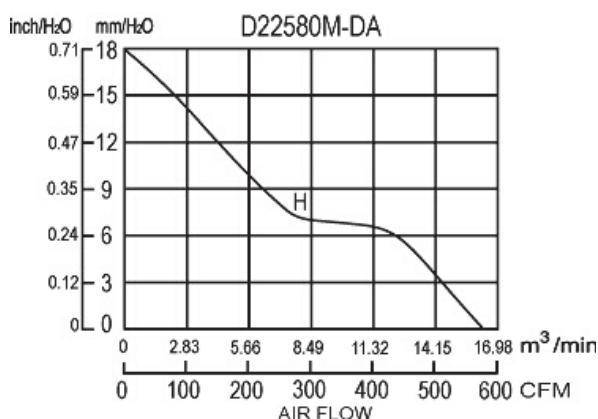
## DIMENSION



UNIT: mm [inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D22580V24HBM-DA	24	2.2	52.8	2800	0.71 18	580 16.41	67
D22580V48HBM-DA	48	1.1	52.8	2800	0.71 18	580 16.41	67

## AIR PERFORMANCE



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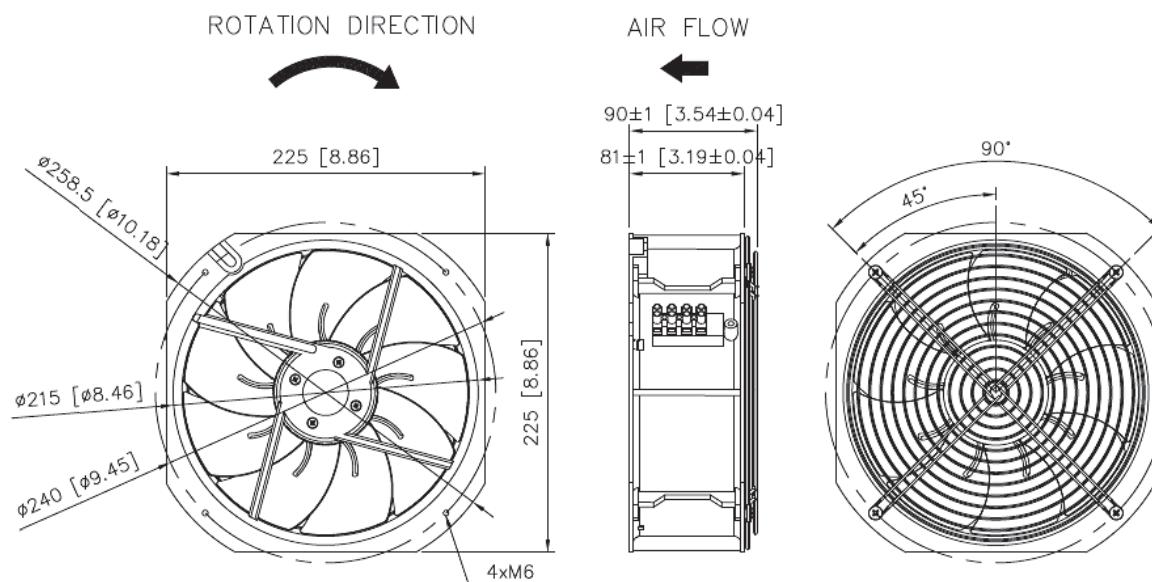
**D****22580M-PB****CE**225X225X80mm  
(8.77"x8.77"x3.12")

HOUSING  
 IMPELLER  
 BEARING  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting  
 Metal  
 Ball  
 -25°C to + 60°C  
 5mA Max. at 500 VAC for 1 minute  
 10M  $\Omega$  min. @500 VDC  
 2.34 kg  
 Yes  
 IP44 (Special IP Rating On Request)

**225 mm**

### DIMENSION

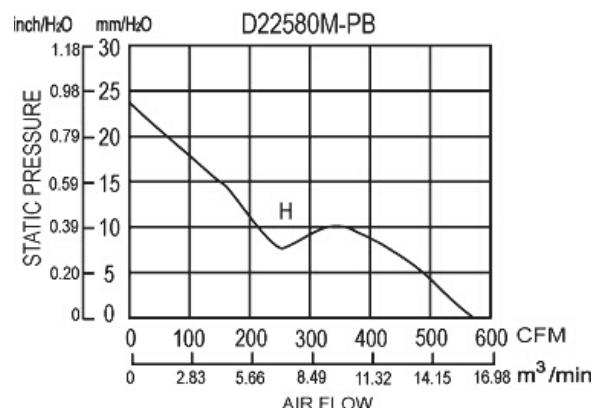


UNIT: mm[inch]

### SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
D22580V24HBM-PB	24	2.2	53	2750	0.93	23.5	559	15.81	68
D22580V48HBM-PB	48	1.1	53	2750	0.93	23.5	559	15.82	68

### AIR PERFORMANCE



**D 25089**

Ø254X89mm(Ø10"x3.50")

CE



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

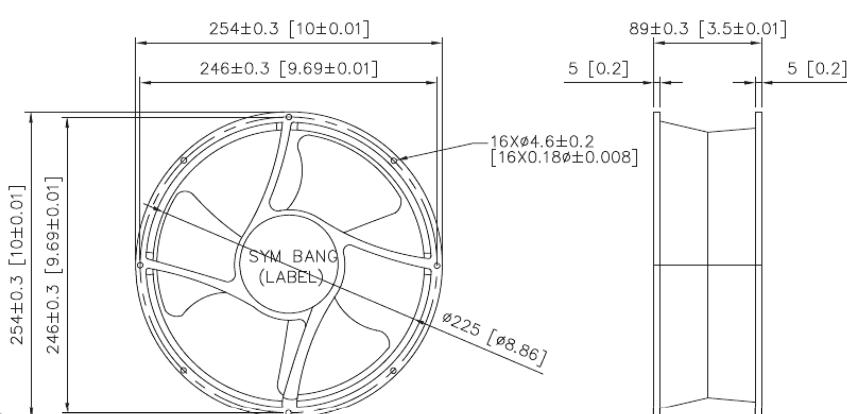
Aluminum Die Casting, Painted Black  
Thermoplastic PC+30%Glass Fiber  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
2.2 kg  
Yes  
IP21 (Special IP Rating On Request)

250 mm

**DIMENSION**

ROTATION DIRECTION

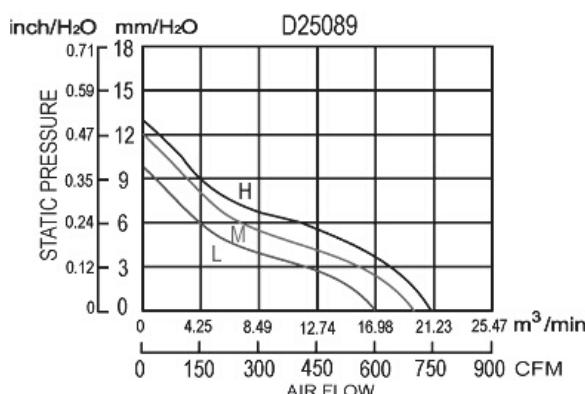
AIR FLOW



UNIT:mm[inch]

**SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	m <sup>3</sup> /min	NOISE dB(A) @1M
D25089V24HB	24	2.20	52.8	2300	0.51	13.0	740	20.9	65
D25089V24MB	24	1.70	40.8	2100	0.48	12.1	700	19.8	56
D25089V24LB	24	1.10	26.4	1800	0.39	10.0	600	17.0	50
D25089V48HB	48	1.10	52.8	2300	0.51	13.0	740	20.9	65
D25089V48MB	48	0.85	40.8	2100	0.48	12.1	700	19.8	56
D25089V48LB	48	0.55	26.4	1800	0.39	10.0	600	17.0	50

**AIR PERFORMANCE**

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# D 25089-K

Ø254X89mm(Ø10"x3.50")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

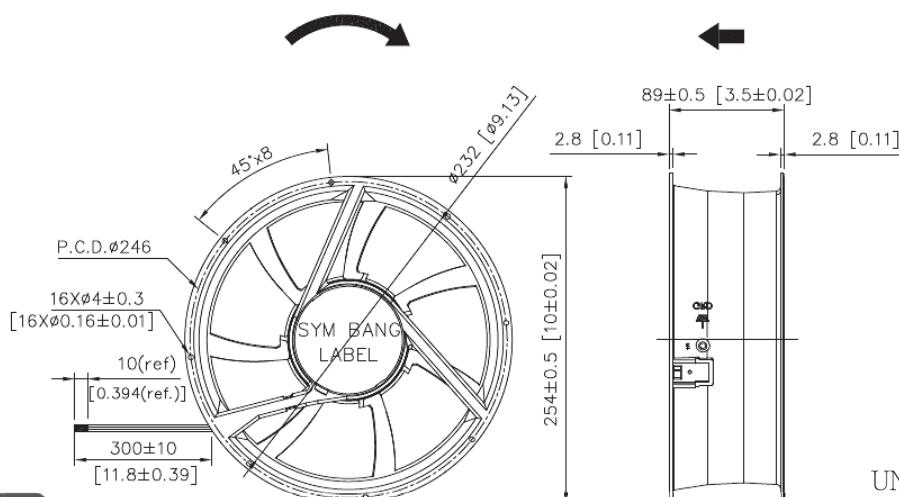
Aluminum Die Casting, Painted Black  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
2.2 kg  
Yes  
IP21 (Special IP Rating On Request)

254 mm

## DIMENSION

ROTATION DIRECTION

AIR FLOW

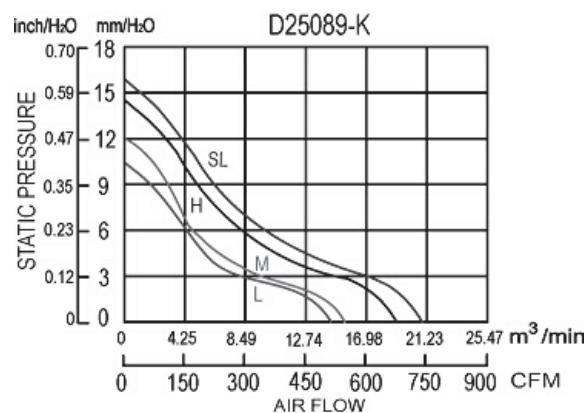


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D25089V24HB-K	24	2.20	52.80	2000	0.56	14.32	684 19.37
D25089V24MB-K	24	1.30	31.20	1700	0.49	12.45	595 16.85
D25089V24LB-K	24	0.80	19.20	1400	0.42	10.59	506 14.33
D25089V48SLB-K	48	2.10	100.80	2300	0.63	15.97	747 21.16
D25089V48HB-K	48	1.00	48.00	2000	0.56	14.32	684 19.37
D25089V48MB-K	48	0.63	30.24	1700	0.49	12.45	595 16.85

## AIR PERFORMANCE



# D 28080M-DA

CE

280X280X80mm  
(11.02"x11.02"x3.15")



HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting  
Metal  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
3.05 kg  
Yes  
IP54 (Special IP Rating On Request)

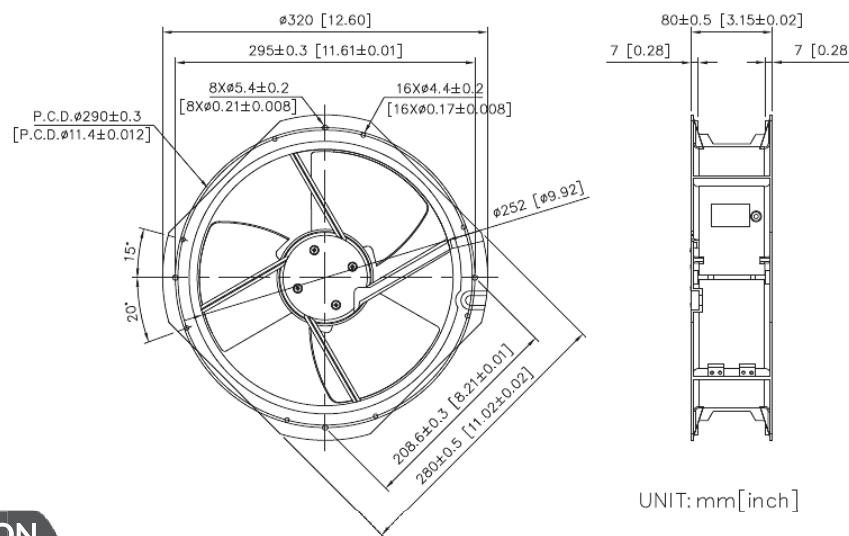
280 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

