



AIR DIRECTION REVERSE "A"
air blowing over rotor

·AC· MK205RAN (A)(68)



Dia.189x64mm / 7.4 inch
570~209 CFM

Sinwan IP68/IP69K AC Metal Impeller, Reverse Airflow

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)	
MK205RAN11-1** (A)(68)	115	100~120	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN11-2** (A)(68)	115	100~120	50/60	55/65	2300/2250	437/428 12.4/12.1	0.69/0.52 17.53/13.21	58	4/3
MK205RAN11-3** (A)(68)	115	100~120	50/60	20/30	1500/1650	285/313 8.1/8.9	0.38/0.29 9.65/7.37	48	6/5
MK205RAN11-4** (A)(68)	115	100~120	50/60	18/25	1200/1100	228/209 6.5/5.9	0.21/0.14 5.33/3.56	35	8/7
MK205RAN11-1/2** (A)(68) Dual speed	115	100~120	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN11-3/4** (A)(68) Dual speed	115	100~120	50/60	20/30	1500/1600	285/313 8.1/8.9	0.38/0.29 9.65/7.37	48	6/5
MK205RAN22-1** (A)(68)	230	200~240	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN22-2** (A)(68)	230	200~240	50/60	55/65	2300/2250	437/428 12.4/12.1	0.69/0.52 17.53/13.21	58	4/3
MK205RAN22-3** (A)(68)	230	200~240	50/60	20/30	1400/1600	266/304 7.5/8.6	0.38/0.29 9.65/7.37	48	6/5
MK205RAN22-4** (A)(68)	230	200~240	50/60	18/25	1200/1100	228/209 6.5/5.9	0.21/0.14 5.33/3.56	35	8/7
MK205RAN22-1/2** (A)(68) Dual speed	230	200~240	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN22-3/4** (A)(68) Dual speed	230	200~240	50/60	20/30	1500/1600	310/325 8.8/9.2	0.47/0.28 11.94/7.11	48	6/5
MK205RAN11/22-1** (A)(68) Dual voltage	115	100~120	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN8-1** (A)(68)	48	48~58	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1
MK205RAN44-1** (A)(68)(380)	380	380~440	50/60	60/80	2700/2800	513/532 14.5/15.1	0.90/0.84 22.86/21.34	65	2/1
MK205RAN44-1** (A)(68)(440)	440	380~440	50/60	60/80	2800/3000	532/570 15.1/16.1	0.91/0.86 23.11/21.84	67	2/1

- ** = "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, outer rotor, 1-phase
Burnout Protection:	Thermally protected
IP Protection:	IP68 or IP69K optional on request

Mechanical

Frame:	Aluminum die cast, natural treatment
Impeller:	9 blades, all metal steel
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor, Reverse Airflow
Connection:	Wire leads
Weight:	1,400g

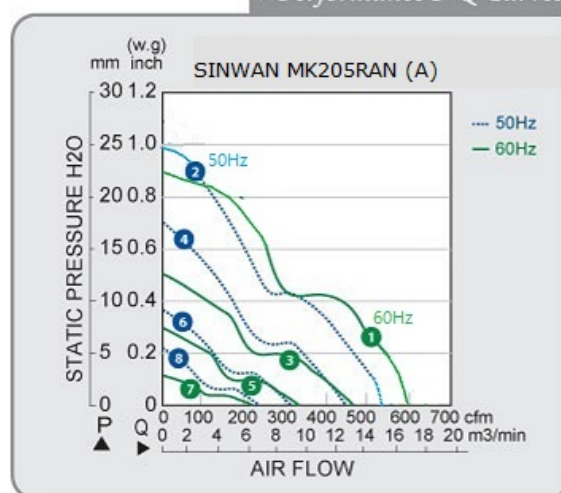
Electronical

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

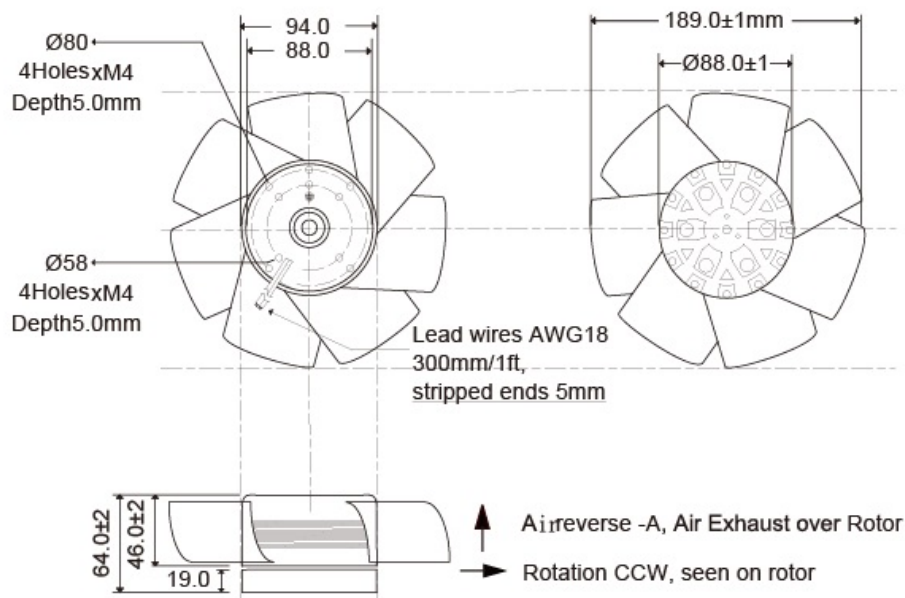
Environment

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

Performance P-Q Curves



► Outline Dimensions



Relevant products

UL **CE** **RoHS**