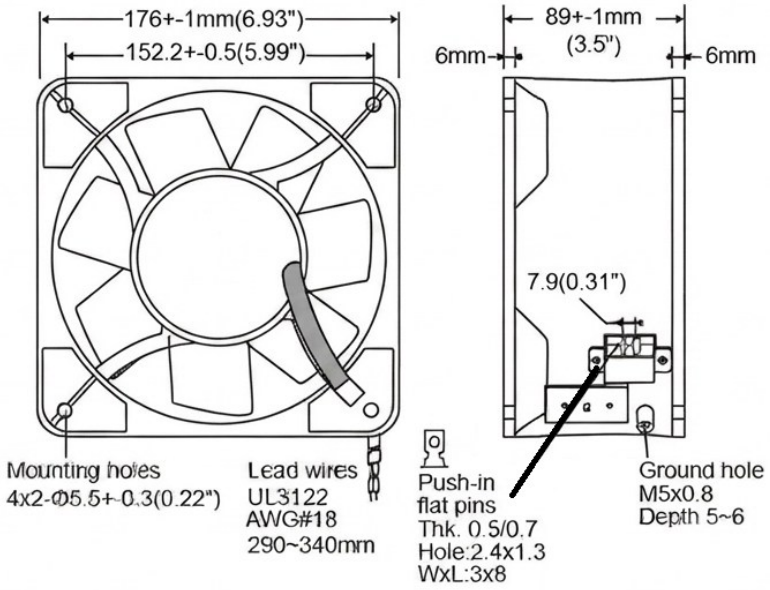
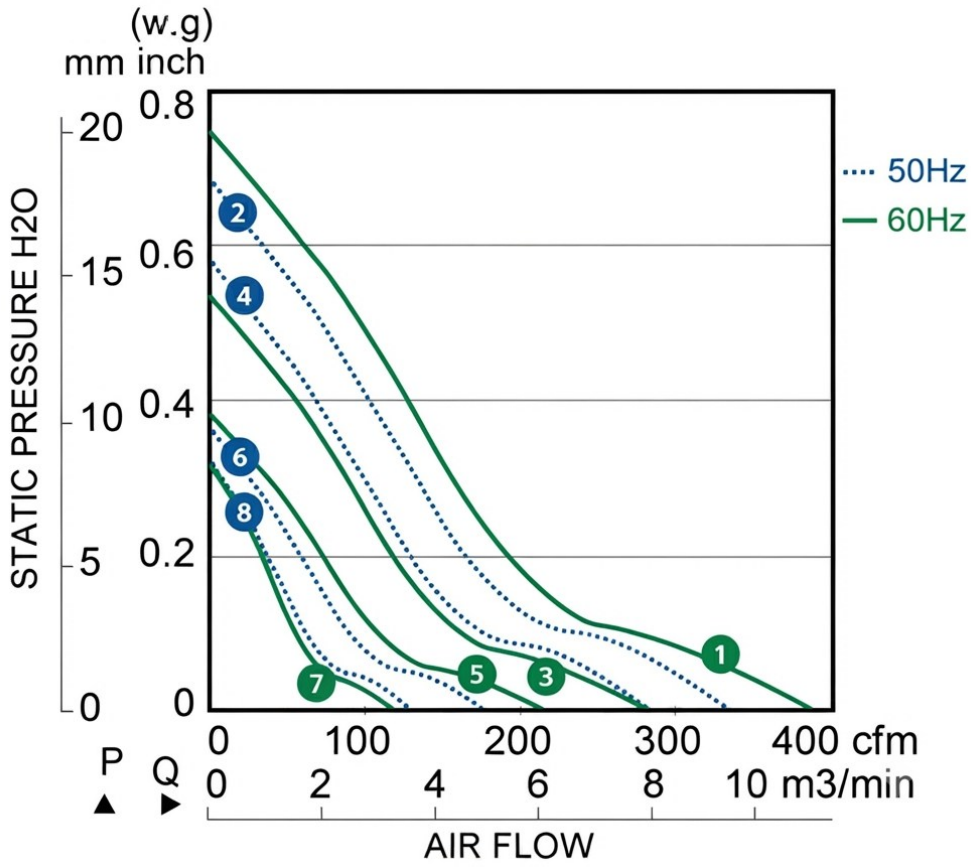
EA1789CM IP68 / IP69K Series.

AC Capacitance Induction Motor / Thermally Protected
Size: 176 x 176 x 89 mm
7 x 3.5 Inches
Airflow: Max 380 CFM / 10.8 m³/Min
Aluminum Frame / Metal Impeller

Dimensions Drawing:



Performance P-Q Curves:



Mechanical	
Connection :	Lead wires or Terminal Type
Weight :	1,850 g (4.08 Lbs)
Electrical	
Dielectric Strength :	1,500VAC/min, 1mA, 50/60 Hz
Insulation Resistance :	Over 100MΩ at DC 500V
Signal Output :	Option : FG, RD...

Enviroment	
Operating Temp :	-30C~+80C
Storage Temp :	-40C~+100C (at 65%RH)
Life Expectancy :	L10 50K hours at 55C

Model No	Rated Voltage VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref. Speed RPM	Max. Airflow CFM	Max. Airflow m3 / min	Max. Static Pressure Inch / H2O	Max. Static Pressure mm / H2O	Noise Level db(A)	PQ
EA1789CM-11H**(68)	115	100~120	50 / 60	60 / 80	2750 / 3250	330 / 380	9.3 / 10.8	0.69 / 0.76	17.53 / 19.3	63	2/1
EA1789CM-11M**(68)	115	100~120	50 / 60	55 / 65	2300 / 2100	285 / 275	8.1 / 7.8	0.59 / 0.53	14.99 / 13.46	52	4/3
EA1789CM-11L**(68)	115	100~120	50 / 60	20 / 30	1450 / 1650	175 / 210	5 / 5.9	0.36 / 0.39	9.14 / 9.91	41	6/5
EA1789CM-11LL**(68)	115	100~120	50 / 60	18 / 25	1100 / 1150	130 / 120	3.7 / 3.4	0.33 / 0.32	8.38 / 8.13	37	8/7
EA1789CM-22H**(68)	230	200~240	50 / 60	60 / 80	2750 / 3250	330 / 380	9.3 / 10.8	0.69 / 0.76	17.53 / 19.3	63	2/1
EA1789CM-22M**(68)	230	200~240	50 / 60	55 / 65	2300 / 2100	285 / 275	8.1 / 7.8	0.59 / 0.53	14.99 / 13.46	52	4/3
EA1789CM-22L**(68)	230	200~240	50 / 60	20 / 30	1450 / 1650	175 / 210	5 / 5.9	0.36 / 0.39	9.14 / 9.91	41	6/5
EA1789CM-22LL**(68)	230	200~240	50 / 60	18 / 25	1100 / 1000	130 / 120	3.7 / 3.4	0.33 / 0.32	8.38 / 8.13	37	8/7
EA1789CM-44H** (380)(68)	380	380~440	50 / 60	60 / 80	2750 / 3250	330 / 380	9.3 / 10.8	0.69 / 0.76	17.53 / 19.3	63	2/1
EA1789CM-44H** (68)	440	380~440	50 / 60	60 / 80	2750 / 3250	330 / 380	9.3 / 10.8	0.69 / 0.76	17.53 / 19.3	63	2/1

** = "WB" for wire lead type Ball bearing or "TB" for Terminal type Ball bearing.

We reserves the right to change data and improve electrical & mechanical design without notice, data tolerance

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