



·AC· MK254GAN (68)



Dia.219x87mm / 8.5inch
1000~370 CFM

Sinwan IP68/IP69K AC 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
MK254GAN11-1** (68)	115	100~120	50/60	95/105	2800/3200	830/1000	23.5/28.3	0.78/0.60	19.81/15.24	70	2/1
MK254GAN11-2** (68)	115	100~120	50/60	55/65	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
MK254GAN11-3** (68)	115	100~120	50/60	32/40	1400/1600	415/500	11.8/14.2	0.25/0.20	6.35/5.08	46	6/5
MK254GAN11-4** (68)	115	100~120	50/60	24/33	1200/1100	420/370	11.9/10.5	0.18/0.14	4.57/3.56	34	8/7
MK254GAN11-1/2** (68) Dual speed	115	100~120	50/60	95/105	2800/3200	830/1000	23.5/28.3	0.78/0.60	19.81/15.24	70	2/1
MK254GAN11-3/4** (68) Dual speed	115	100~120	50/60	55/65	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
MK254GAN22-1** (68)	230	200~240	50/60	95/105	2800/3200	830/1000	23.5/28.3	0.78/0.60	19.81/15.24	70	2/1
MK254GAN22-2** (68)	230	200~240	50/60	55/65	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
MK254GAN22-3** (68)	230	200~240	50/60	32/40	1400/1600	415/500	11.8/14.2	0.25/0.20	6.35/5.08	46	6/5
MK254GAN22-1/2** (68) Dual speed	230	200~240	50/60	95/105	2800/3200	830/1000	23.5/28.3	0.78/0.60	19.81/15.24	70	2/1
MK254GAN22-3/4** (68) Dual speed	230	200~240	50/60	55/65	2300/2200	660/620	18.7/17.6	0.33/0.27	8.38/6.86	63	4/3
MK254GAN22-3/4** (68) Dual speed	230	200~240	50/60	32/40	1600/1500	560/500	15.9/14.2	0.25/0.20	6.35/5.08	46	6/5
MK254GAN22-3/4** (68) Dual speed	230	200~240	50/60	24/33	1200/1100	420/370	11.9/10.5	0.18/0.14	4.57/3.56	34	8/7

- 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, black cosmetics. Natural or any colors available

Impeller: Steel-sheet metal fan blades, integrantly spot welded onto rotor

Bearing: System: Two high precision permanently lubricated ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead

Weight: 1,900g (4.2Lbs)

Electronical

Dielectric Strength: Over 1 minute at 1,500 VAC, 2mA, 50/60 Hz

Insulation Resistance: Over 100 M Ω at DC 500V

Signal Output:

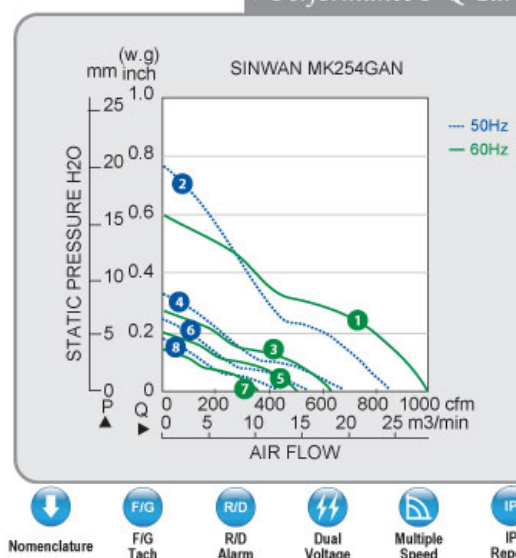
Environment

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

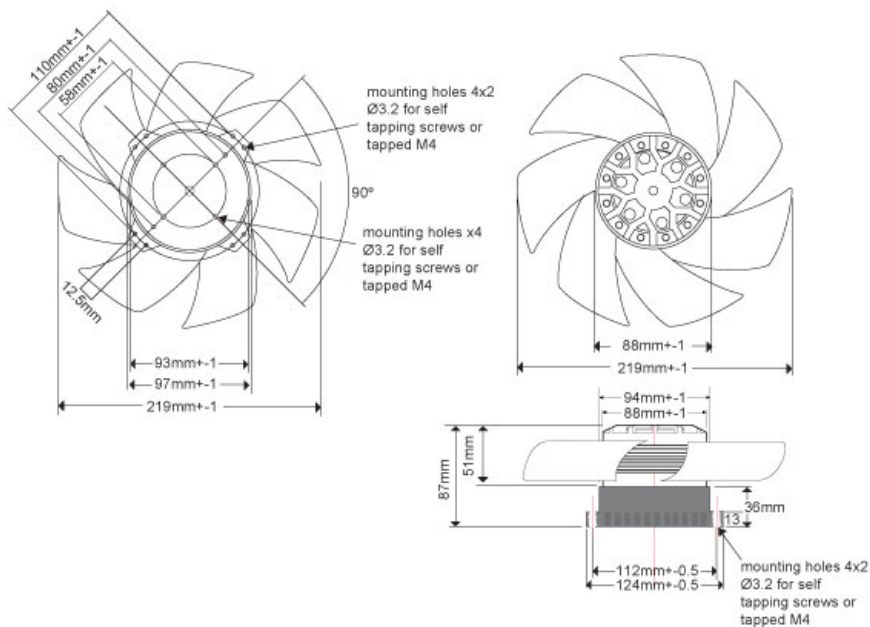
Storage Temp: -40C~+100C (at 65%RH)

Life Expectancy: 50K hours at 55C

► Performance P-Q Curve



► Outline Dimensions



Relevant products