



·AC· MK200FAP (68)



Dia.172x71mm / 6.8inch
485~160 CFM

Sinwan IP68/IP69K AC Metal Impeller

Model No	Rated Volt	Voltage Range	Freq	Input Power	Ref. Speed	Max.Airflow	Max.Static Pressure	Noise Level	PQ
	VAC	VAC	Hz	Watt	RPM	CFM m3/min	Inch/H2O mm	db(A)	
MK200FAP11-1** (68)	115	100~120	50/60	60/80	2800/3300	430/485 12.2/13.7	0.82/0.93 20.83/23.62	66	2/1
MK200FAP11-2** (68)	115	100~120	50/60	55/65	2400/2600	365/395 10.3/11.2	0.68/0.75 17.27/19.05	52	4/3
MK200FAP11-3** (68)	115	100~120	50/60	20/30	1600/1500	245/230 6.9/6.5	0.46/0.42 11.68/10.67	43	6/5
MK200FAP11-4** (68)	115	100~120	50/60	18/25	1200/1100	190/160 5.4/4.5	0.35/0.30 8.89/7.62	35	8/7
MK200FAP11-1/2** (68) Dual speed	115	100~120	50/60	60/80	2800/3300	430/485 12.2/13.7	0.82/0.93 20.83/23.62	66	2/1
MK200FAP11-3/4** (68) Dual speed	115	100~120	50/60	20/30	1600/1500	245/230 6.9/6.5	0.46/0.42 11.68/10.67	43	6/5
MK200FAP22-1** (68)	230	200~240	50/60	60/80	2800/3300	430/485 12.2/13.7	0.82/0.93 20.83/23.62	66	2/1
MK200FAP22-2** (68)	230	200~240	50/60	55/65	2400/2600	365/395 10.3/11.2	0.68/0.75 17.27/19.05	52	4/3
MK200FAP22-3** (68)	230	200~240	50/60	20/30	1600/1500	245/230 6.9/6.5	0.46/0.42 11.68/10.67	43	6/5
MK200FAP22-4** (68)	230	200~240	50/60	18/25	1200/1100	190/160 5.4/4.5	0.35/0.30 8.89/7.62	35	8/7
MK200FAP22-1/2** (68) Dual speed	230	200~240	50/60	60/80	2800/3300	430/485 12.2/13.7	0.82/0.93 20.83/23.62	66	2/1
MK200FAP22-3/4** (68) Dual speed	230	200~240	50/60	20/30	1600/1500	245/230 6.9/6.5	0.46/0.42 11.68/10.67	43	6/5
MK200FAP22-3/4** (68) Dual speed	230	200~240	50/60	18/25	1200/1100	190/160 5.4/4.5	0.35/0.30 8.89/7.62	35	8/7

- The stated airflow, air pressure, noise levels are measured with housing orifice dia.: impeller $\Phi +1 \sim 1.5$ mm, at distance: approx. height of impeller + motor frame. The optimal operating data can only be depended on the installation conditions.
- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple speed 1/2/3 available on request.
- Sinwan reserves the right to change data and improve electrical or mechanical design without notice, data tolerance $\pm 10\%$

Motor

Motor Type:	Capacitor Induction, Outer rotor, 2 or 4 pole
Burnout Protection:	Thermally protected
IP Protection:	IP68 or IP69K optional on request

Mechanical

Frame:	Aluminum die cast, black cosmetics
Impeller:	Steel-sheet metal fan blades, integrantly spot welded onto orotor
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Wire leads
Weight:	-

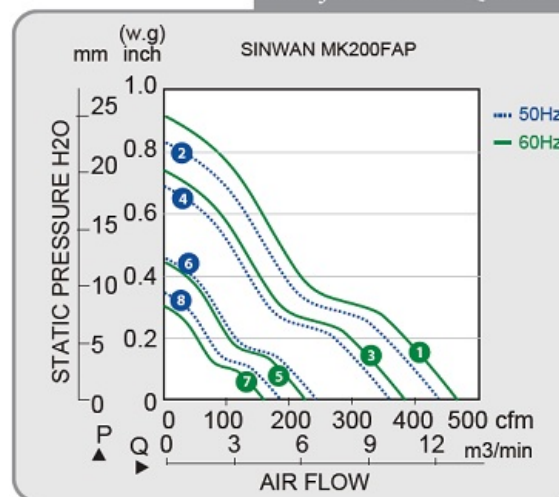
Electronical

Dielectric Strength:	Over 1 min.at 1,500 VAC, 2mA, 50/60Hz
Insulation Resistance:	Over 100 M Ω at DC 500V
Signal Output:	Optional: R/D alarm output, F/G Tachometer output

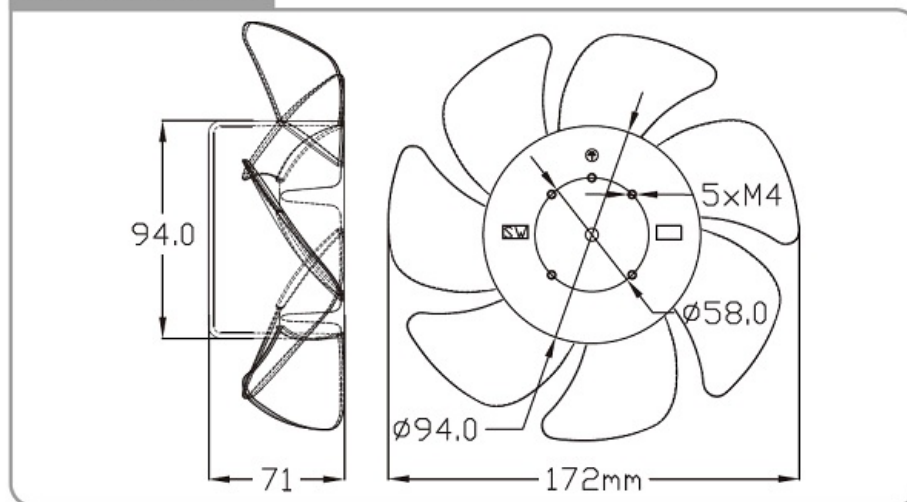
Environment

Operating Temp:	-30C~+80C
Storage Temp:	-40C~+100C
Life Expectancy:	L10 80K hours at 45C, 50K hours at 55C

► Performance P-Q Curve



► Outline Dimensions



Relevant products