



·AC· MK200RAN (HR)



Dia.172x79mm / 6.8inch
485~160 CFM

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**	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**	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**	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**	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**	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
Dual speed				55/65	2400/2600	365/395 10.3/11.2	0.68/0.75 17.27/19.05	52	4/3
MK200RAN11-3/4**	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
Dual speed				24/33	1200/1100	190/160 5.4/4.5	0.35/0.30 8.89/7.62	35	8/7
MK200RAN22-1**	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**	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**	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**	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**	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
Dual speed				55/65	2400/2600	365/395 10.3/11.2	0.68/0.75 17.27/19.05	52	4/3
MK200RAN22-3/4**	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
Dual speed				24/33	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, 2 or 4 pole

Burnout Protection: Thermal protector

IP Protection: IP56

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: -

Electronical

Dielectric Strength: Over 1 min. at 1,500 VAC, 0.5mA, 50/60 Hz

Insulation Resistance: Over 100 M Ω at DC 500V

Signal Output: Optional: R/D alarm output, F/G tachometer output

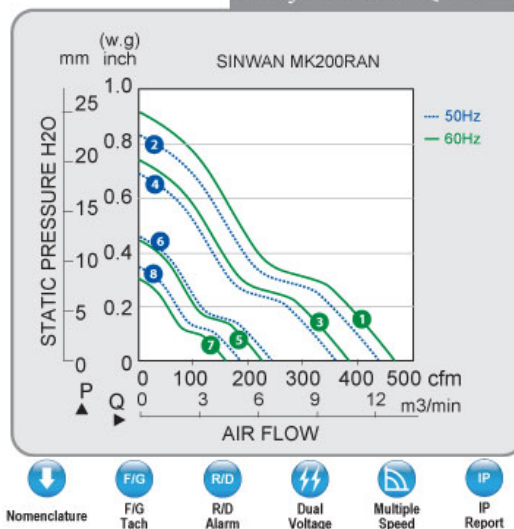
Environment

Operating Temp: Ambient non-condensing -30~+80C

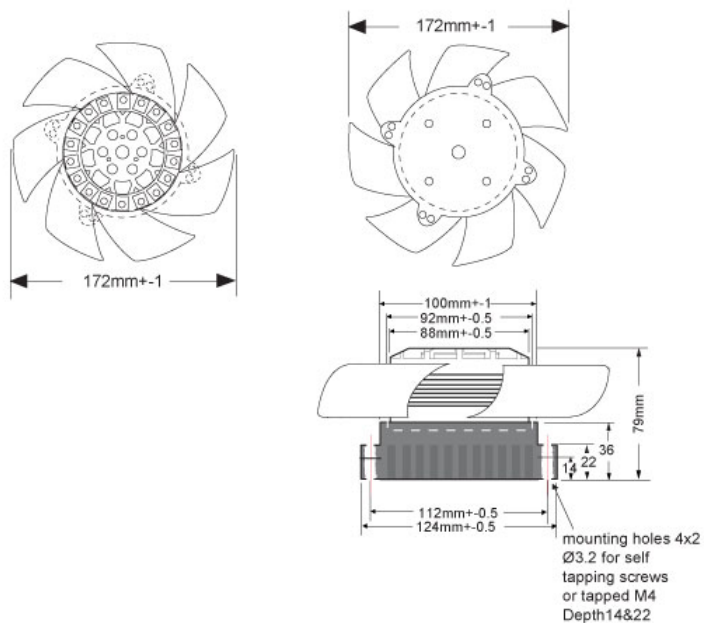
Storage Temp:

Life Expectancy: 80K hours at 45C, 50K hours at 55C, 30K hours at 65C

Performance P-Q Curves



► Outline Dimensions



Relevant products

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