

04020VA (1608VL)

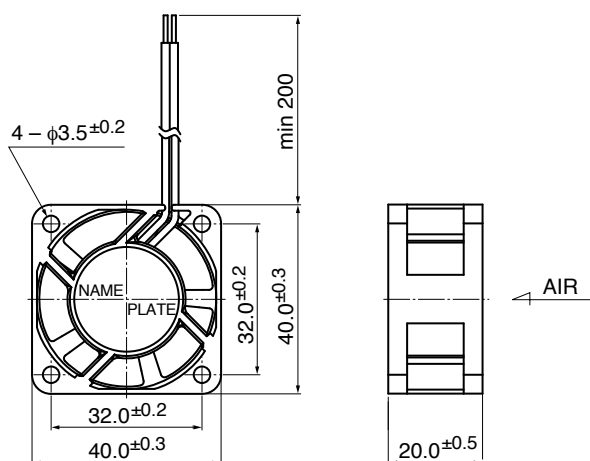
DC Axial Fan

40[□]X20^L

General Specifications

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

Outline



Expected Life

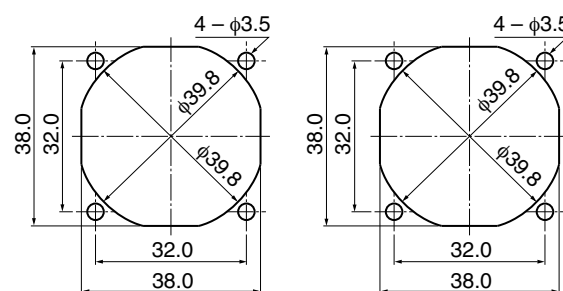
※ Failure Rate: 10% (L10 Life)

60°C 40,000 (Hours)

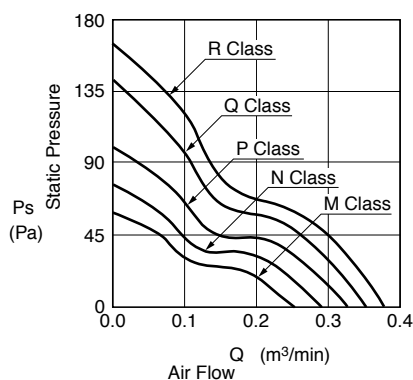
Panel Out-cuts

(Inlet Side)

(Outlet Side)



Characteristic Curves



Material

Casing : Plastic (Black) UL94V-0
 Impeller : Plastic (Black) UL94V-0
 Bearing : Ball Bearing
 Lead Wire : UL1007 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 (m³/min)*1	Max Static Pressure (Pa)	Noise (dB)*1	Mass (g)
04020VA-05Q-AA-	00	5	4.5 ~ 5.5	0.42	2.10	10,000	0.34	12.0	123	38.0
04020VA-12K-AA-	00	12	7.0 ~ 13.2	0.05	0.60	5,500	0.165	5.8	36.7	23.0
04020VA-12L-AA-	00	12	7.0 ~ 13.2	0.21	0.08	6,500	0.21	7.4	47.7	26.0
04020VA-12M-AA-	00	12	7.0 ~ 13.2	0.085	1.02	7,500	0.25	8.8	58.8	29.0
04020VA-12N-AA-	00	12	7.0 ~ 13.2	0.11	1.32	8,500	0.29	10.2	76.6	32.5
04020VA-12P-AA-	00	12	7.0 ~ 13.2	0.13	1.56	9,500	0.32	11.3	99.3	37.0
04020VA-12Q-AA-	00	12	10.8 ~ 13.2	0.21	2.52	11,000	0.35	12.4	142.0	42.0
04020VA-12R-AA-	00	12	10.8 ~ 13.2	0.18	2.16	12,000	0.38	13.4	165.0	46.0
04020VA-24K-AA-	00	24	14.0 ~ 26.4	0.03	0.77	5,500	0.165	5.8	36.7	23.0
04020VA-24L-AA-	00	24	14.0 ~ 26.4	0.04	0.96	6,500	0.21	7.4	47.7	26.0
04020VA-24M-AA-	00	24	14.0 ~ 26.4	0.05	1.20	7,500	0.25	8.8	58.8	29.0
04020VA-24P-AA-	00	24	14.0 ~ 26.4	0.10	2.40	9,500	0.32	11.3	99.3	37.0
04020VA-24Q-AA-	00	24	14.0 ~ 26.4	0.11	2.64	11,000	0.35	12.4	142.0	42.0

