09225VA (3610VL)

DC Axial Fan

92□X25L



General Specifications

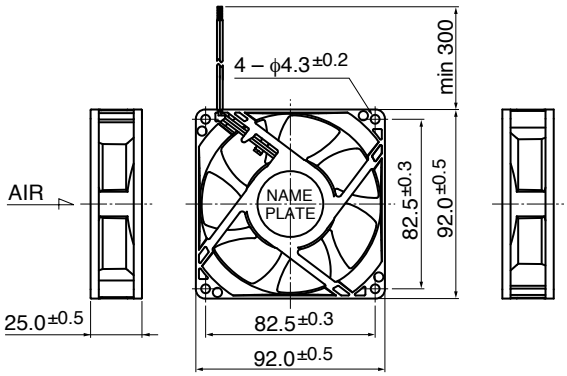
Motor Protection	Auto Restart / Polarity Protection
Insulation Resistance	10MΩ or over with a DC500V Megger
Dielectric Withstand Voltage	: AC700V 1s
Allowable Ambient Temperature Range	: − 10℃ ～ + 70℃ (Operating) − 40℃ ～ + 70℃ (Storage) non-condensing environment

Expected Life

※Failure Rate: 10% (L10 Life)

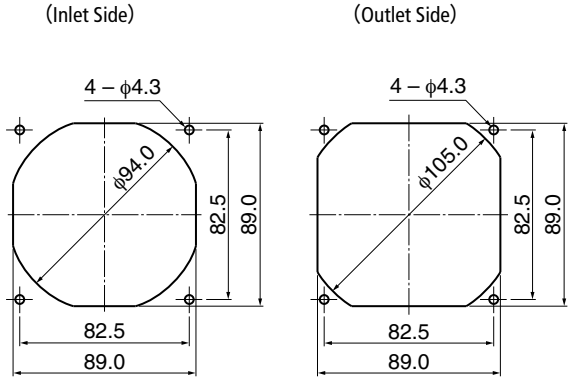
60℃ 40,000 (Hours)

Outline

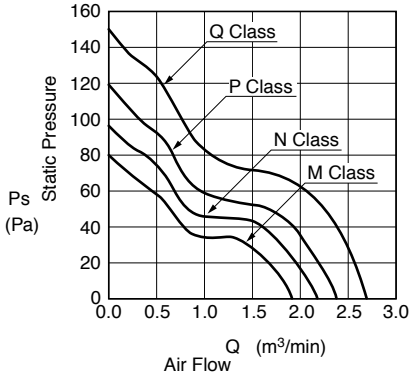


∗Outline is A (Rib) type.

Panel Out-cuts



Characteristic Curves



Material

Casing	: Plastic (Black) UL94V-0
Impeller	: Plastic (Black) UL94V-0
Bearing	: Ball Bearing
Lead Wire	: UL3385 AWG26 +：Red, −：Black

Customize service for IP compatible type and Oil-proof type is available for this item.
Please contact to our sales representative for more detail.

Specifications

Model**	Product Number	Rating Voltage (V)	Operating Voltage (V)	Current (A)*1	Input Power (W)*1	Speed (min-1)*1	Max Air Flow (m^3/min)*1	Max Air Flow (CFM)*1	Max Static Pressure (Pa)	Max Static Pressure (In H2O)*1	Noise (dB)*1	Mass (g)
09225VA-12M-AA-	00	12	7.0 ~ 13.8	0.30	3.60	4000	1.93	68.1	80.0	0.32	42.0	135
09225VA-12N-AA-	00	12	7.0 ~ 13.8	0.40	4.80	4500	2.18	77.0	98.0	0.39	45.0	
09225VA-12P-AA-	00	12	7.0 ~ 13.8	0.52	6.24	5000	2.43	85.8	120.0	0.48	48.0	
09225VA-12Q-AA-	00	12	7.0 ~ 13.8	0.72	8.64	5600	2.73	96.4	150.0	0.60	51.0	
09225VA-24K-AA-	00	24	14.0 ~ 27.6	0.11	2.64	3200	1.53	54.0	50.0	0.20	35.5	
09225VA-24L-AA-	00	24	14.0 ~ 27.6	0.14	2.64	3600	1.73	61.1	65.0	0.26	38.5	
09225VA-24M-AA-	00	24	14.0 ~ 27.6	0.17	4.08	4000	1.93	68.1	80.0	0.32	42.0	
09225VA-24N-AA-	00	24	14.0 ~ 27.6	0.22	5.28	4500	2.18	77.0	98.0	0.39	45.0	
09225VA-24P-AA-	00	24	14.0 ~ 27.6	0.28	6.72	5000	2.43	85.8	120.0	0.48	48.0	
09225VA-24Q-AA-	00	24	14.0 ~ 27.6	0.38	9.12	5600	2.73	96.4	150.0	0.60	51.0	

