

A25089

Ø 254x89mm
(Ø 10"x3.50")

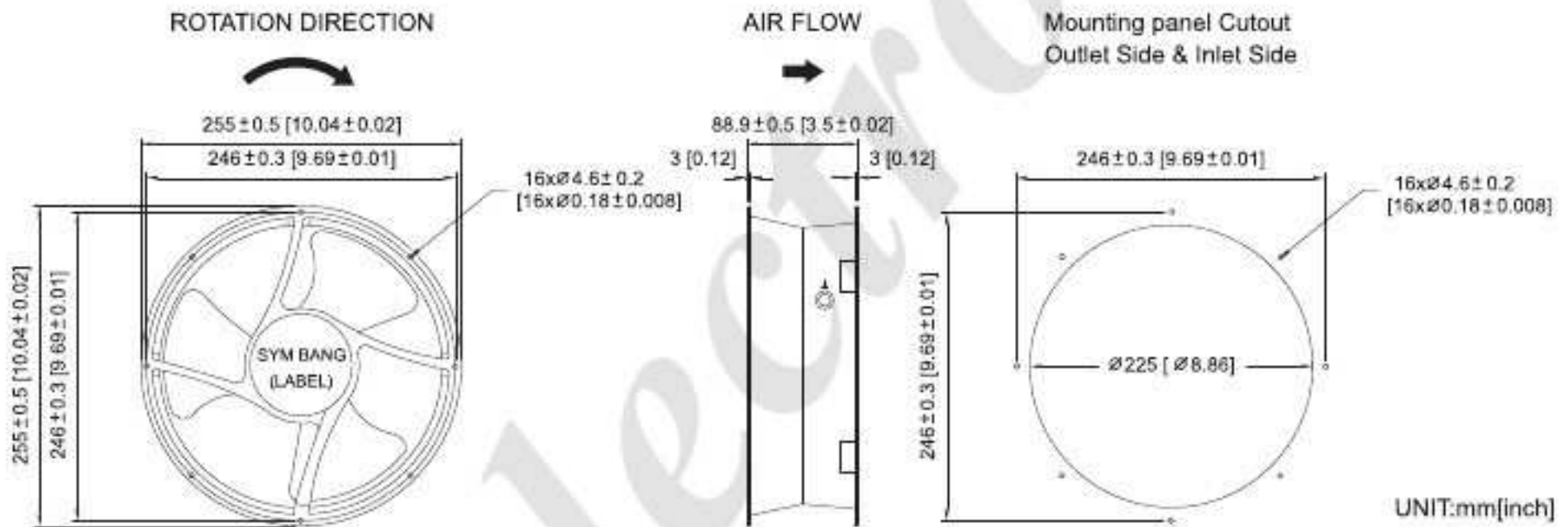


HOUSING
IMPELLER
BEARING
MOTOR TYPE
TERMINATION
OPERATING VOLTAGE RANGE

DIELECTRIC STRENGTH
INSULATION
INSULATION RESISTANCE
OPERATING TEMPERATURE
SAFETY
WEIGHT
ROHS COMPLIANCE

Aluminum Die Casting, Painted Black
Thermoplastic PBT, UL94V-0
Ball
AC Induction Capacitor Motor
Terminals or Lead Wire
85VAC to 125VAC for 115V Type
185VAC to 245VAC for 230V Type
1,500 VAC for 1 minute
Class A
10M Ohms min. @ 500VDC
-10°C to +70°C
Thermally Protected
1.6kg
Yes

