



·AC· MK205 (68)



Dia.197x79mm / 7.8inch
630~220 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)	
MK205AN11-1** (68)	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** (68)	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** (68)	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** (68)	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** (68) Dual speed	115	100~120	50/60	95/105	2800/3150	560/630 15.9/17.8	1.05/1.08 26.67/27.43	68	
MK205AN11-3/4** (68) Dual speed	115	100~120	50/60	55/65	2300/2250	450/465 12.7/13.2	0.69/0.52 17.53/13.21	57	
MK205AN22-1** (68)	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** (68)	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** (68)	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** (68)	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** (68) Dual speed	230	200~240	50/60	95/105	2800/3150	560/630 15.9/17.8	1.05/1.08 26.67/27.43	68	
MK205AN22-3/4** (68) Dual speed	230	200~240	50/60	55/65	2300/2250	450/465 12.7/13.2	0.69/0.52 17.53/13.21	57	
MK205AN38-1** (68)	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** (68)	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:	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:	1,800g (3.97 Lbs)

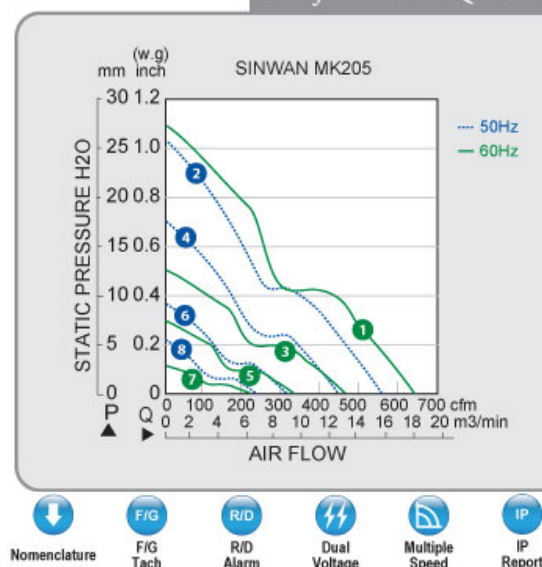
Electronical

Dielectric Strength:	Over 1 min. at 1,500 VAC, 2mA, 50/60 Hz
Insulation Resistance:	Over 100 M Ω at DC 500V
Signal Output:	

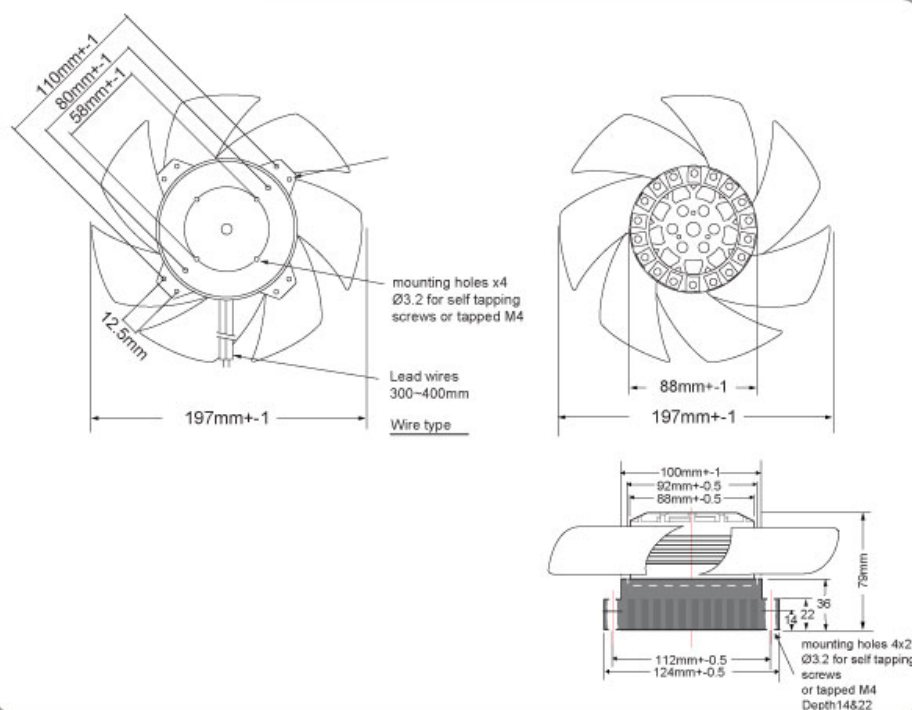
Environment

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



► Outline Dimensions



Relevant products

UL **CE** **RoHS**