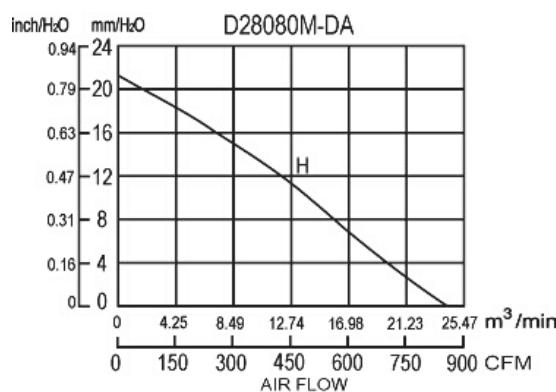


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D28080V24HBM-DA	24	3	72	2300	0.84	21.5	860 24.33
D28080V48HBM-DA	48	1.2	72	2300	0.84	21.5	860 24.33

## AIR PERFORMANCE



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**D****28080M-P**

280X280X80mm(11.02"x11.02"x3.15")



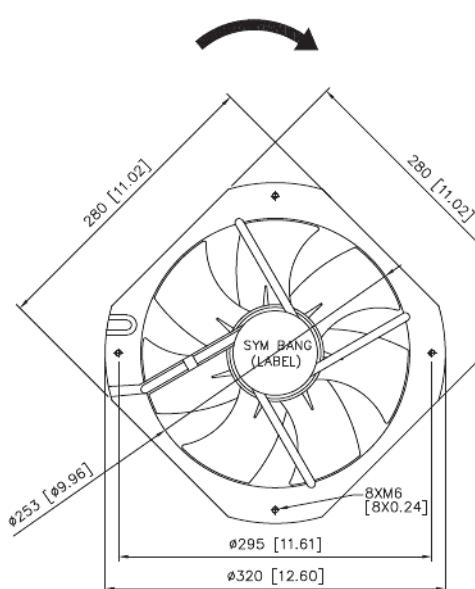
HOUSING  
 IMPELLER  
 BEARING  
 MOTOR TYPE  
 OPERATING TEMPERATURE  
 DIELECTRIC STRENGTH  
 INSULATION RESISTANCE  
 WEIGHT  
 ROHS COMPLIANCE  
 IP LEVEL

Aluminum Die Casting  
 Metal  
 Ball  
 Outer Rotor, Single Phase Motor  
 -10°C to + 60°C  
 5mA Max. at 500 VAC for 1 minute  
 10M Ω min. @500 VDC  
 2.5 kg  
 Yes  
 IP21 (Special IP Rating On Request)

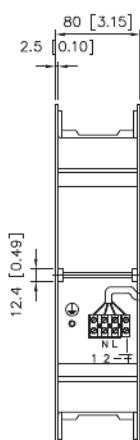
# 280 mm

## DIMENSION

ROTATION DIRECTION



AIR FLOW

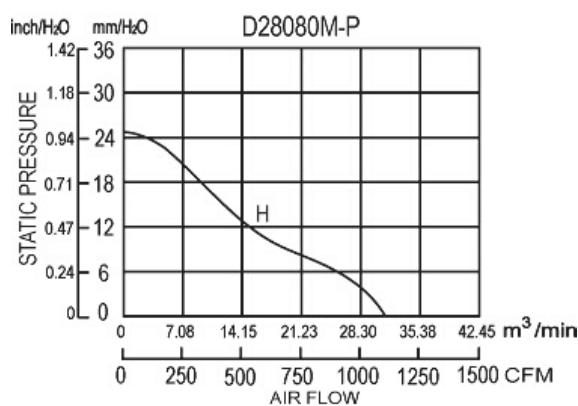


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D28080V24HBM-P	24	5.0	120.0	2750	1 25.3	1110 31.41	68
D28080V48HBM-P	48	2.6	124.8	2750	1 25.3	1110 31.41	68

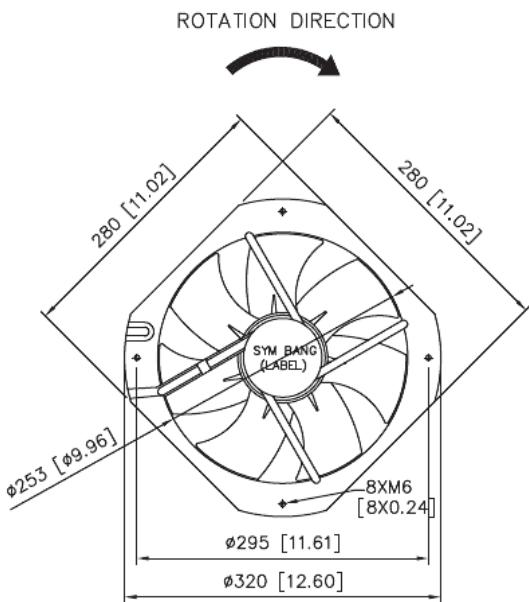
## AIR PERFORMANCE



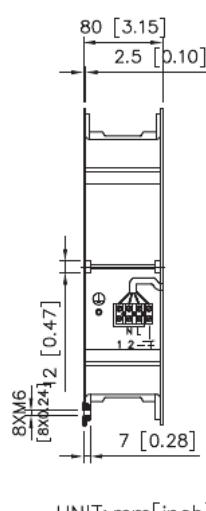
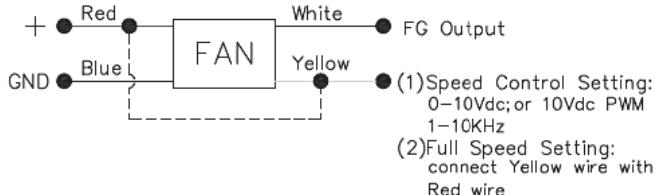
**D****28080M-PB****CE**280X280X80mm  
(11.02"x11.02"x3.15")

HOUSING  
IMPELLER  
BEARING  
MOTOR TYPE  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

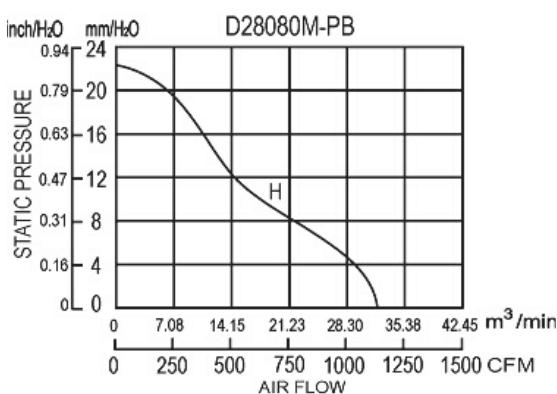
Aluminum Die Casting  
Metal  
Ball  
Outer Rotor, Three Phase Motor  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
2.5 kg  
Yes  
IP21 (Special IP Rating On Request)

**280 mm****DIMENSION**

AIR FLOW

**Wiring Diagram****SPECIFICATION**

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
D28080V24HBM-PB	24	4.4	105.6	2750	0.88 22.4	1118 31.6	69
D28080V48HBM-PB	48	2.2	105.6	2750	0.88 22.4	1118 31.6	69

**AIR PERFORMANCE**

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# DB1504

15X15X4mm(0.58"x0.58"x0.15")

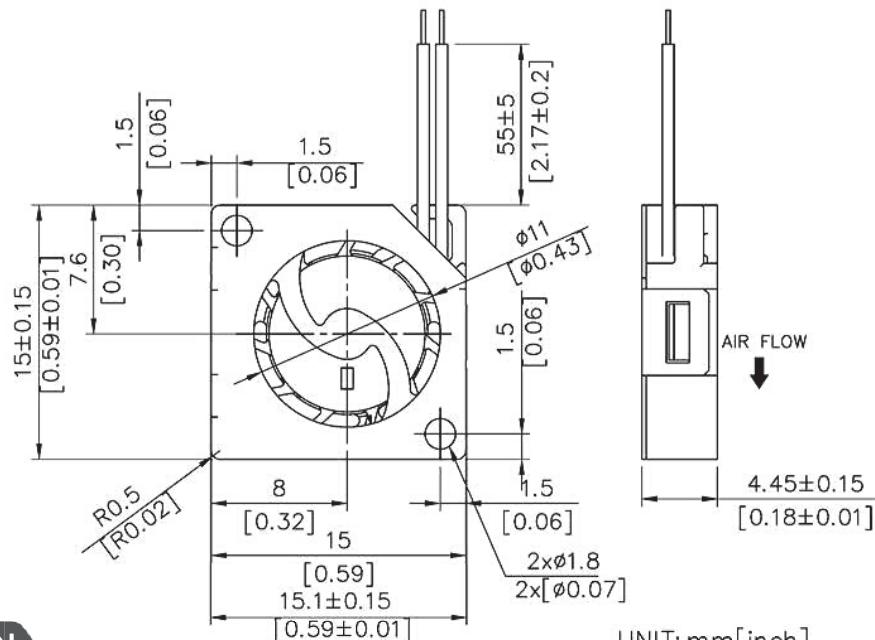


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATION  
IP LEVEL

Liquid Crystalline Polymer, UL94V-0  
Liquid Crystalline Polymer, UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
1.5 g  
Yes  
Wearable dynamic air quality sampling applications,  
auxiliary temperature control application,  
and mini projector.  
IP21 (Special IP Rating On Request)

15 mm

## DIMENSION

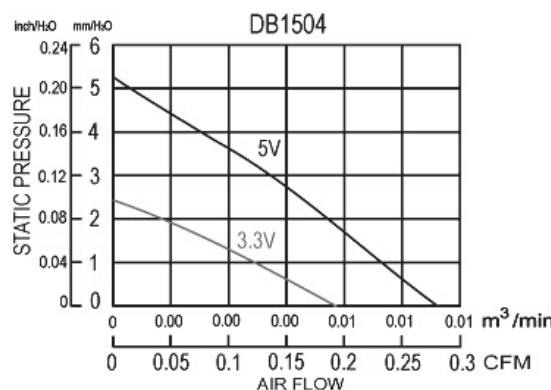


UNIT: mm[inch]

## SPECIFICATION

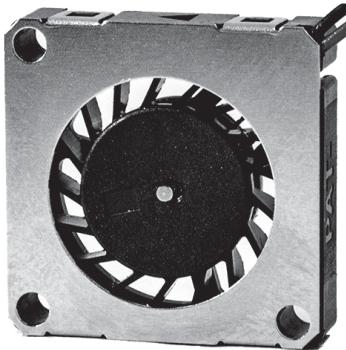
MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB1504V3HS	3.3	0.042	0.139	14500	0.097 2.47	0.19 0.005	-
DB1504V5HS	5	0.062	0.310	20000	0.205 5.20	0.28 0.008	-

## AIR PERFORMANCE



# DB1804

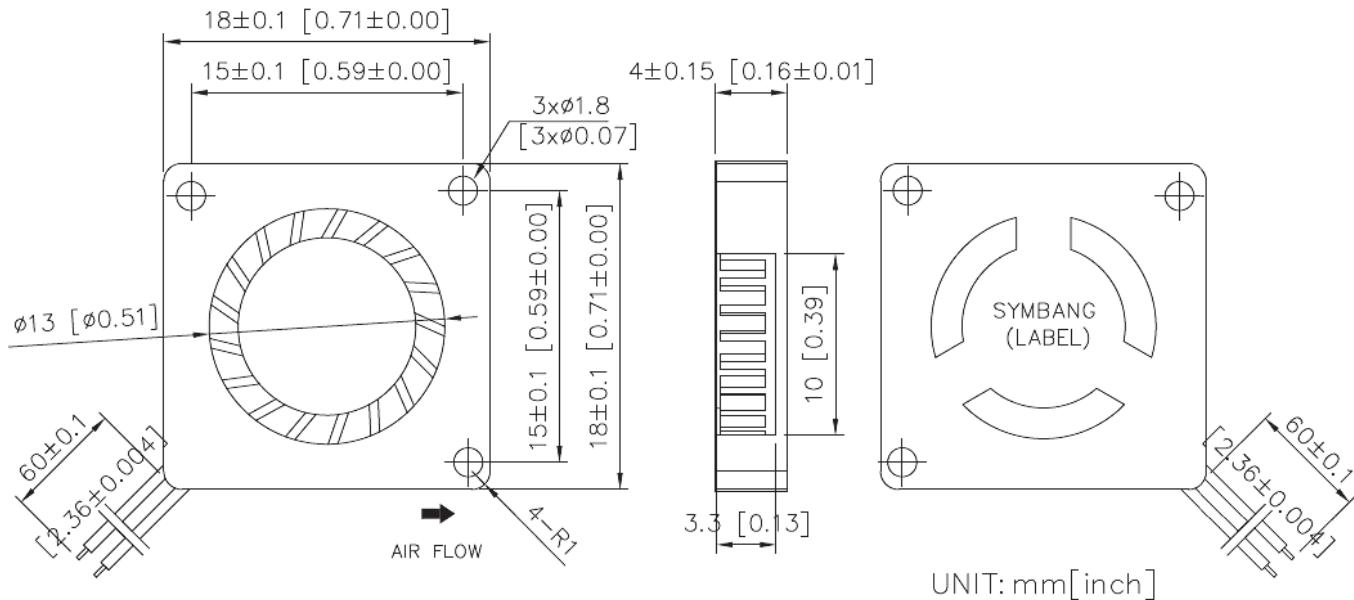
18X18X4mm(0.71"x0.71"x0.16")