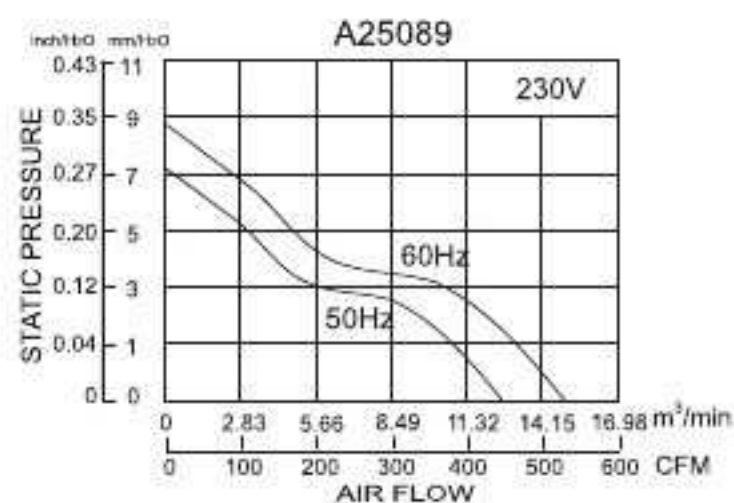
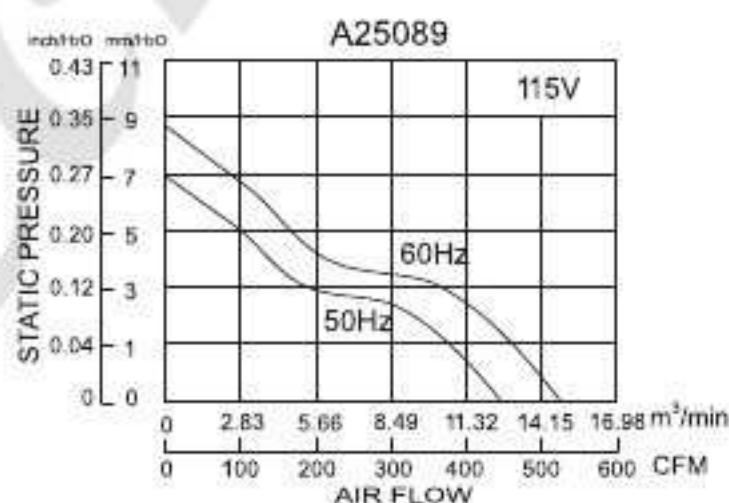
DIMENSION



SPECIFICATION

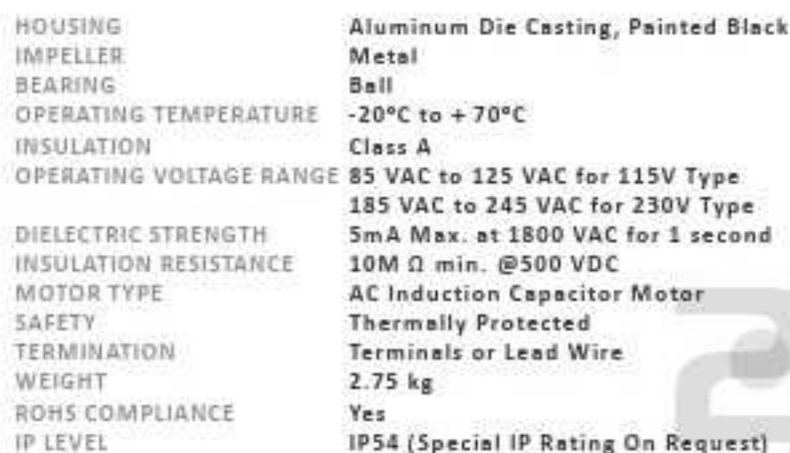
MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE inchH ₂ O mmH ₂ O	MAX. AIR FLOW CFM m ³ /min	NOISE dB(A) @1M
A25089V1MB	115	50/60	0.35/0.36	38/40	1400/1650	0.27/0.34 6.90/8.62	443/525 12.5/14.9	49/53
A25089V2MB	230	50/60	0.19/0.18	39/40	1450/1700	0.28/0.34 7.17/8.74	445/529 12.6/15.0	49/53

AIR PERFORMANCE



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Ø254x89mm (Ø10"x3.50")



