

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

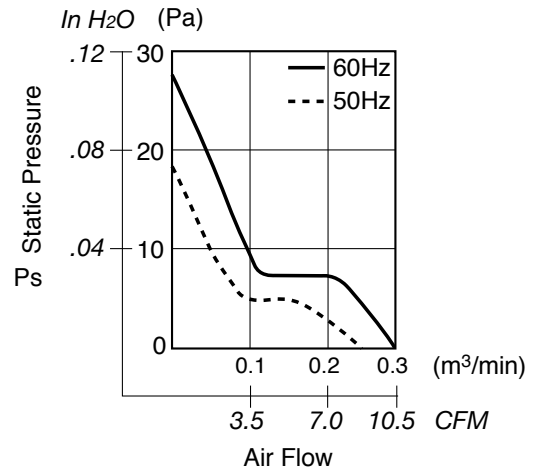
Casing : Aluminum

Impeller : Polycarbonate (Glass Fiber-Containing)

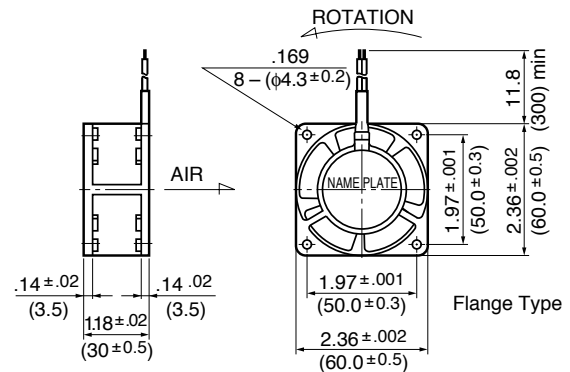
Bearing : Ball Bearing

Lead Wire : UL3266, CSA CL 1252, AWG22

Characteristic Curves

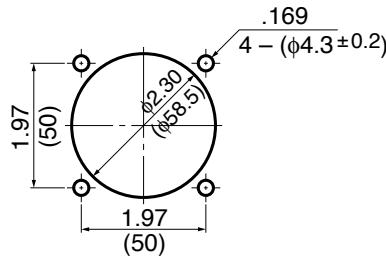


Outline



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) ^{*2}	CFM	(m³/min) ^{*2}	in H ₂ O	(Pa) ^{*2}	(dB) ^{*2}	(g)
2412PS-10W-B30-A00	100	50	65	0.080	6.0	2000	7.0	0.20	.05	13.7	28	140
	100	60	65	0.070	5.0	2600	9.1	0.26	.09	22.6	29	140
2412PS-12W-B30-A00	115	50	65	0.070	4.5	2000	7.0	0.20	.05	13.7	28	140
	115	60	65	0.060	4.0	2600	9.1	0.26	.09	22.6	29	140

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:](#)

[2412PS-10W-B30-B00](#) [2412PS-12W-B30-A00](#)