HOUSING	Liquid Crystalline Polymer, UL94V-0
IMPELLER	Liquid Crystalline Polymer, UL94V-0
BEARING	Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	1.7 g
ROHS COMPLIANCE	Yes
APPLICATIONS	Video processing chipset, high-speed memory module, high-end smart phone, PDA, CCTV, mini projector, MID, smartbook and so on
IP LEVEL	IP21 (Special IP Rating On Request)

18 mm

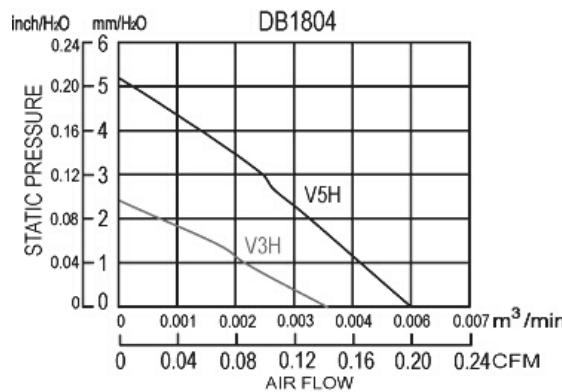
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB1804V3HS	3.3	0.030	0.099	7000	0.096 2.44	0.14 0.003	25
DB1804V5HS	5	0.045	0.225	11000	0.203 5.16	0.20 0.0051	35

## AIR PERFORMANCE



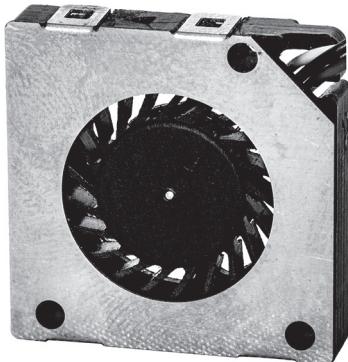
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# DB2004

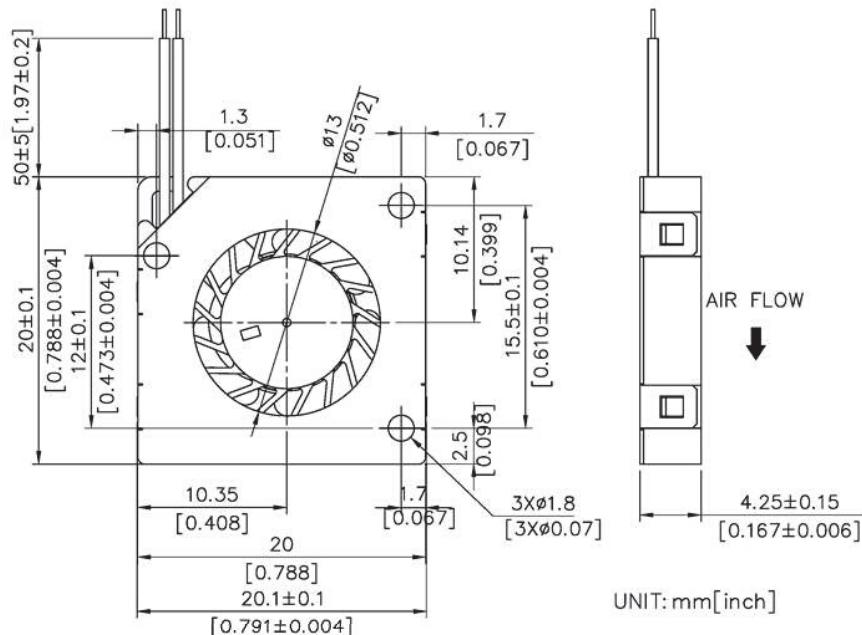
20X20X4mm(0.78"x0.78"x0.15")



HOUSING	Liquid Crystalline Polymer, UL94V-0
IMPELLER	Liquid Crystalline Polymer, UL94V-0
BEARING	Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M Ω min. @500 VDC
WEIGHT	1.35 g
ROHS COMPLIANCE	Yes
APPLICATION	Wearable dynamic air quality sampling applications, auxiliary temperature control application, and mini projector.
IP LEVEL	IP21 (Special IP Rating On Request)

20 mm

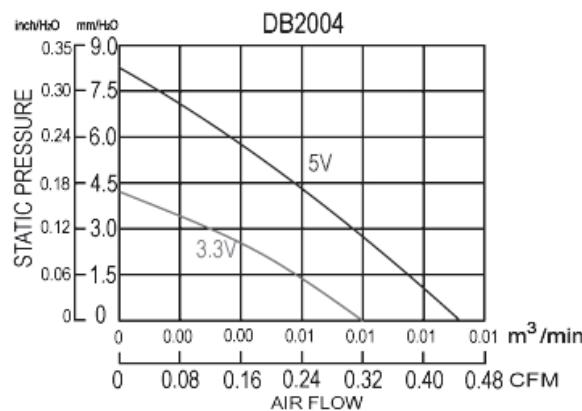
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @50cm
DB2004V3HS	3.3	0.044	0.145	10000	0.17 4.43	0.32 0.009	16.7
DB2004V5HS	5	0.068	0.340	13000	0.32 8.23	0.45 0.013	22.2

## AIR PERFORMANCE



# DB2008

20X20X8.5mm(0.78"x0.78"x0.31")

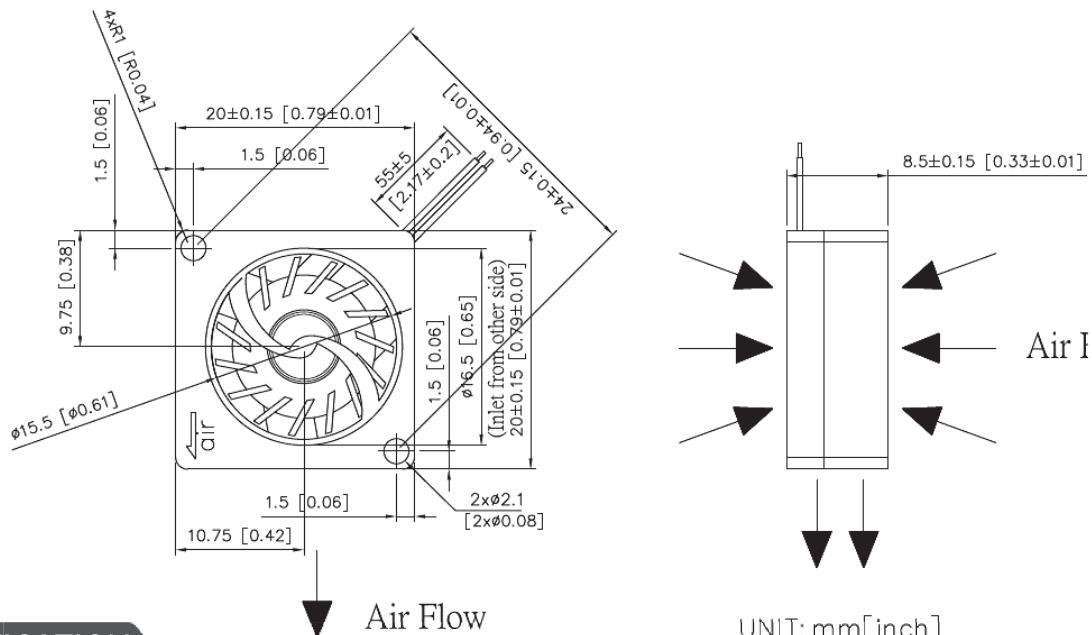


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATIONS  
  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
2.9 g  
Yes  
For pocket Projector, MID, UMPC, Smartbook, CCTV,  
Portable GPS, Micro Fuel Cell, Portable Gas/  
Particulate Detector, Portable Plasma Generator,  
Mask/ Goggle/Helmet/ Ventilation and Defrosting  
IP21 (Special IP Rating On Request)

20 mm

## DIMENSION

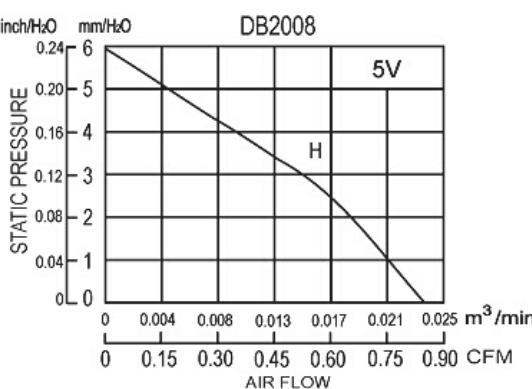
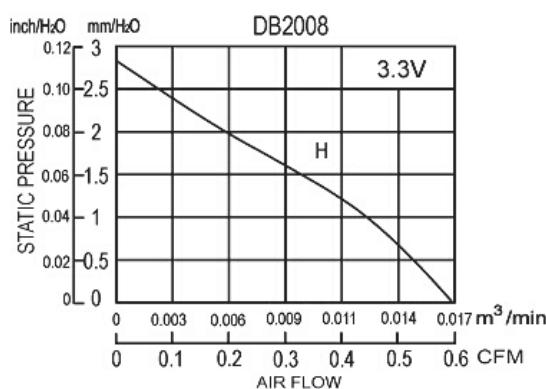


## SPECIFICATION

UNIT: mm[inch]

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB2008V3HS	3.3	0.095	0.099	9500	0.10 2.79	0.592 0.016	12
DB2008V5HS	5	0.130	0.225	14000	0.24 5.97	0.844 0.023	18

## AIR PERFORMANCE



Please scan the

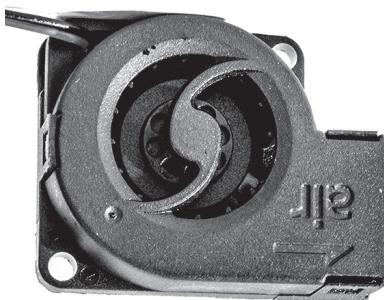


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# DB2608



26X20X8mm(1.02"x0.78"x0.31")



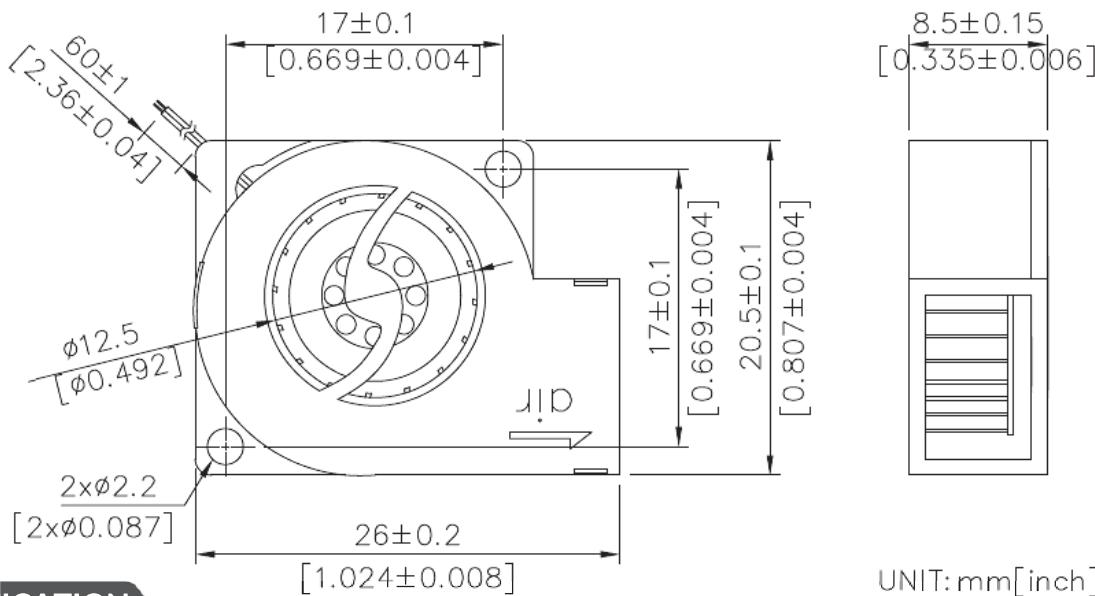
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATIONS

IP LEVEL

Thermoplastic PBT+30% Fiber Glass UL94V-0  
Thermoplastic PBT+30% Fiber Glass UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
3 g  
Yes  
For Pocket Projector, MID, U MPC, Smartbook, CCTV, Portable GPS, Micro Fuel Cell, portable Gas Particulate Detector, Portable Plasma Generator, Mask/Goggle/Helmet/Ventilation and Defrosting IP57 (Special IP Rating On Request)

