

·AC· MK205RAN (A)(68)(MS)



Dia.189x74mm / 7.4 inch
570~209 CFM

Sinwan IP68/IP69K AC Metal Impeller, Reverse Airflow

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
MK205RAN11-1**(A)(68)(MS)	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)(MS)	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)(MS)	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)(MS)	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**	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
(A)(68)(MS)Dual speed				55/65	2300/2250	437/428	12.4/12.1	0.69/0.52	17.53/13.21	58	4/3
MK205RAN11-3/4**	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
(A)(68)(MS)Dual speed				18/25	1200/1100	228/209	6.5/5.9	0.21/0.14	5.33/3.56	35	8/7
MK205RAN22-1**(A)(68)(MS)	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)(MS)	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)(MS)	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)(MS)	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**	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
(A)(68)(MS)Dual speed				55/65	2300/2250	437/428	12.4/12.1	0.69/0.52	17.53/13.21	58	4/3
MK205RAN22-3/4**	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
(A)(68)(MS)Dual speed				18/25	1200/1100	240/220	6.8/6.2	0.38/0.17	9.65/4.32	35	8/7
MK205RAN11/22-1**	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
(A)(68)(MS)Dual voltage	230	200~240									
MK205RAN8-1**(A)(68)(MS)	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**	380	380~440	50/60	60/80	2700/2800	513/532	14.5/15.1	0.9/0.84	22.86/21.34	65	2/1
(A)(68)(380)(MS)											
MK205RAN44-1**	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
(A)(68)(440)(MS)											

- ** = "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:	Outer rotor, 3-phase
Burnout Protection:	Thermally protected
IP Protection:	IP68 or IP69K optional on request

Mechanical

Frame:	Aluminum die cast, natural treatment
Impeller:	7 blades, all metal steel
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor, Reverse Airflow
Connection:	Wire leads
Weight:	1,780g

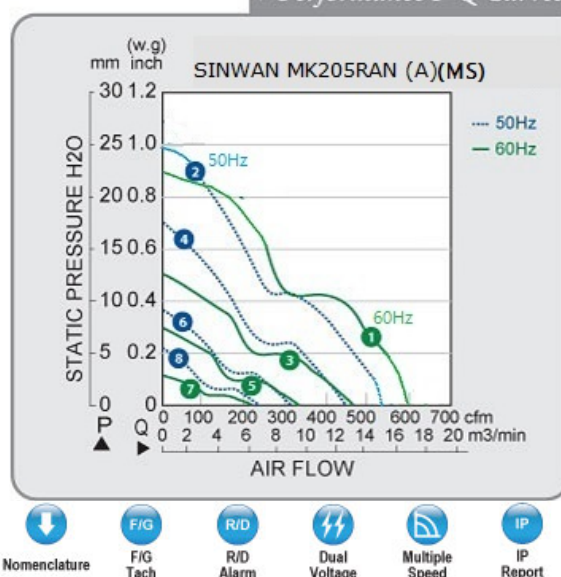
Electronical

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

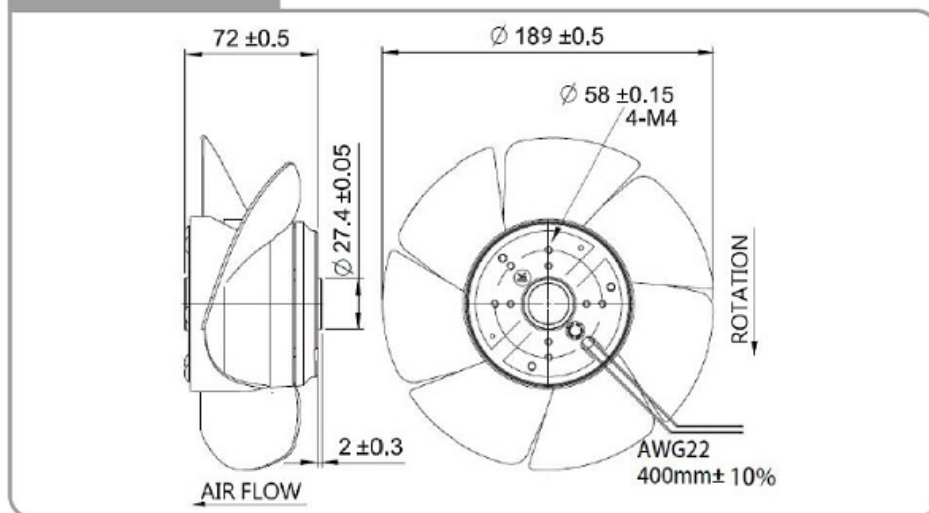
Environment

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

► Performance P-Q Curves



► Outline Dimensions



Relevant products