

08020SA (3108SB)

DC Axial Fan Ball Bearing

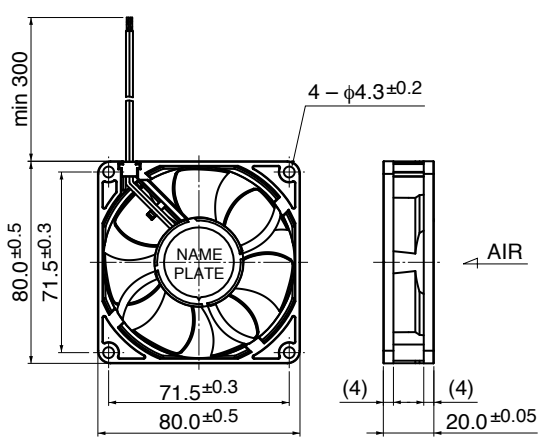
80[□]X20^L



General Specifications

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

Outline



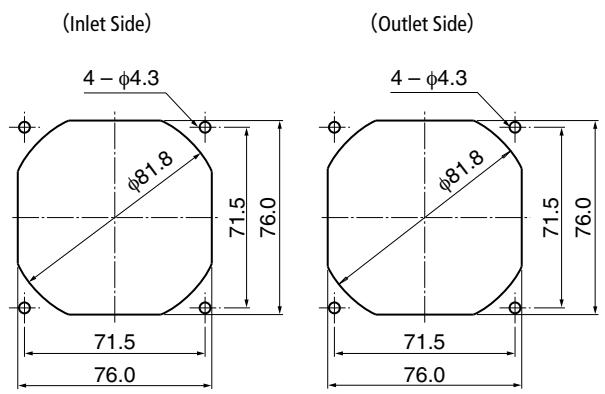
* Outline is A (Rib) type.

Expected Life

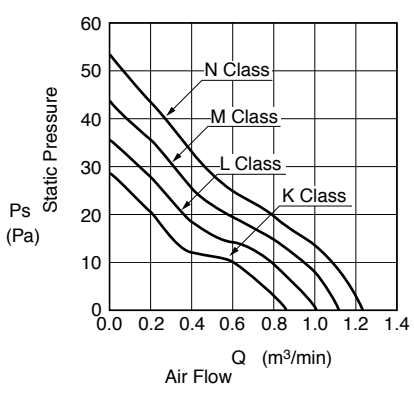
※ Failure Rate: 10% (L10 Life)

60°C 40,000 (Hours)

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

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	(CFM)*1	Max Static Pressure (Pa)	(In H2O)*1	Noise (dB)*1	Mass (g)
08020SA-12J-AA-	00	12	6.0 ~ 13.8	0.05	0.60	2600	0.78	27.6	28.3	0.11	27.0	80
08020SA-12k-AA-	00	12	6.0 ~ 13.8	0.07	0.84	2900	0.88	31.1	34.9	0.14	31.0	
08020SA-12L-AA-	00	12	6.0 ~ 13.8	0.09	1.08	3300	1.02	36.0	43.6	0.17	34.0	
08020SA-12M-AA-	00	12	6.0 ~ 13.2	0.13	1.56	3700	1.13	39.9	52.8	0.21	37.5	
08020SA-24J-AA-	00	24	9.0 ~ 27.6	0.05	1.20	2600	0.78	27.6	28.3	0.11	27.0	
08020SA-24K-AA-	00	24	9.0 ~ 27.6	0.06	1.44	2900	0.88	31.1	28.5	0.11	31.0	
08020SA-24L-AA-	00	24	9.0 ~ 27.6	0.07	1.68	3300	1.02	36.0	35.0	0.14	34.0	
08020SA-24M-AA-	00	24	9.0 ~ 27.6	0.09	2.16	3700	1.13	39.9	44.0	0.18	37.5	
08020SA-24N-AA-	00	24	9.0 ~ 26.4	0.10	2.40	4000	1.20	42.4	53.0	0.21	40.5	

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

**Flange casing available

*1: Average Values in Free Air

Mouser Electronics

Authorized Distributor

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[08020SA-12K-AL-00](#) [08020SA-12K-AT-00](#) [08020SA-24L-AL-00](#) [08020SA-24L-AA-00](#) [08020SA-24L-AT-00](#) [08020SA-](#)
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[24N-AT-00](#) [08020SA-24K-ET-00](#)