26 mm

## DIMENSION

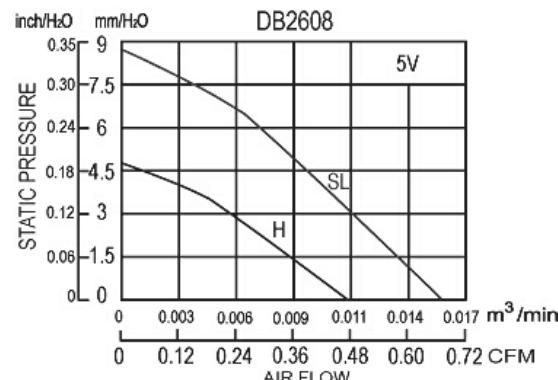
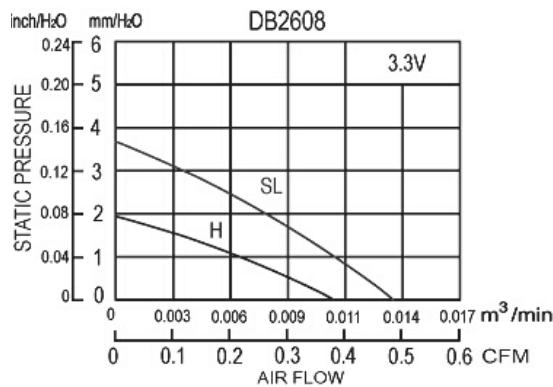


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
DB2608V3LS	3.3	0.100	0.330	8000	0.145	3.70	0.48	0.014	15
DB2608V3HS	3.3	0.045	0.149	6000	0.076	1.92	0.37	0.010	12
DB2608V5LS	5	0.140	0.700	11000	0.340	8.70	0.67	0.018	23
DB2608V5HS	5	0.065	0.325	8000	0.186	4.73	0.47	0.013	18

## AIR PERFORMANCE



# DB2617

26X22X17mm(1.02"x1.02"x0.66")

CE

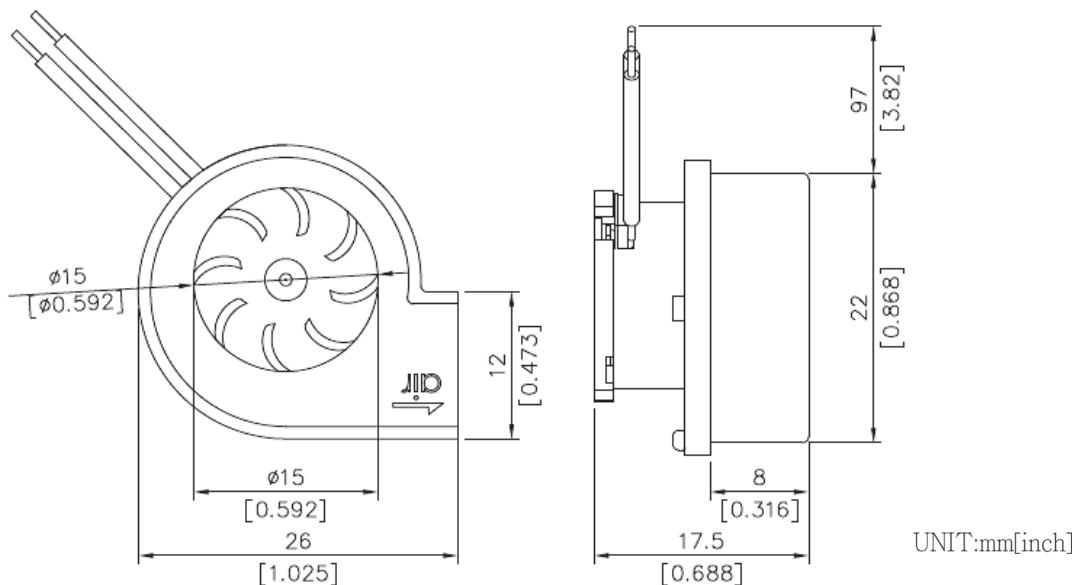


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATIONS  
IP LEVEL

Thermoplastic PBT+30% Fiber Glass UL94V-0  
Thermoplastic PBT+30% Fiber Glass UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
7.5 g  
Yes  
For high-speed memory module, CCTV, security surveillance system, LED lighting and small projector  
IP21 (Special IP Rating On Request)

26 mm

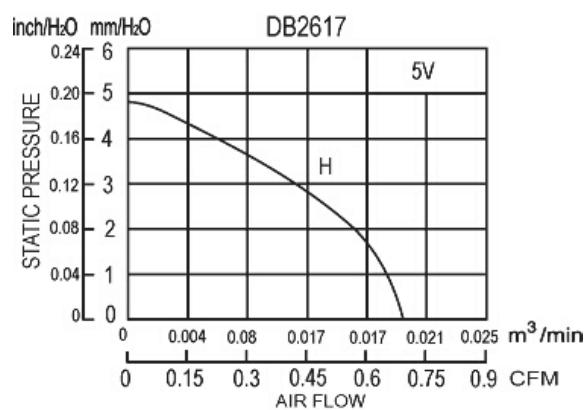
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB2617V5HS	5	0.08	0.4	10000	0.189 4.8	0.7 0.019	40

## AIR PERFORMANCE



Please scan the

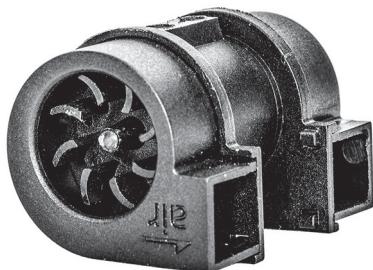


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# DB2635



26X22X35mm(1.02"x1.02"x1.37")

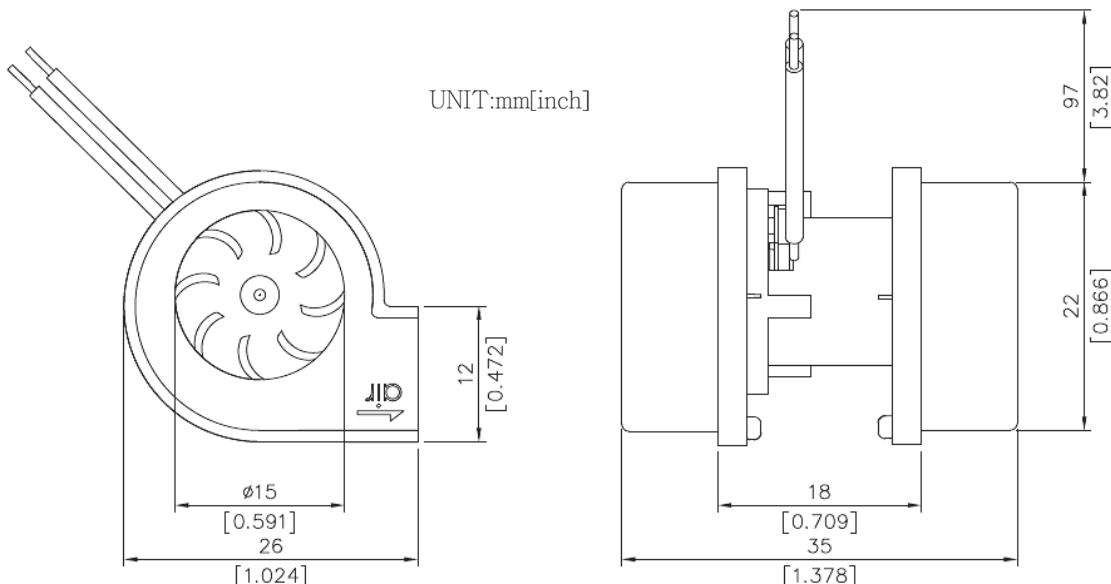


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
APPLICATION  
IP LEVEL

Thermoplastic PBT+30% Fiber Glass UL94V-0  
Thermoplastic PBT+30% Fiber Glass UL94V-0  
Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
12 g  
Yes  
For high-speed memory module, CCTV,  
security surveillance system,  
LED lighting and small projector  
IP21 (Special IP Rating On Request)

26 mm

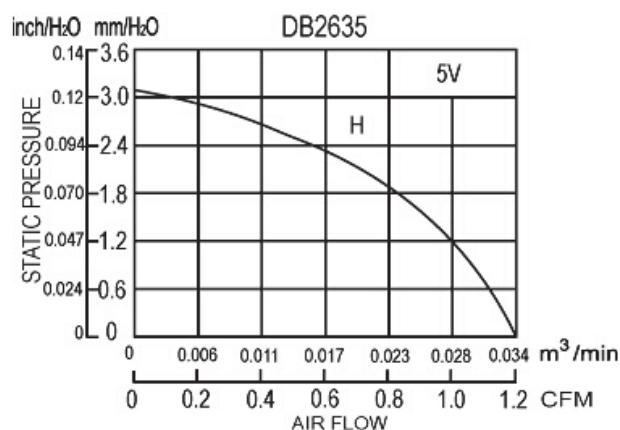
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB2635V5HS	5	0.08	0.4	8500	0.122 3.1	1.2 0.034	40

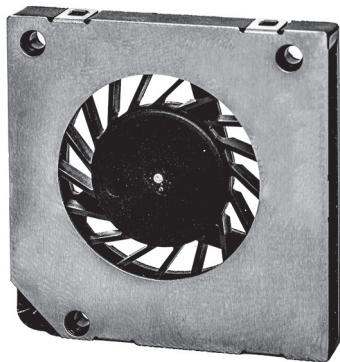
## AIR PERFORMANCE



# DB3004

30X30X4.5mm(1.18"x1.18"x0.18")

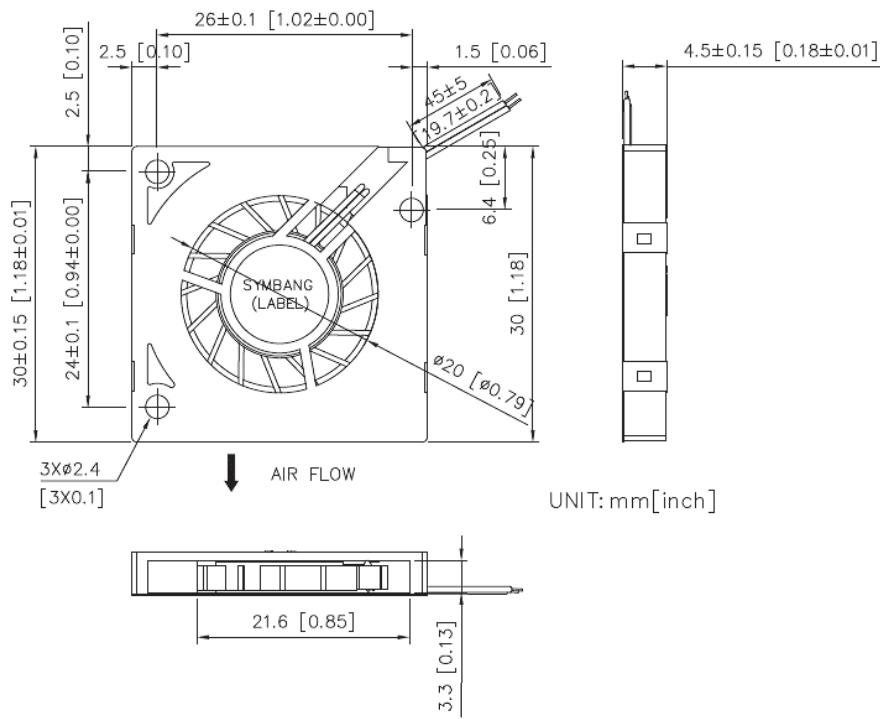
CE



HOUSING	L.C.P +30% Fiber Glass UL94V-0
IMPELLER	P.P.A+30% Fiber Glass UL94V-0
COVER	SUS 301
BEARING	Sleeve
OPERATING TEMPERATURE	-10°C to + 60°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	4.6 g
ROHS COMPLIANCE	Yes
APPLICATION	For MID, Ultra-thin Notebook
IP LEVEL	IP58 (Special IP Rating On Request)

30 mm

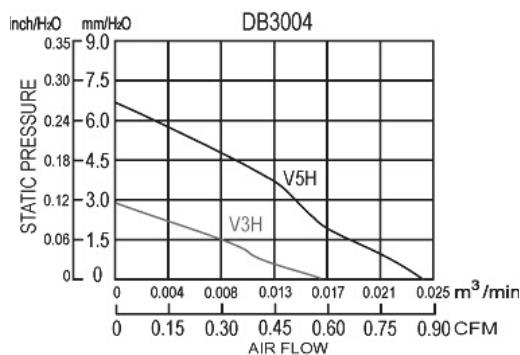
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB3004V3HS	3.3	0.040	0.132	6000	0.146 3.71	0.57 0.016	17.2
DB3004V5HS	5	0.057	0.285	8500	0.295 7.48	0.79 0.022	25.7

## AIR PERFORMANCE



Please scan the

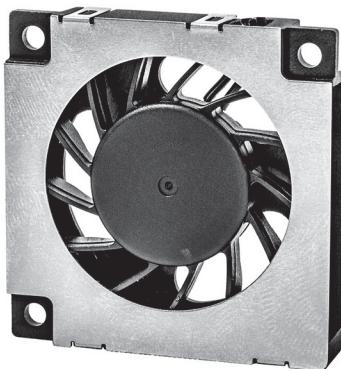


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# DB3507-TK



35X35X7mm(1.38"x1.38"x0.30")



