

General Specifications

Motor Structure: Shaded Pole Induction Motor

Motor Protection: Impedance 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)

(non-condensing environment)

Expected Life

Failure Rate: 10%

25°C 50,000 Hours

Material

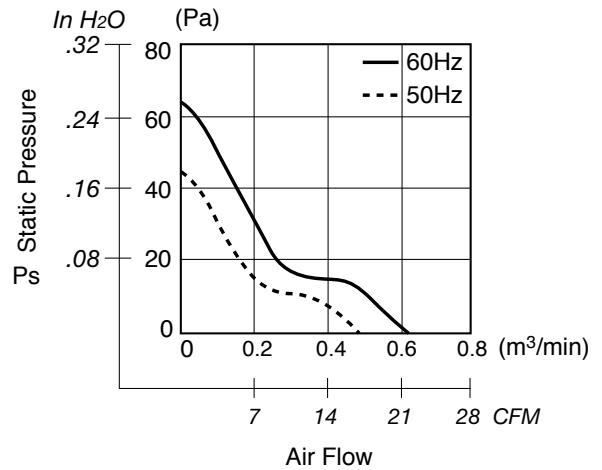
Casing : Aluminum

Impeller : Polycarbonate (Glass Fiber-Containing)

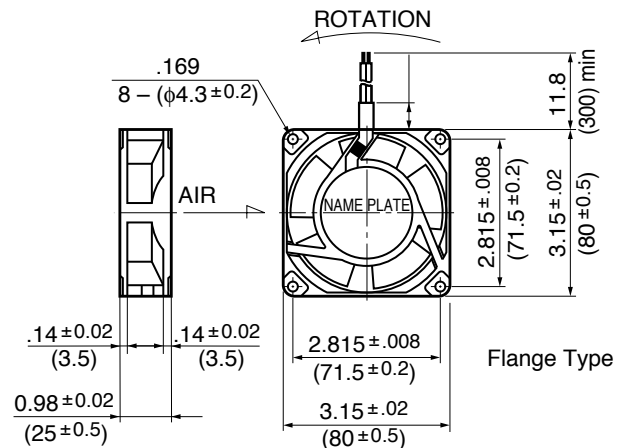
Bearing : Ball Bearing

Lead Wire : UL3266, CSA CL 1252, AWG22

Characteristic Curves

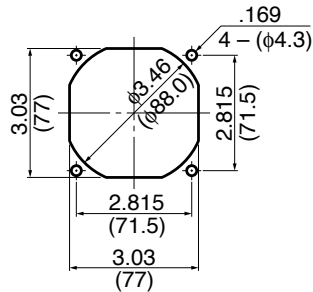


Outline



Panel Cut-Outs

Units: $\frac{\text{inch}}{\text{mm}}$



INLET SIDE / OUTLET SIDE

Specifications

MODEL	Rated Voltage	Frequency	Starting Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
	(V)	(Hz)	(V)	(A) ^{*1}	(W) ^{*10%} -20%	(min ⁻¹) ^{*3}	CFM	(m³/min) ^{*3}	in H ₂ O	(Pa) ^{*3}	(dB) ^{*2}	(g)
3110PS-10W-B30-A00	100	50	65	0.090	6.0	2600	16.2	0.46	.15	39.2	28	220
	100	60	65	0.080	5.0	3100	19.7	0.56	.21	53.9	33	220
3110PS-12W-B30-A00	115	50	65	0.085	6.0	2600	16.2	0.46	.15	39.2	28	220
	115	60	65	0.075	5.0	3100	19.7	0.56	.21	53.9	33	220

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

*1: Maximum Values in Free Air

*2: Average Values in Free Air

*3: Minimum Values in Free Air

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[NMB Technologies:](#)

[3110PS-12W-B30-A00](#)