



·AC· MK200RAN (68)



Dia.172x79mm / 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)	
MK200RAN11-1** (68)	115	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7 0.82/0.93	20.83/23.62	66 2/1
MK200RAN11-2** (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
MK200RAN11-3** (68)	115	100~120	50/60	32/40	1600/1500	245/230	6.9/6.5 0.46/0.42	11.68/10.67	43 6/5
MK200RAN11-4** (68)	115	100~120	50/60	24/33	1200/1100	190/160	5.4/4.5 0.35/0.30	8.89/7.62	35 8/7
MK200RAN11-1/2** (68) Dual speed	115	100~120	50/60	95/105	2800/3300	430/485	12.2/13.7 0.82/0.93	20.83/23.62	66 2/1
MK200RAN11-3/4** (68) Dual speed	115	100~120	50/60	32/40	1600/1500	245/230	6.9/6.5 0.46/0.42	11.68/10.67	43 6/5
MK200RAN22-1** (68)	230	200~240	50/60	95/105	2800/3300	430/485	12.2/13.7 0.82/0.93	20.83/23.62	66 2/1
MK200RAN22-2** (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
MK200RAN22-3** (68)	230	200~240	50/60	32/40	1600/1500	245/230	6.9/6.5 0.46/0.42	11.68/10.67	43 6/5
MK200RAN22-4** (68)	230	200~240	50/60	24/33	1200/1100	190/160	5.4/4.5 0.35/0.30	8.89/7.62	35 8/7
MK200RAN22-1/2** (68) Dual speed	230	200~240	50/60	95/105	2800/3300	430/485	12.2/13.7 0.82/0.93	20.83/23.62	66 2/1
MK200RAN22-3/4** (68) Dual speed	230	200~240	50/60	32/40	1600/1500	245/230	6.9/6.5 0.46/0.42	11.68/10.67	43 6/5

- The stated airflow, air pressure, noise levels are measured with housing orifice dia.: impeller Φ +1~1.5mm, 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 +-10%

Motor

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

Mechanical

Frame: Aluminum die cast, natural color treatment
Impeller: Steel-sheet metal fan blades, integrantly spot welded onto rotor
Bearing: Two high precision permanently lubricated ball bearings
Rotation: CCW seen on rotor
Connection: Wire lead
Weight: 1980g

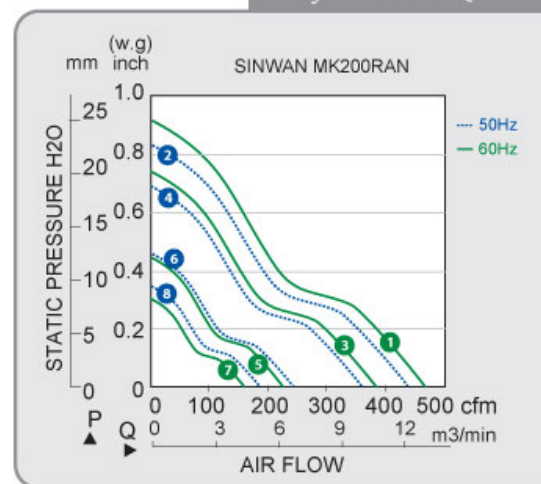
Electronical

Dielectric Strength: Over 1 min. at 1,500 VAC, 2mA, 50/60 Hz
Insulation Resistance: Over 100 M Ω at DC 500V
Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

Environment

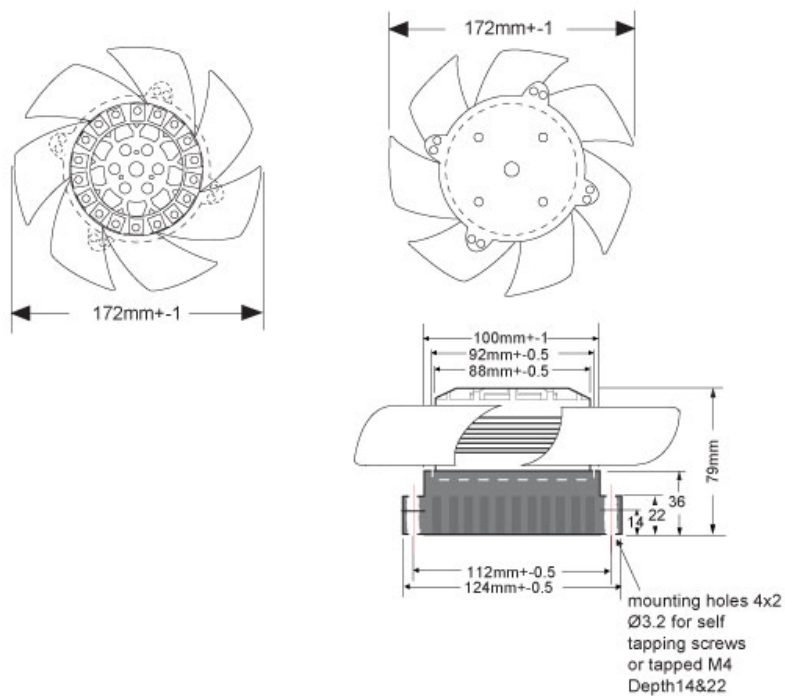
Operating Temp: Ambient non-condensing -30~+80C
Storage Temp:
Life Expectancy: 80K hours at 45C, 50K hours at 55C, 30K hours at 65C

Performance P-Q Curve



Nomenclature
 F/G Tach
 R/D Alarm
 Dual Voltage
 Multiple Speed
 IP Report

► Outline Dimensions



Relevant products

UL[®] **CE** **RoHS**