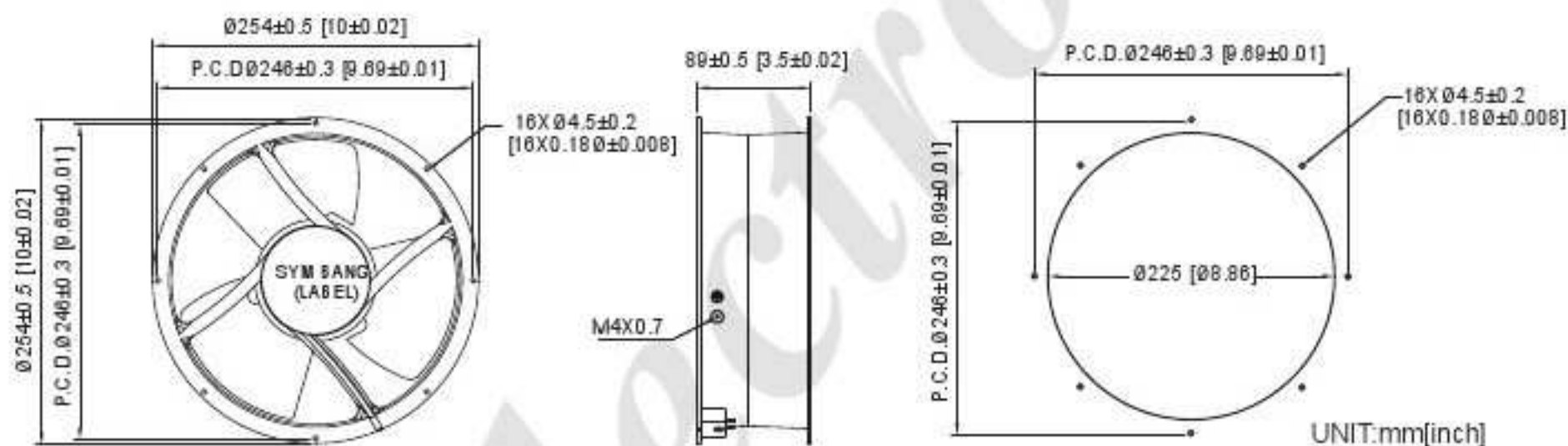
ROTATION DIRECTION



AIR FLOW



Mounting Panel Cutout
Outlet Side & Inlet Side



MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A) @1M
						inchH ₂ O	mmH ₂ O	CFM	m ³ /min	
A25089V1HBM DA	115	50/60	0.59/0.86	66.0/95.0	2800/3200	0.89/0.85	22.5/21.5	740/860	20.9/24.3	66/68
A25089V1LBM DA	115	50/60	0.21/0.24	24.0/26.0	1400/1650	0.25/0.31	6.3/7.9	370/440	10.5/12.5	52/54
A25089V2HBM DA	230	50/60	0.28/0.43	66.0/95.0	2800/3200	0.89/0.85	22.5/21.5	740/860	20.9/24.3	66/68
A25089V2LBM DA	230	50/60	0.11/0.12	24.0/26.0	1400/1650	0.25/0.31	6.3/7.9	370/440	10.5/12.5	52/54

A25089M-DA
60Hz

STATIC PRESSURE

inch/H₂O mm/H₂O

0.94 24
0.79 20
0.63 16
0.47 12
0.31 8
0.16 4
0 0

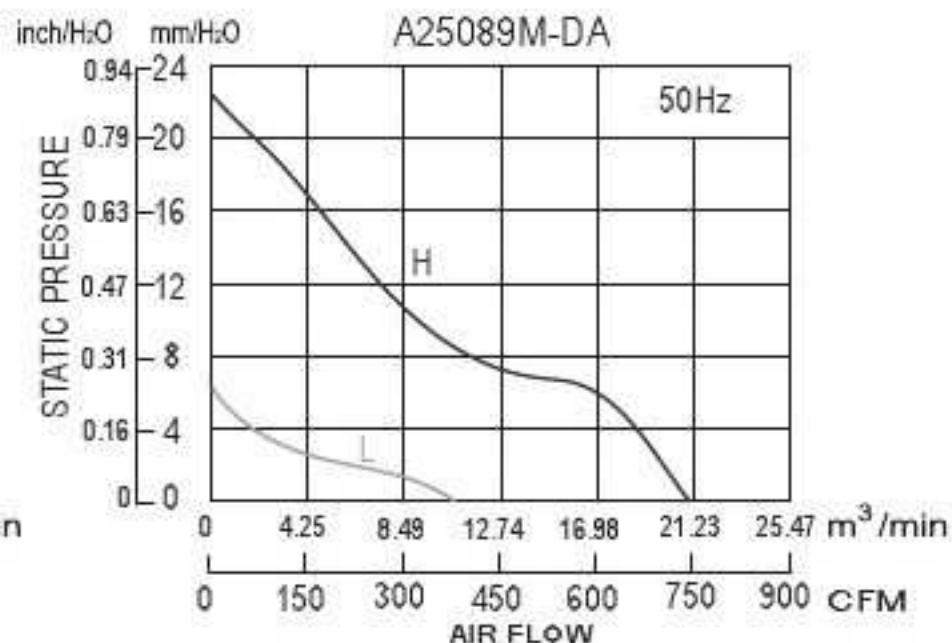
H

L

0 4.25 8.49 12.74 16.98 21.23 25.47 m³/min

0 150 300 450 600 750 900 CFM

AIR FLOW



A**25089-S**

Ø254x89mm (Ø10"x3.50")