## HOUSING

### IMPELLER

### BEARING

### OPERATING TEMPERATURE

### DIELECTRIC STRENGTH

### INSULATION RESISTANCE

### WEIGHT

### ROHS COMPLIANCE

### IP LEVEL

Fiber Glass UL94V-0

Cover is stainless steel

Fiber Glass UL94V-0

Sleeve

-10°C to + 60°C

5mA Max. at 500 VAC for 1 second

10M  $\Omega$  min. @500 VDC

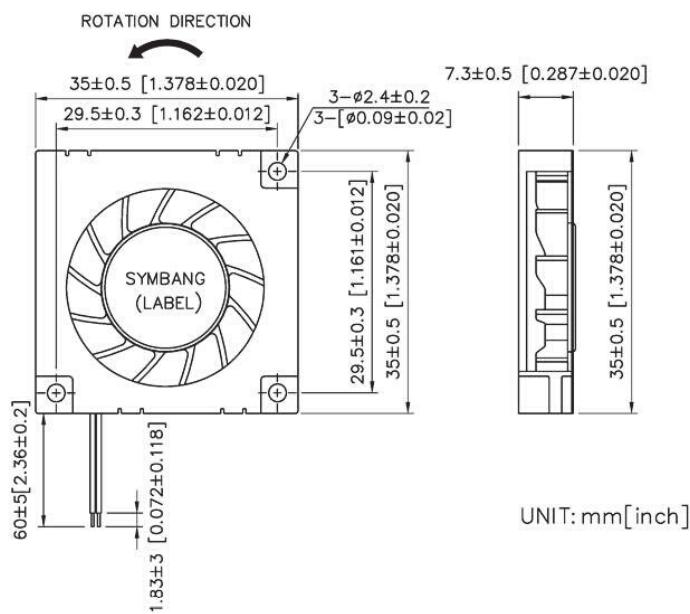
8.5g

Yes

IP21 (Special IP Rating On Request)

35 mm

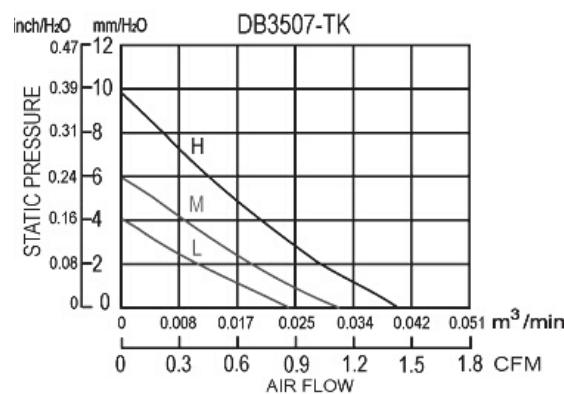
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB3507V5H-TK	5	0.180	0.90	7500	0.387 9.84	1.39 0.039	32.3
DB3507V5M-TK	5	0.120	0.60	6000	0.233 5.92	1.11 0.031	27.5
DB3507V5L-TK	5	0.080	0.40	5000	0.161 4.08	0.84 0.024	23.9
DB3507V12H-TK	12	0.075	0.90	7500	0.387 9.84	1.39 0.039	32.3
DB3507V12M-TK	12	0.050	0.60	6000	0.233 5.92	1.11 0.031	27.5
DB3507V12L-TK	12	0.033	0.40	5000	0.161 4.08	0.84 0.024	23.9

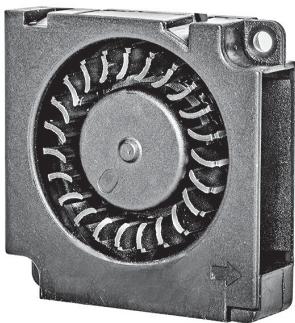
## AIR PERFORMANCE



**DB 3510-TK**

35x35x10mm(1.38"x1.38"x0.39")

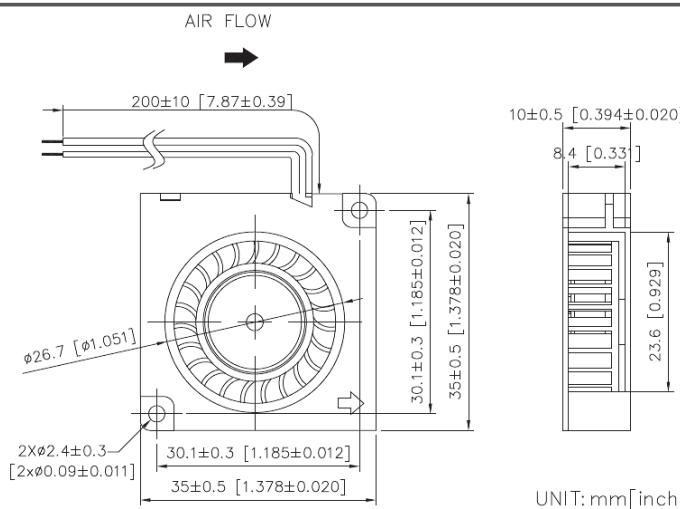
CE



HOUSING	Thermoplastic PBT, UL94V-0
IMPELLER	Thermoplastic PBT, UL94V-0
BEARING	Ball or Sleeve
OPERATING TEMPERATURE	-10°C to +70°C
DIELECTRIC STRENGTH	5mA Max. at 500 VAC for 1 minute
INSULATION RESISTANCE	10M $\Omega$ min. @500 VDC
WEIGHT	8.5 g
ROHS COMPLIANCE	Yes
IP LEVEL	IP21 (Special IP Rating On Request)

35 mm

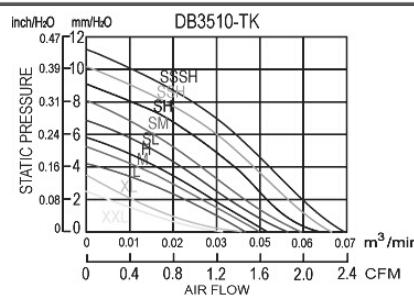
# DIMENSION



## SPECIFICATION

Model No.	Rated Voltage (V)	Rated Current (A)	Input Power (W)	Speed (RPM)	Max. Air Pressure		Max. Air Flow CFM	Noise dB(A) @1M
					inch/H2O	mm/H2O	m³/min	
DB3510V5SSH-TK	5	0.28	1.40	10000	0.456	11.58	2.38	0.067
DB3510V5SSH-TK	5	0.25	1.25	9500	0.401	10.18	2.27	0.064
DB3510V5SH-TK	5	0.22	1.10	9000	0.358	9.10	2.14	0.061
DB3510V5SM-TK	5	0.20	1.00	8500	0.317	8.05	1.98	0.056
DB3510V5SL-TK	5	0.18	0.90	8000	0.272	6.92	1.86	0.053
DB3510V5H-TK	5	0.16	0.80	7500	0.231	5.87	1.67	0.047
DB3510V5M-TK	5	0.14	0.70	7000	0.205	5.20	1.60	0.045
DB3510V5L-TK	5	0.13	0.65	6500	0.167	4.25	1.45	0.041
DB3510V5XL-TK	5	0.12	0.60	6000	0.143	3.62	1.42	0.040
DB3510V5XXL-TK	5	0.10	0.50	5500	0.105	2.67	1.25	0.035
DB3510V12SSH-TK	12	0.12	1.40	10000	0.456	11.58	2.38	0.067
DB3510V12SSH-TK	12	0.10	1.25	9500	0.401	10.18	2.27	0.064
DB3510V12SH-TK	12	0.09	1.10	9000	0.358	9.10	2.14	0.061
DB3510V12SM-TK	12	0.08	1.00	8500	0.317	8.05	1.98	0.056
DB3510V12SL-TK	12	0.08	0.90	8000	0.272	6.92	1.86	0.053
DB3510V12H-TK	12	0.07	0.80	7500	0.231	5.87	1.67	0.047
DB3510V12M-TK	12	0.06	0.70	7000	0.205	5.20	1.60	0.045
DB3510V12L-TK	12	0.05	0.65	6500	0.167	4.25	1.45	0.041
DB3510V12XL-TK	12	0.05	0.60	6000	0.143	3.62	1.42	0.040
DB3510V12XXL-TK	12	0.04	0.50	5500	0.105	2.67	1.25	0.035

## AIR PERFORMANCE



Please scan the

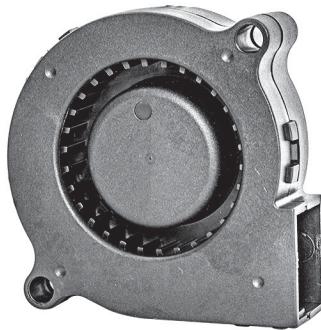


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# DB5015-C



51X51X15mm(2.0"x2.0"x0.59")



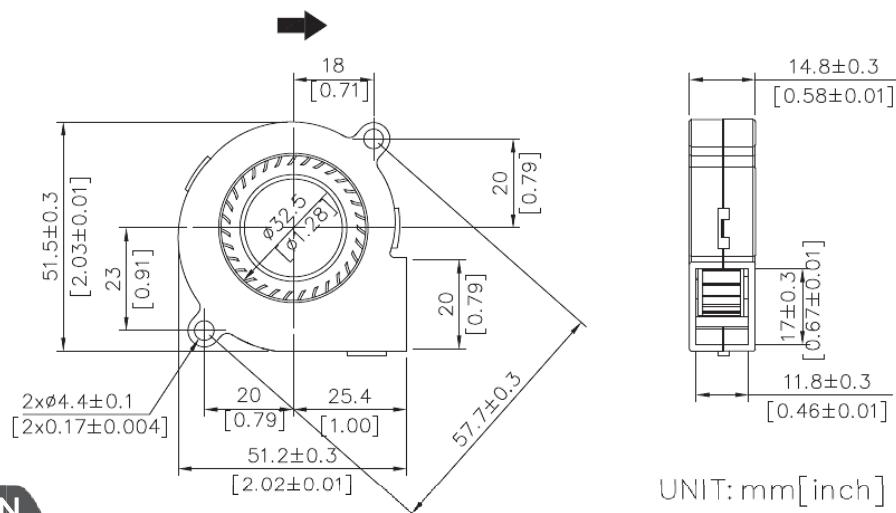
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
28 g  
Yes  
IP21 (Special IP Rating On Request)

51 mm

## DIMENSION

AIR FLOW

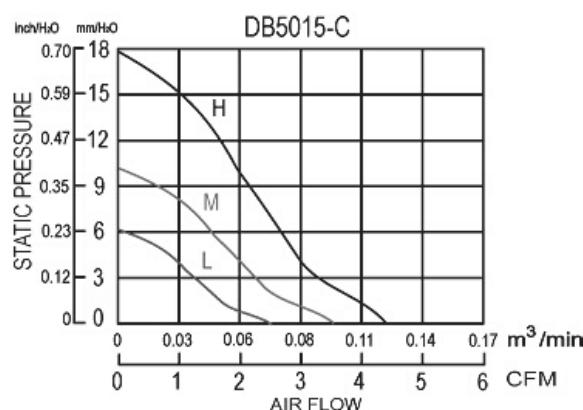


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB5015V5H-C	5	0.28	1.4	5000	0.7 17.78	4.4 0.12	38
DB5015V5M-C	5	0.18	0.9	4000	0.4 10.16	3.5 0.1	32
DB5015V5L-C	5	0.1	0.5	3000	0.24 6.09	2.5 0.07	25
DB5015V12H-C	12	0.14	1.68	5000	0.7 17.78	4.4 0.12	38
DB5015V12M-C	12	0.09	1.08	4000	0.4 10.16	3.5 0.1	32
DB5015V12L-C	12	0.06	0.72	3000	0.24 6.09	2.5 0.07	25

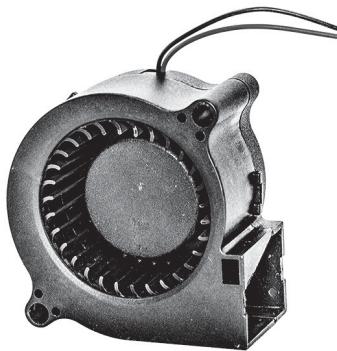
## AIR PERFORMANCE



# DB5025-YH

CE

51X51X25mm(2.00"x2.00"x0.98")



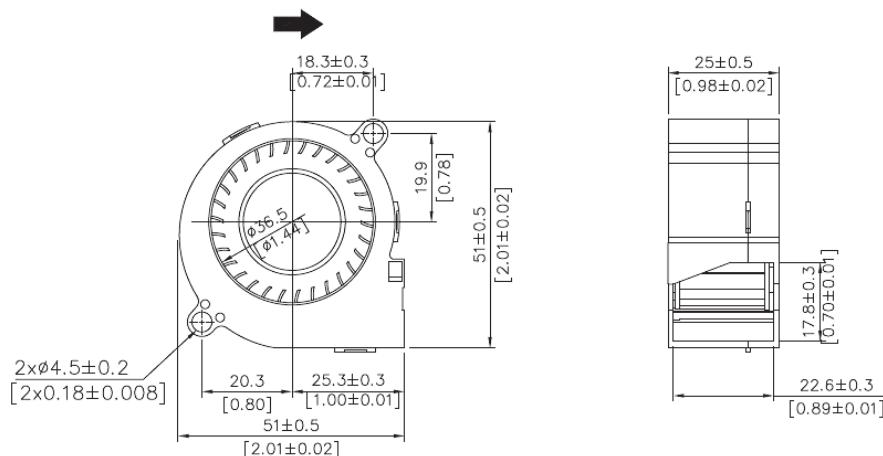
HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
26.3 g  
Yes  
IP21 (Special IP Rating On Request)

