



·AC· MK280GAN (68)



Dia.245x100mm / 9.6inch
1300~450 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)
MK280GAN11-1** (68)	115	100~120	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	74
MK280GAN11-2** (68)	115	100~120	50/60	95/110	2400/2500	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62
MK280GAN11-3** (68)	115	100~120	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46
MK280GAN11-4** (68)	115	100~120	50/60	26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34
MK280GAN11-1/2** (68) Dual speed	115	100~120	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	74
MK280GAN11-3/4** (68) Dual speed	115	100~120	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46
MK280GAN22-1** (68)	230	200~240	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	74
MK280GAN22-2** (68)	230	200~240	50/60	95/110	2400/2500	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62
MK280GAN22-3** (68)	230	200~240	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46
MK280GAN22-1/2** (68) Dual speed	230	200~240	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	74
MK280GAN22-3/4** (68) Dual speed	230	200~240	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46
MK280GAN38-1** (68)	380	380~420	50/60	155/210	2600/2700	1056/1097	29.9/31.1	1.1/0.62	27.94/15.75	68

- 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 $\pm$ 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 metal fan blades integrantly spot welded into rotor for high efficiency

Bearing: Two high precision permanently lubricated ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead

Weight: 2,500g (5.51lbs)

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:

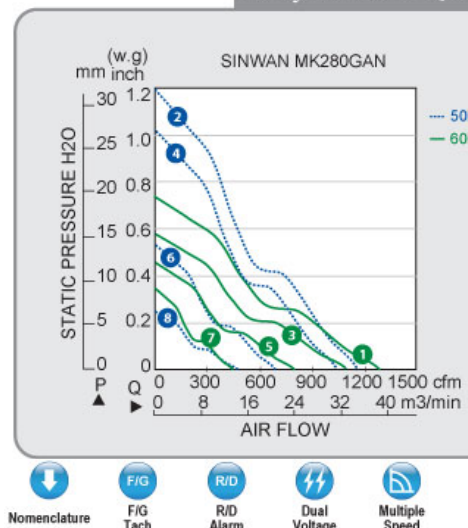
Environment

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

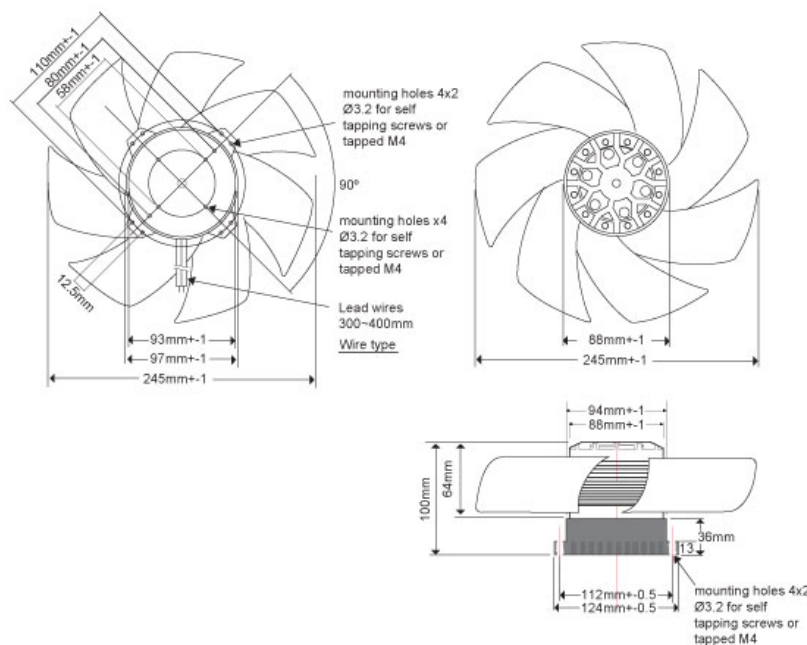
Storage Temp: -40C~+100C (at 65%RH)

Life Expectancy: 150K hours at 35C, 45K hours at 60C

► Performance P-Q



► Outline Dimensions



Relevant products

UL[®] **CE** **RoHS**