



·AC· MK205 (HR)



Dia.197x79mm / 7.8inch
630~220 CFM

Metal Impeller

Model No	Rated Volt VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref. Speed RPM	Max.Airflow CFM	m3/min	Max.Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ
MK205AN11-1**	115	100~120	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	2/1
MK205AN11-2**	115	100~120	50/60	55/65	2300/2250	450/465	12.7/13.2	0.69/0.52	17.53/13.21	57	4/3
MK205AN11-3**	115	100~120	50/60	32/40	1500/1600	310/325	8.8/9.2	0.38/0.29	9.65/7.37	48	6/5
MK205AN11-4**	115	100~120	50/60	24/33	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	8/7
MK205AN11-1/2**	115	100~120	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	
Dual speed				55/65	2300/2250	450/465	12.7/13.2	0.69/0.52	17.53/13.21	57	
MK205AN11-3/4**	115	100~120	50/60	32/40	1500/1600	310/325	8.8/9.2	0.38/0.29	9.65/7.37	48	
Dual speed				24/33	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	
MK205AN22-1**	230	200~240	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	2/1
MK205AN22-2**	230	200~240	50/60	55/65	2300/2250	450/465	12.7/13.2	0.69/0.52	17.53/13.21	57	4/3
MK205AN22-3**	230	200~240	50/60	32/40	1500/1600	310/325	8.8/9.2	0.38/0.29	9.65/7.37	48	6/5
MK205AN22-4**	230	200~240	50/60	24/33	1200/1100	240/220	6.8/6.2	0.21/0.14	5.33/3.56	35	8/7
MK205AN22-1/2**	230	200~240	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	
Dual speed				55/65	2300/2250	450/465	12.7/13.2	0.69/0.52	17.53/13.21	57	
MK205AN22-3/4**	230	200~240	50/60	32/40	1500/1600	310/325	8.8/9.2	0.47/0.28	11.94/7.11	35	
Dual speed				24/33	1200/1100	240/220	6.8/6.2	0.38/0.17	9.65/4.32	35	
MK205AN38-1**	380	380~420	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	2/1
MK205AN44-1**	440	440~480	50/60	95/105	2800/3150	560/630	15.9/17.8	1.05/1.08	26.67/27.43	68	2/1

• 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: 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: 1,800g (3.97 Lbs)

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:

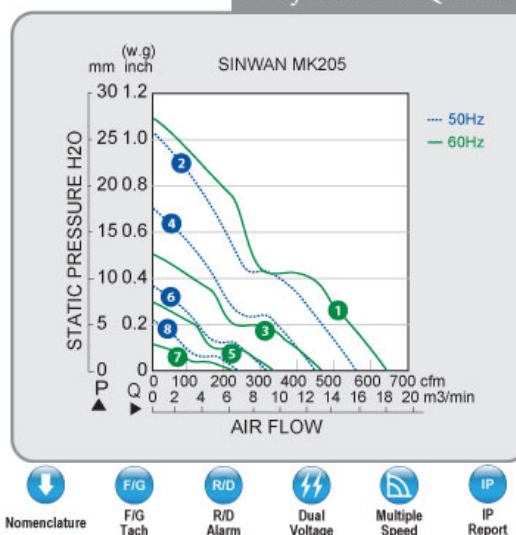
Environment

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

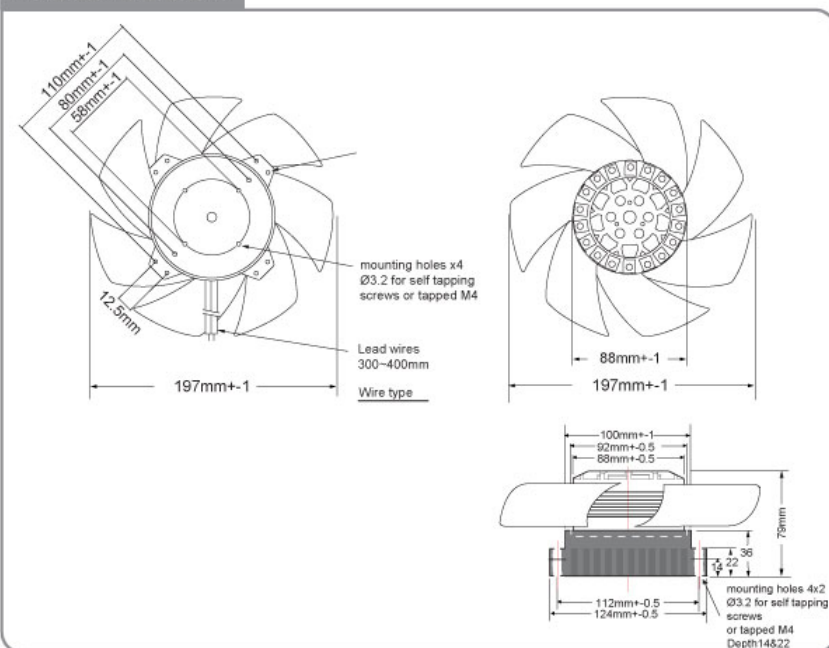
Storage Temp: -40C~+100C (at 65%RH)

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

Performance P-Q Curves



► Outline Dimensions



Relevant products

UL **CE** **RoHS**