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

*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

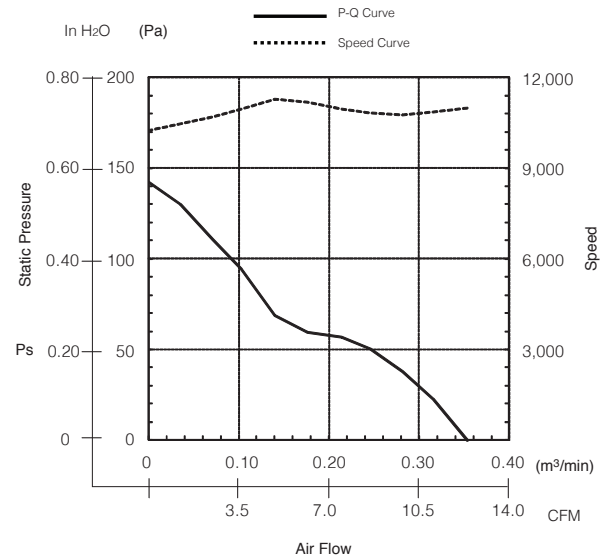
Allowable Ambient Temperature Range:

-10°C ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

IP Code: IP69K

Characteristic Curves



Expected Life

25°C 100,000 Hours (L10)

Material

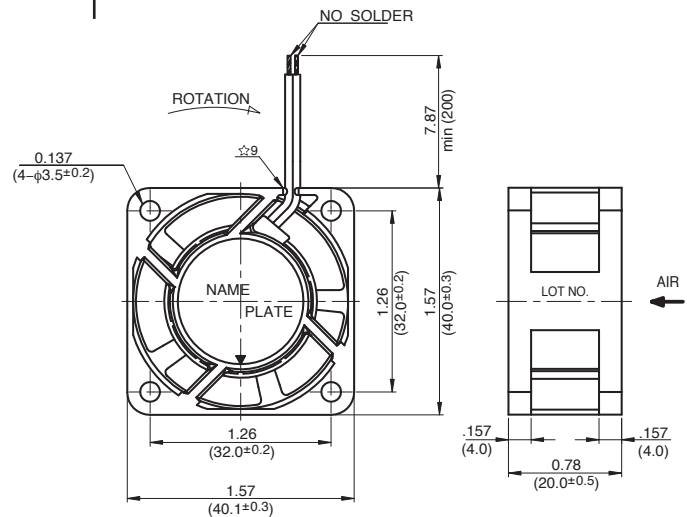
Casing : Plastic (Black) UL94V-0

Impeller : Plastic (Black) UL94V-0

Bearing : Ball Bearing

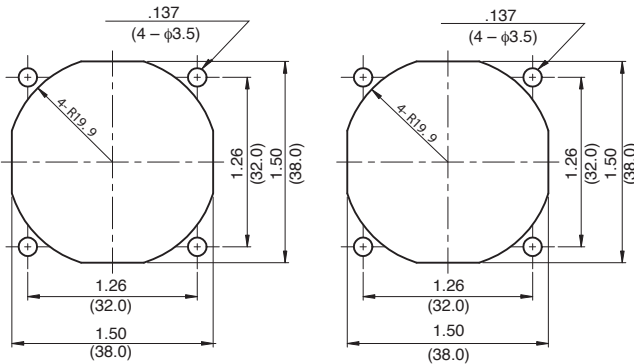
Lead Wire : UL3385, AWG26, +Red, -Black

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 H ₂ O	(Pa) ^{*1}	(dB) ^{*1}	(g)
04020VA-12Q-CA-00	12	9.0 ~ 13.2	0.13	1.56	11000	12.36	0.35	.57	142	42.0	40
04020VA-24Q-CA-00	24	14.0 ~ 26.4	0.09	2.16	11000	12.36	0.35	.57	142	42.0	40

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

*1: Average Values in Free Air

Note: PWM/Locked Rotor/Tach Available