CE

HOUSING
IMPELLER
BEARING
OPERATING TEMPERATURE
INSULATION
OPERATING VOLTAGE RANGE

DIELECTRIC STRENGTH
INSULATION RESISTANCE
MOTOR TYPE
SAFETY
TERMINATION
WEIGHT
ROHS COMPLIANCE
ADDITIONAL FUNCTION
IP LEVEL

Aluminum Die Casting, Painted Black
Thermoplastic PBT, UL94V-0
Ball
-10°C to +70°C
Class A
85 VAC to 125 VAC for 115V Type
185 VAC to 245 VAC for 230V Type
1,500 VAC for 1 second
10M Ω min. @500 VDC
AC Induction Capacitor Motor
Thermally Protected
Terminals or Lead Wire
2.2 kg
Yes
FG, RD
IP21 (Special IP Rating On Request)

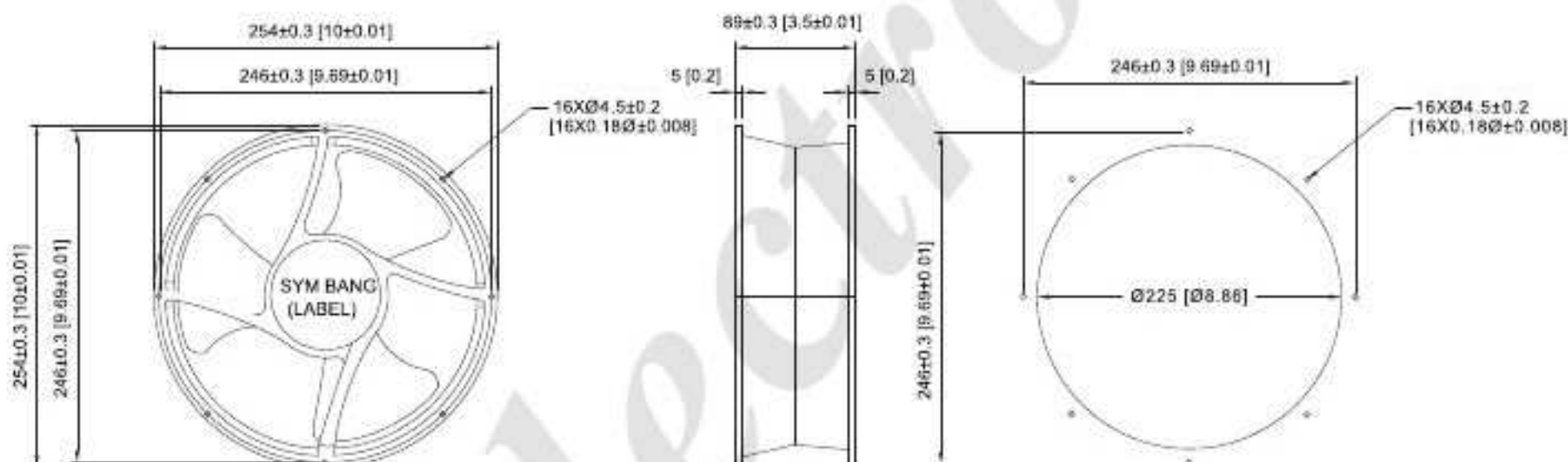
254mm

DIMENSION

ROTATION DIRECTION



AIR FLOW

Mounting Panel Cutout
Outlet Side & Inlet Side

UNIT:mm[inch]

SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB (A) @1M
						inchH ₂ O	mmH ₂ O	CFM	m ³ /min	
A25089V1HB-S	115	50/60	0.579/0.673	69.0/79.5	2100/1800	0.32/0.28	8.25/7.15	700/630	20.2/17.8	61/58
A25089V1MB-S	115	50/60	0.219/0.232	24.3/28.1	1400/1600	0.22/0.28	5.80/7.10	450/520	12.7/14.9	52/59
A25089V2HB-S	230	50/60	0.259/0.296	63.2/72.2	2100/1800	0.32/0.28	8.25/7.15	700/630	20.2/17.8	61/58
A25089V2MB-S	230	50/60	0.136/0.122	28.4/29.3	1400/1600	0.22/0.28	5.80/7.10	450/520	12.7/14.9	52/59

AIR PERFORMANCE