51 mm

## DIMENSION

AIR FLOW

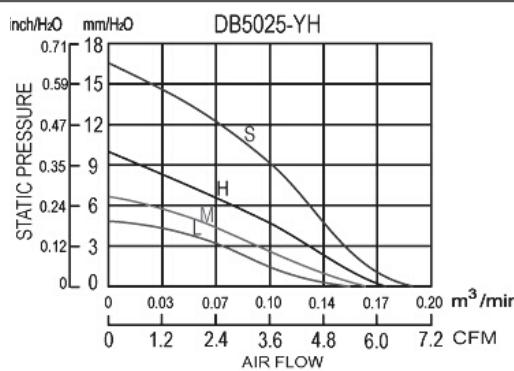


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB5025V5H-YH	5	0.35	1.75	4000	0.39 10.03	6.18 0.18	30.9
DB5025V5M-YH	5	0.35	1.75	3500	0.26 6.64	5.75 0.16	28.0
DB5025V5L-YH	5	0.20	1.00	3000	0.20 4.96	5.38 0.15	25.5
DB5025V12S-YH	12	0.25	3.00	5000	0.65 16.56	6.88 0.19	37.1
DB5025V12H-YH	12	0.20	2.40	4000	0.39 10.03	6.18 0.18	30.9
DB5025V12M-YH	12	0.14	1.68	3500	0.26 6.64	5.75 0.16	28.0
DB5025V12L-YH	12	0.11	1.32	3000	0.20 4.96	5.38 0.15	25.5
DB5025V24S-YH	24	0.12	2.88	5000	0.65 16.56	6.88 0.19	37.1
DB5025V24H-YH	24	0.10	2.40	4000	0.39 10.03	6.18 0.18	30.9
DB5025V24M-YH	24	0.08	1.92	3500	0.26 6.64	5.75 0.16	28.0

## AIR PERFORMANCE



Please scan the

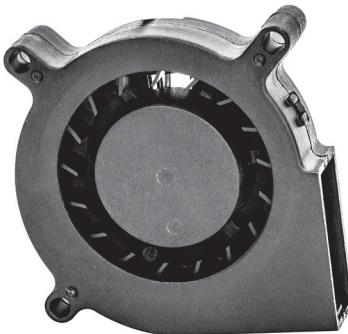


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# DB6015-EC



60X60X15mm(2.36"x2.36"x0.59")

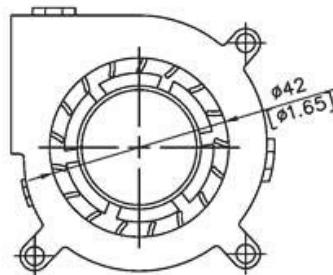
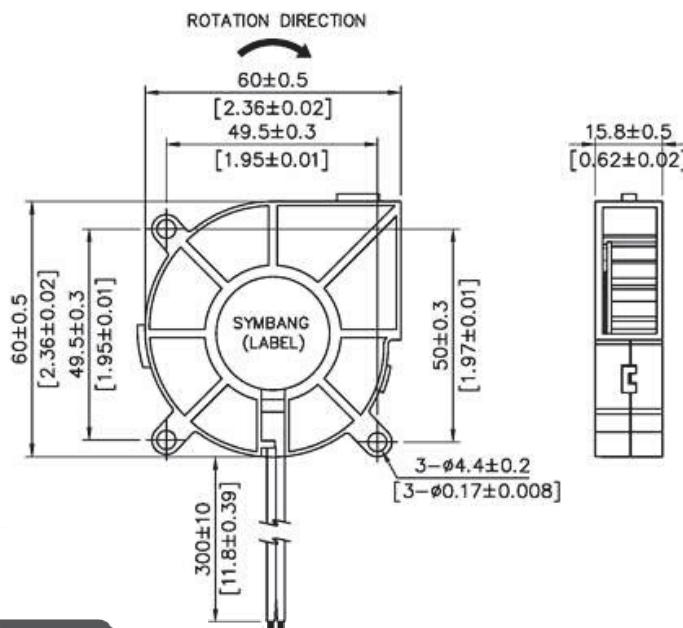


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
65g  
Yes  
IP21 (Special IP Rating On Request)

60 mm

## DIMENSION

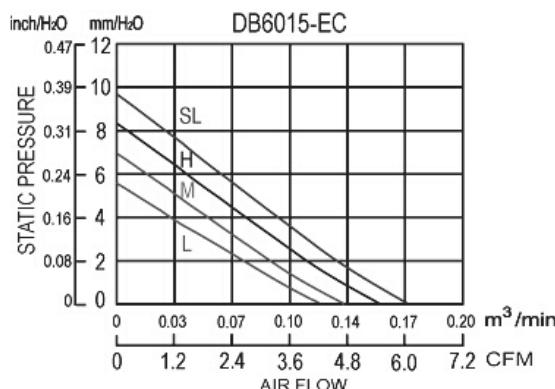


UNIT: mm[inch]

## SPECIFICATION

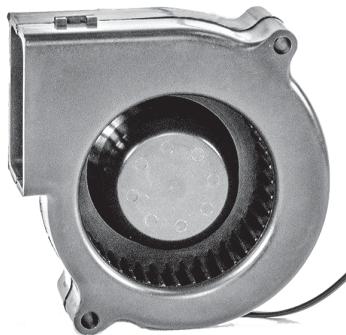
MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB6015V12SLB-EC	12	0.22	2.64	5500	0.38 9.65	6.02 0.17	34
DB6015V12HB-EC	12	0.18	2.16	5000	0.33 8.38	5.52 0.16	33
DB6015V12MB-EC	12	0.17	2.04	4500	0.27 6.86	4.73 0.13	32
DB6015V12LB-EC	12	0.14	1.68	4000	0.22 5.59	4.20 0.12	31

## AIR PERFORMANCE



# DB 7630

76X75X30mm(2.99"x2.95"x1.18")

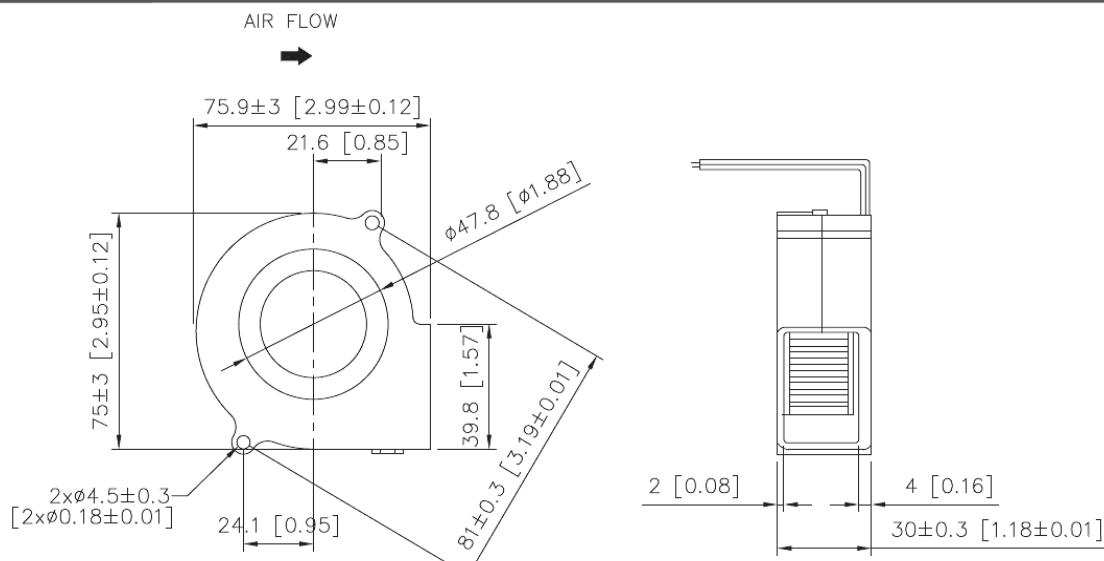


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
95 g  
Yes  
IP21 (Special IP Rating On Request)

76 mm

## DIMENSION

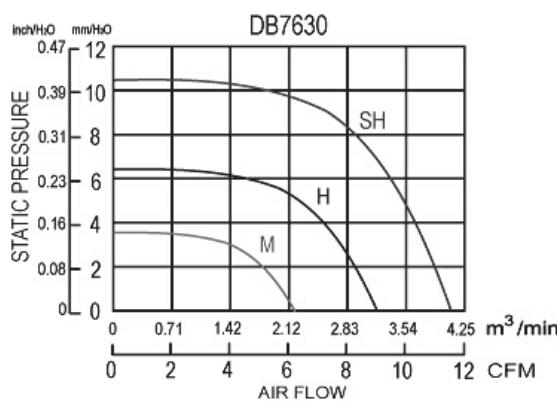


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB7630V12SH	12	0.25	3	3100	0.41 10.5	11.5 0.33	41
DB7630V12H	12	0.2	2.4	2600	0.25 6.33	8.94 0.25	35
DB7630V12M	12	0.1	1.2	2000	0.14 3.5	6.2 0.18	23
DB7630V24H	24	0.12	2.88	2600	0.25 6.33	8.94 0.25	35

## AIR PERFORMANCE



Please scan the

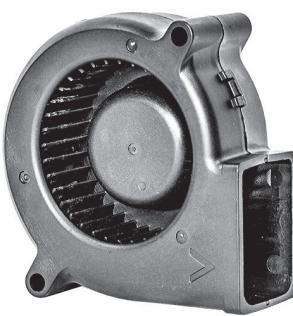


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# DB7630-K



76X75X30mm(2.99"x2.95"x1.18")

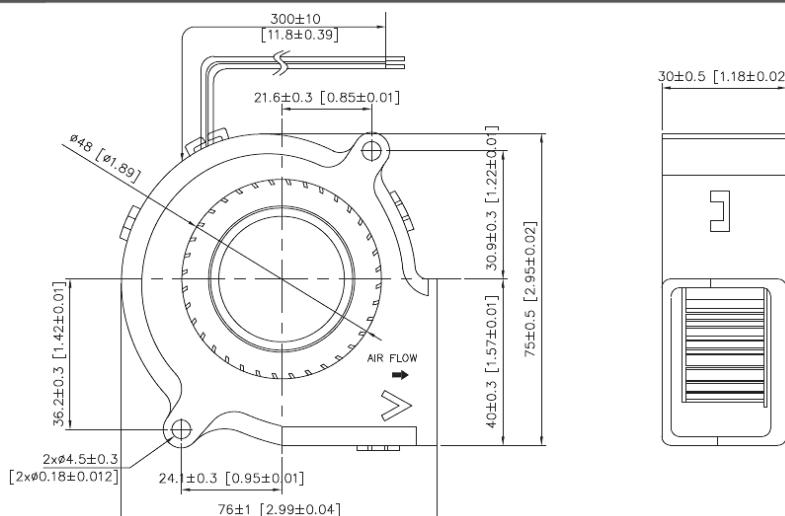


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball or Sleeve  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
87 g  
Yes  
IP21 (Special IP Rating On Request)

76 mm

## DIMENSION

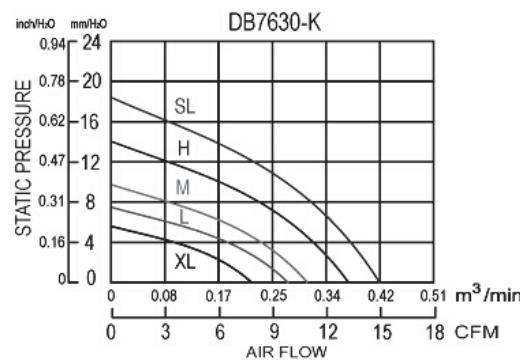


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB7630V12SL-K	12	0.42	5.04	4000	0.72	18.3	14.8 0.41 42
DB7630V12H-K	12	0.3	3.6	3500	0.56	14.1	13 0.36 42
DB7630V12M-K	12	0.18	2.16	2900	0.37	9.6	10.8 0.3 38
DB7630V12L-K	12	0.12	1.44	2350	0.29	7.4	9.7 0.28 32
DB7630V12XL-K	12	0.1	1.2	1900	0.22	5.7	7.9 0.22 26
DB7630V24SL-K	24	0.28	6.72	4000	0.72	18.3	14.8 0.41 42
DB7630V24H-K	24	0.2	4.8	3500	0.56	14.1	13 0.36 42
DB7630V24M-K	24	0.13	3.12	2900	0.37	9.6	10.8 0.3 38
DB7630V24L-K	24	0.09	2.16	2350	0.29	7.4	9.7 0.28 32
DB7630V24XL-K	24	0.06	1.44	1900	0.22	5.7	7.9 0.22 26