Rotation: Clockwise as seen from the label side
Airflow Outlet: Label side

**Flange casing available

*1: Average Values in Free Air

General Specifications

Motor Protection:
Auto Restart/Polarity Protection

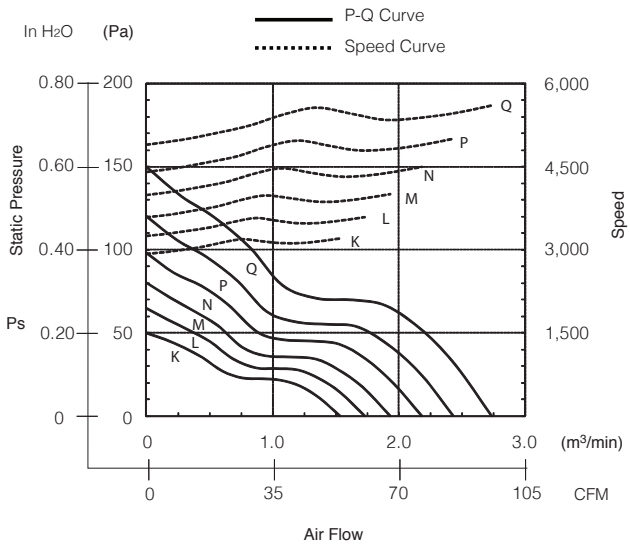
Insulation Resistance:
10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
-10°C ~ +70°C (Operating)
-40°C ~ +70°C (Storage)

IP Code: IP69K

Characteristic Curves



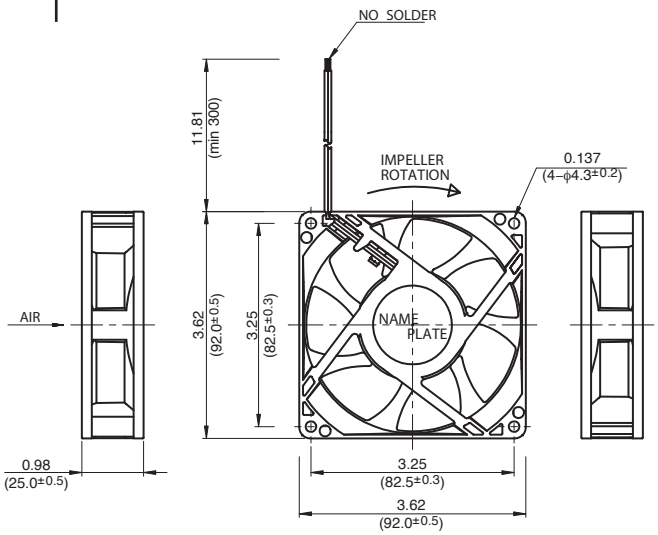
Expected Life

25°C 100,000 Hours (L10)

Material

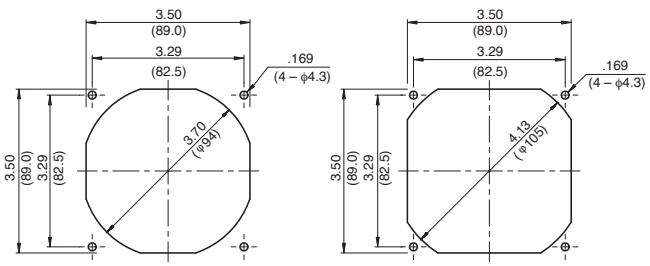
Casing : Plastic (Black) UL94V-0
Impeller : Plastic (Black) UL94V-0
Bearing : Ball Bearing
Lead Wire : UL3385, AWG26, +Red, -Black

Outline



Panel Cut-Outs

Units: inch (mm)



INLET SIDE OUTLET SIDE

Specifications

MODEL	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(V)	(A)*1	(W)*1	(min⁻¹)*1	CFM*1	(m³/min)*1	in H2O	(Pa)*1	(dB)*1	(g)
09225VA-12K-CA-00	12	7.0 ~ 13.8	0.18	2.16	3200	54.03	1.53	.20	50.0	35.5	150
09225VA-12L-CA-00	12	7.0 ~ 13.8	0.24	2.88	3600	61.09	1.73	.26	65.0	38.5	150
09225VA-12M-CA-00	12	7.0 ~ 13.8	0.30	3.60	4000	68.16	1.93	.32	80.0	42.0	150
09225VA-12N-CA-00	12	7.0 ~ 13.8	0.40	4.80	4500	76.99	2.18	.39	98.0	45.0	150
09225VA-12P-CA-00	12	7.0 ~ 13.8	0.52	6.24	5000	85.81	2.43	.48	120.0	48.0	150
09225VA-12Q-CA-00	12	7.0 ~ 13.8	0.72	8.64	5600	96.41	2.73	.60	150.0	51.0	150

Rotation: Clockwise Airflow Outlet: Air Out Over Struts *1: Average Values in Free Air Note: PWM/Locked Rotor/Tach Available

Specifications

MODEL	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(V)	(A)*1	(W)*1	(min^{-1})*1	CFM*1	(m^3/min)*1	in H_2O	(Pa)*1	(dB)*1	(g)
09225VA-24K-CA-00	24	14.0 ~ 27.6	0.11	2.64	3200	54.03	1.53	.20	50.0	35.5	150
09225VA-24L-CA-00	24	14.0 ~ 27.6	0.14	3.36	3600	61.09	1.73	.26	65.0	38.5	150
09225VA-24M-CA-00	24	14.0 ~ 27.6	0.17	4.08	4000	68.16	1.93	.32	80.0	42.0	150
09225VA-24N-CA-00	24	14.0 ~ 27.6	0.22	5.28	4500	76.99	2.18	.39	98.0	45.0	150
09225VA-24P-CA-00	24	14.0 ~ 27.6	0.28	6.72	5000	85.81	2.43	.48	120.0	48.0	150
09225VA-24Q-CA-00	24	14.0 ~ 27.6	0.38	9.12	5600	96.41	2.73	.60	150.0	51.0	150

Rotation: Clockwise Airflow Outlet: Air Out Over Struts *1: Average Values in Free Air Note: PWM/Locked Rotor/Tach Available