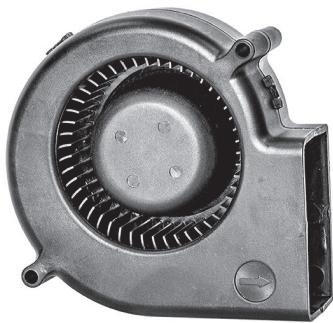
## AIR PERFORMANCE



# DB9733-K

97X94X33mm(3.81"x3.70"x1.29")

CE

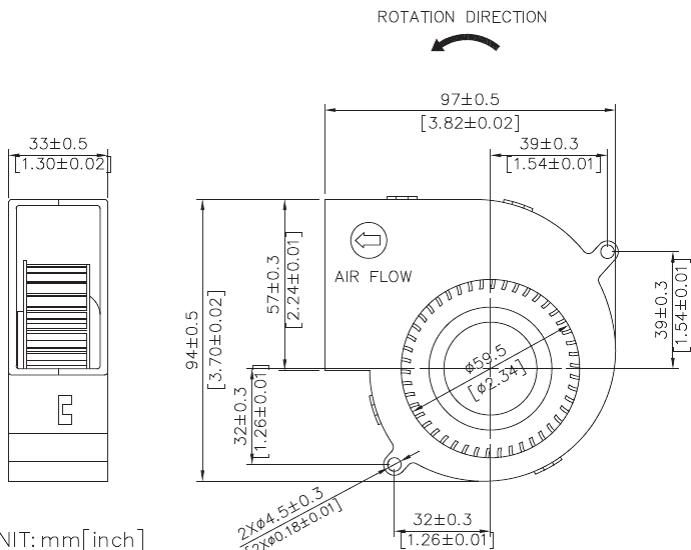


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
150 g  
Yes  
IP21 (Special IP Rating On Request)

97 mm

## DIMENSION

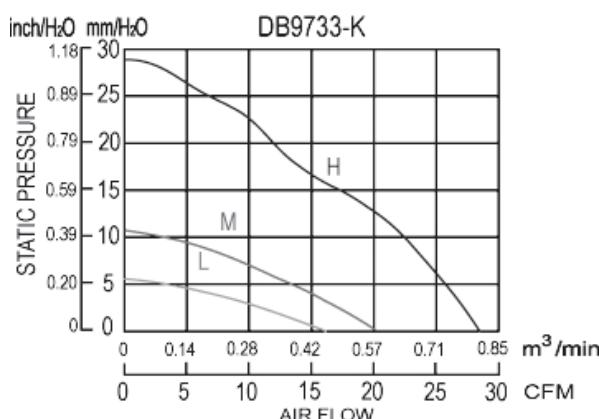


UNIT: mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @ 50cm
DB9733V12H-K	12	0.6	7.2	3600	1.14	28.96	28.8 0.82 52
DB9733V12M-K	12	0.32	3.84	2700	0.4	10.16	20.1 0.57 45
DB9733V12L-K	12	0.21	2.52	2200	0.2	5.08	16.3 0.46 43
DB9733V24H-K	24	0.32	7.68	3600	1.14	28.96	28.8 0.82 52
DB9733V24M-K	24	0.18	4.32	2700	0.4	10.16	20.1 0.57 45
DB9733V24L-K	24	0.14	3.36	2200	0.2	5.08	16.3 0.46 43

## AIR PERFORMANCE



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# DB12032-C



120X120X32mm(4.72"x4.72"x1.26")

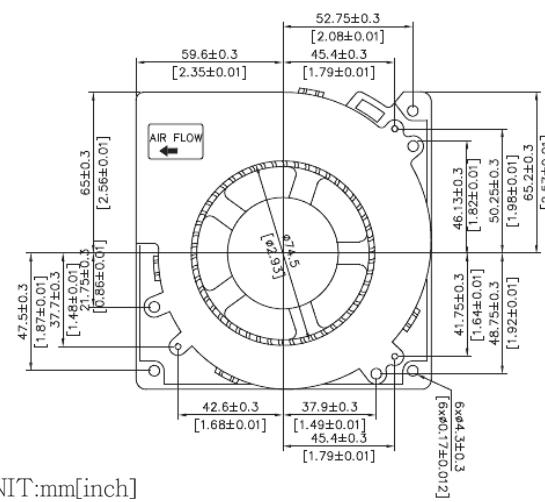
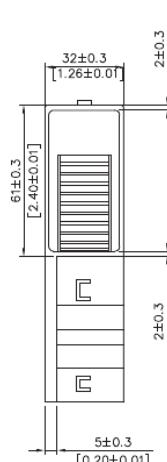
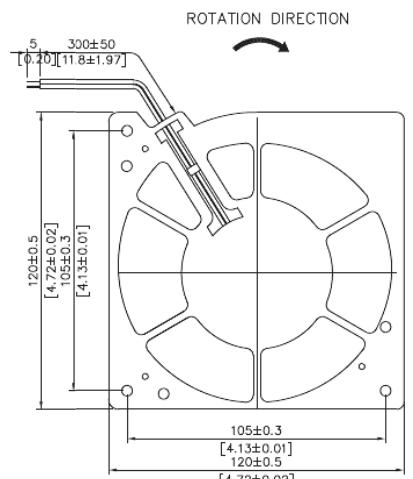


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94V-0  
Thermoplastic PBT, UL94V-0  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M Ω min. @500 VDC  
226g  
Yes  
IP21 (Special IP Rating On Request)

120 mm

## DIMENSION

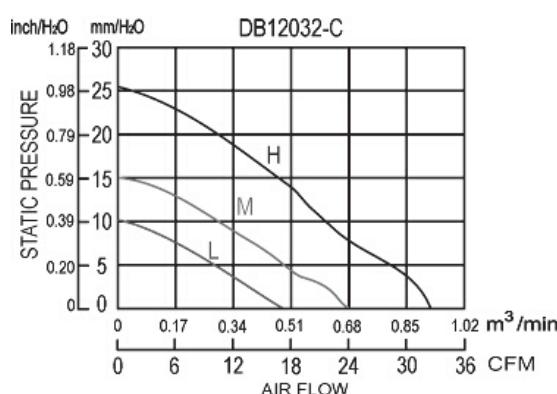


UNIT:mm[inch]

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB12032V12HB-C	12	0.95	11.40	2800	1.00 25.40	32.5 0.92	54
DB12032V12MB-C	12	0.40	4.80	2000	0.60 15.24	24.0 0.68	46
DB12032V12LB-C	12	0.16	1.92	1400	0.40 10.16	17.0 0.48	32
DB12032V24HB-C	24	0.54	12.96	2800	1.00 25.40	32.5 0.92	54
DB12032V24MB-C	24	0.32	7.68	2000	0.60 15.24	24.0 0.68	46
DB12032V24LB-C	24	0.11	2.64	1400	0.40 10.16	17.0 0.48	32

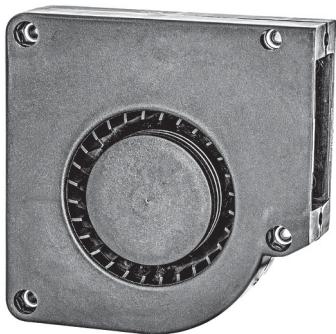
## AIR PERFORMANCE



# DB12131-C

121X121X31mm(4.75"x4.75"x1.22")

CE

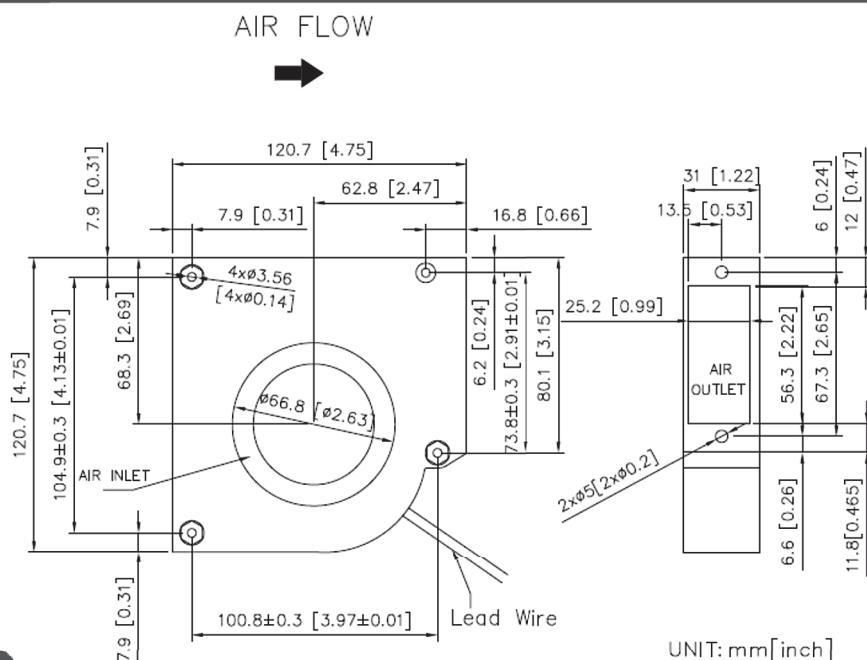


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94-0  
Thermoplastic PBT, UL94-0  
Ball or Sleeve  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
260 g  
Yes  
IP21 (Special IP Rating On Request)

121 mm

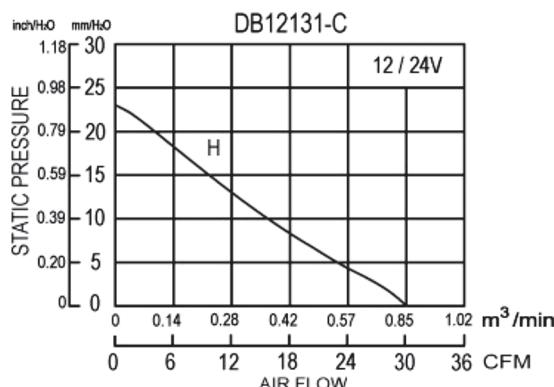
## DIMENSION



## SPECIFICATION

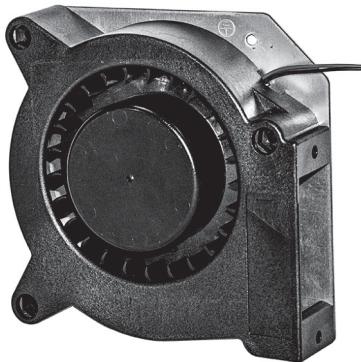
MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB12131V12H-C	12	0.60	10.8	3500	0.91 23	30 0.85	46
DB12131V24H-C	24	0.55	13.2	3500	0.91 23	30 0.85	46

## AIR PERFORMANCE



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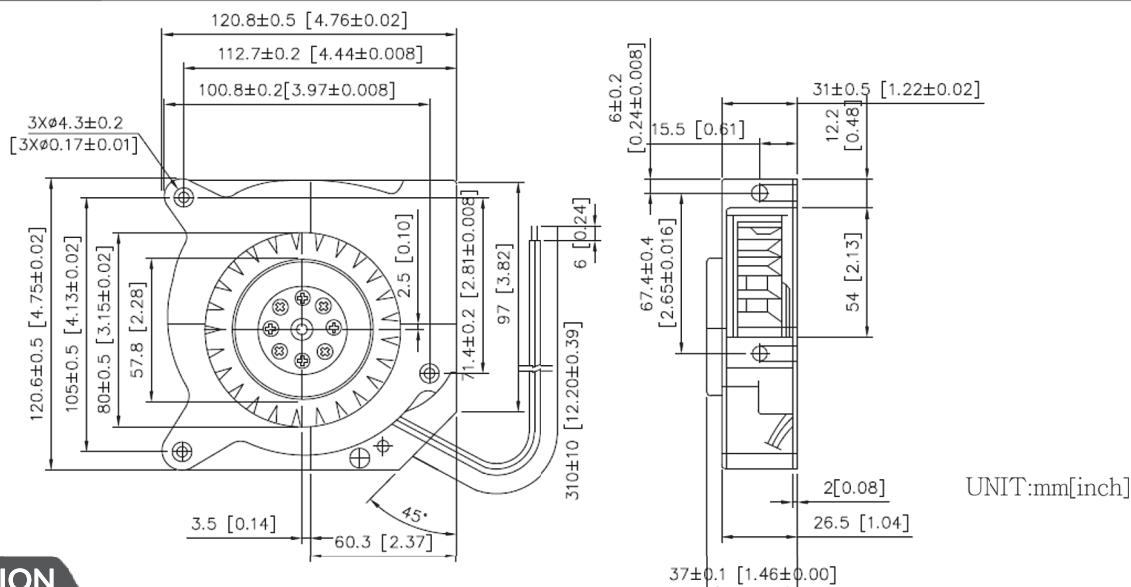


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Thermoplastic PBT, UL94-0  
Thermoplastic PBT, UL94-0  
Ball or Sleeve  
-10°C to +60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
500 g  
Yes  
IP21 (Special IP Rating On Request)

121 mm

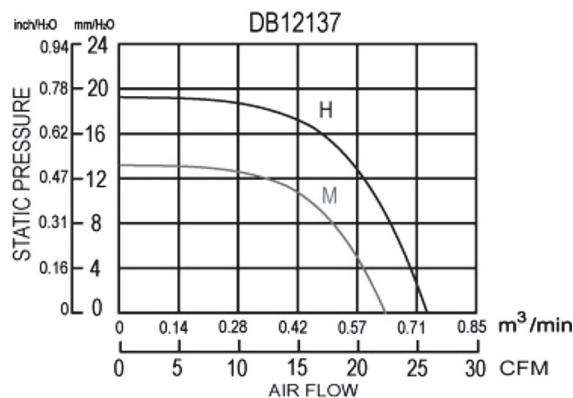
### DIMENSION



### SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @1M
DB12137V12H	12	0.95	11.5	2800	0.75	19.05	26	0.73	55
DB12137V12M	12	0.63	7.5	2500	0.52	13.21	22	0.62	52
DB12137V24H	24	0.42	10.0	2800	0.75	19.05	26	0.73	55
DB12137V24M	24	0.31	7.5	2500	0.52	13.21	22	0.62	52
DB12137V48H	48	0.23	11.0	2800	0.75	19.05	26	0.73	55
DB12137V48M	48	0.16	7.7	2500	0.52	13.21	22	0.62	52

### AIR PERFORMANCE



# DB15458-K



154X138X58mm(6.06"x5.43"x2.28")

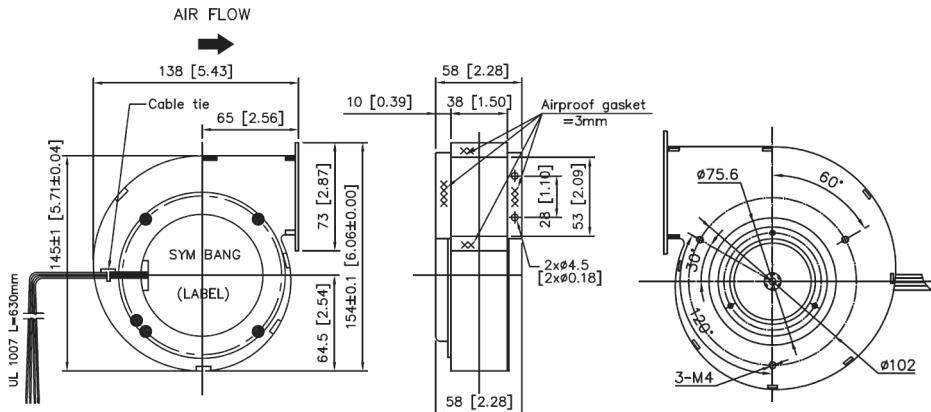


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Electroplate steel sheet  
Aluminum sheet  
Ball  
-10°C to + 70°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
680 g  
Yes  
IP21 (Special IP Rating On Request)

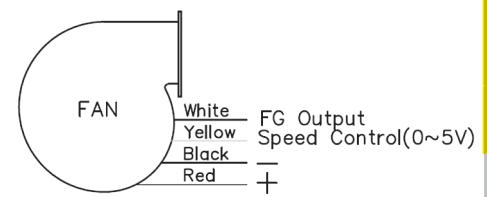
154 mm

## DIMENSION



UNIT:mm[inch]

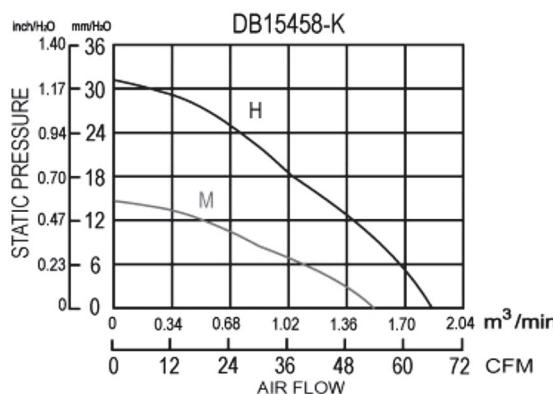
## WIRE DIAGRAM



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O mm/H <sub>2</sub> O	MAX. AIR FLOW CFM m <sup>3</sup> /min	NOISE dB(A) @1M
DB15458V12HB-K	12	1.96	23.52	2800	1.23 31.2	65.0 1.84	56
DB15458V12MB-K	12	1.30	15.60	2200	0.57 14.7	53.8 1.50	51
DB15458V24HB-K	24	1.15	27.60	2800	1.23 31.2	65.0 1.84	56
DB15458V24MB-K	24	0.65	15.60	2200	0.57 14.7	53.8 1.50	51

## AIR PERFORMANCE



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# DB180115-PB



180X180X115mm(7.09"x7.09"x4.53")

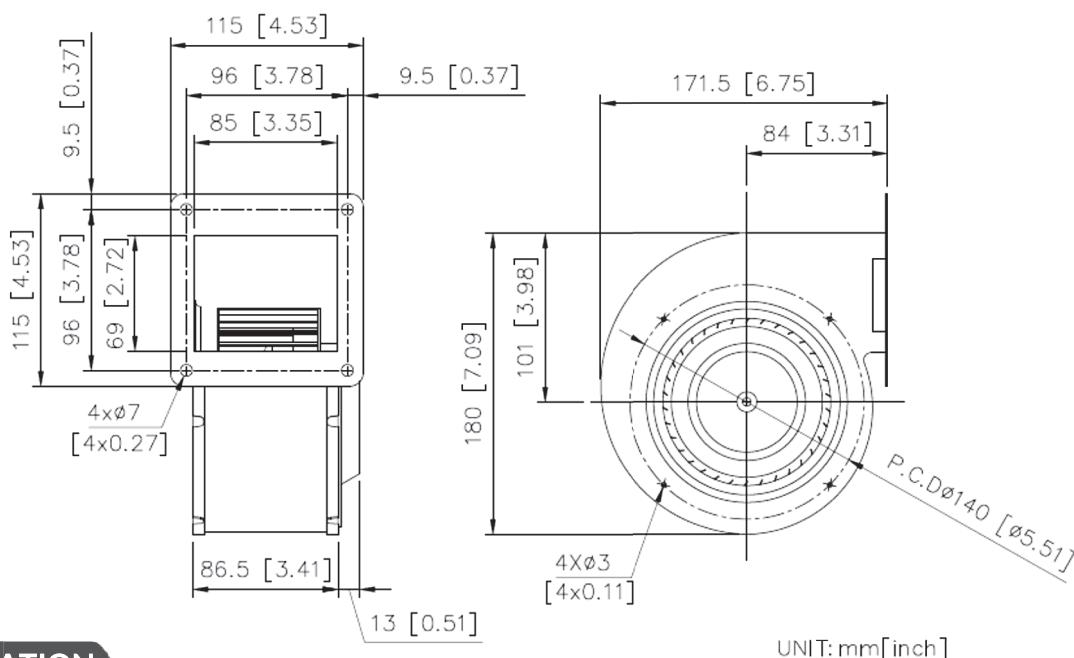


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Steel  
Steel  
Ball  
-25°C to 60°C  
5mA Max. at 700 VDC for 1 second  
10M  $\Omega$  min. @500 VDC  
1.6kg  
Yes  
IP44 (Special IP Rating On Request)

180 mm

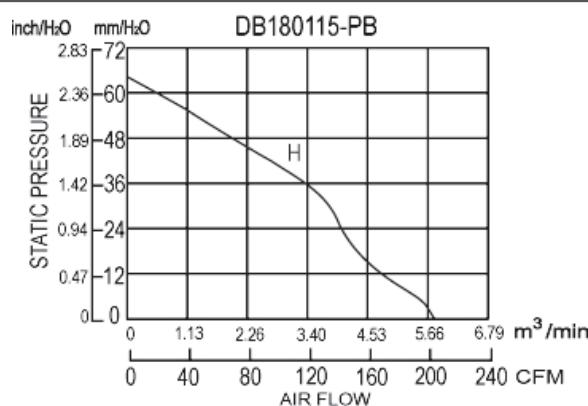
## DIMENSION



## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	MAX. AIR PRESSURE mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	MAX. AIR FLOW m <sup>3</sup> /min	NOISE dB(A) @50cm
DB180115V24H-PB	24	3.2	75	3650	2.49	63.2	205.88	5.83	67
DB180115V48H-PB	48	1.6	75	3650	2.49	63.2	205.88	5.83	67

## AIR PERFORMANCE



# DB18970

189X183X70mm(7.44"x7.20"x2.75")

CE

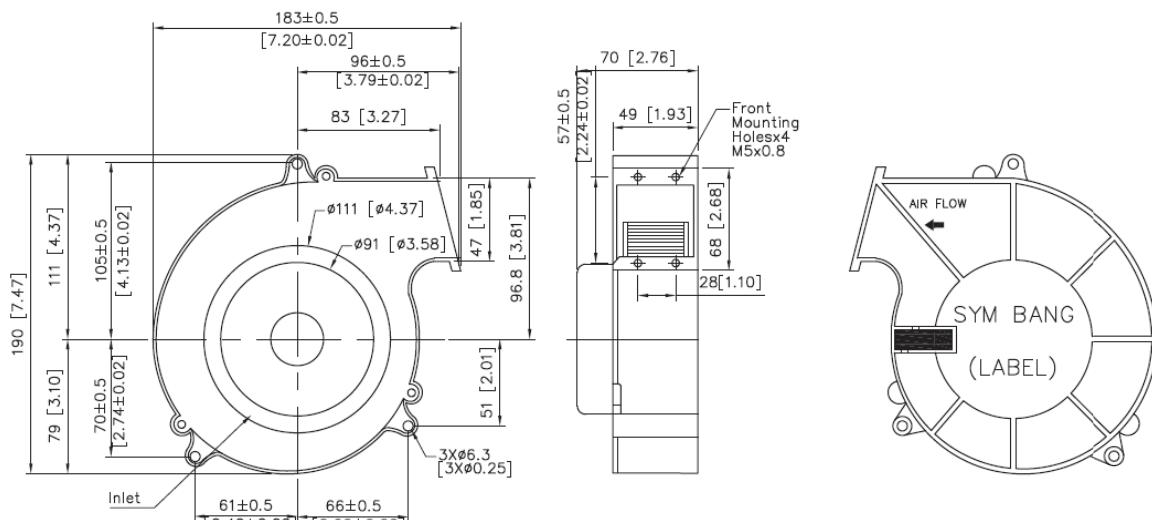


HOUSING  
IMPELLER  
BEARING  
OPERATING TEMPERATURE  
DIELECTRIC STRENGTH  
INSULATION RESISTANCE  
WEIGHT  
ROHS COMPLIANCE  
IP LEVEL

Aluminum Die Casting  
Thermoplastic PBT+30% Glass Fiber  
Ball  
-10°C to + 60°C  
5mA Max. at 500 VAC for 1 minute  
10M  $\Omega$  min. @500 VDC  
1.45 kg  
Yes  
IP21 (Special IP Rating On Request)

189 mm

## DIMENSION



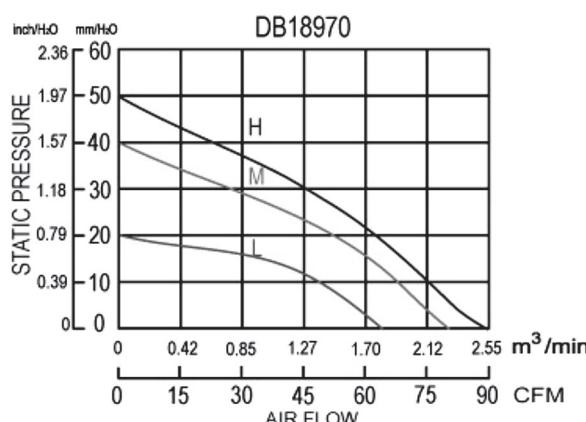
UNIT: mm [inch]

DC Fans & Blowers

## SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inch/H <sub>2</sub> O	mm/H <sub>2</sub> O	MAX. AIR FLOW CFM	m <sup>3</sup> /min	NOISE dB(A) @1M
DB18970V24H	24	2.2	52.8	3000	1.97	50	90	2.55	68
DB18970V24M	24	1.6	38.4	2700	1.57	40	80	2.26	63
DB18970V24L	24	0.86	20.6	2200	0.79	20	64	1.81	52
DB18970V48H	48	1.1	52.8	3000	1.97	50	90	2.55	68
DB18970V48M	48	0.8	38.4	2700	1.57	40	80	2.26	63
DB18970V48L	48	0.43	20.6	2200	0.79	20	64	1.81	52

## AIR PERFORMANCE



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