



AIR DIRECTION REVERSE "A"
air blowing over rotor
sucking over struts

·AC· M280GAN (A)(HR)



280x280x89mm/11x11x3.5inch
1,250 CFM

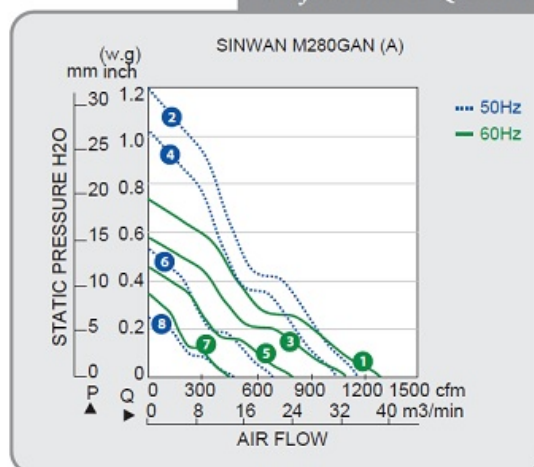
Sinwan AC Metal Impeller, Reverse Airflow

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
M280GAN11-1** (A)	115	100~120	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	2/1
M280GAN11-2** (A)	115	100~120	50/60	110/180	2400/2500	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3
M280GAN11-3** (A)	115	100~120	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5
M280GAN11-4** (A)	115	100~120	50/60	26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34	8/7
M280GAN11-1/2** (A)	115	100~120	50/60	-1 155/210	2750/2900	1150/1250	32.6/35.4	1.2/0.75	30.48/19.05	73	2/1
Dual speed				-2 110/180	2400/2450	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3
M280GAN11-3/4** (A)	115	100~120	50/60	-3 32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5
Dual speed				-4 26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34	8/7
M280GAN22-1** (A)	230	200~240	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	2/1
M280GAN22-2** (A)	230	200~240	50/60	110/180	2400/2500	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3
M280GAN22-3** (A)	230	200~240	50/60	32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5
M280GAN22-4** (A)	230	200~240	50/60	26/35	1200/1100	460/450	13/12.7	0.35/0.25	8.89/6.35	34	8/7
M280GAN22-1** (A)(240)	240	200~240	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	2/1
M280GAN22-1/2** (A)	230	200~240	50/60	-1 155/210	2750/2900	1150/1000	32.6/28.3	1.2/0.75	30.48/19.05	73	2/1
Dual speed				-2 110/180	2400/2300	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3
M280GAN22-3/4** (A)	230	200~240	50/60	-3 32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5
Dual speed				-4 26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34	8/7
M280GAN22-1/2/3** (A)	230	200~240	50/60	-1 155/210	2750/2900	1150/1250	32.6/35.4	1.2/0.75	30.48/19.05	73	2/1
Multiple speed				-2 110/180	2400/2450	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3
				-3 32/43	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5
M280GAN11/22-1** (A)	115	100~120	50/60	155/210	2800/3000	1150/1250	32.6/35.4	1.2/0.68	30.48/17.27	73	2/1
Dual voltage	/230	200~240									
M280GAN8-1** (A)	48	48~58	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	2/1
M280GAN38-1** (A)	380	380~420	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	2/1
M280GAN44-1** (A)	440	440~480	50/60	155/210	2800/3200	1150/1300	32.6/36.8	1.2/0.75	30.48/19.05	73	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%

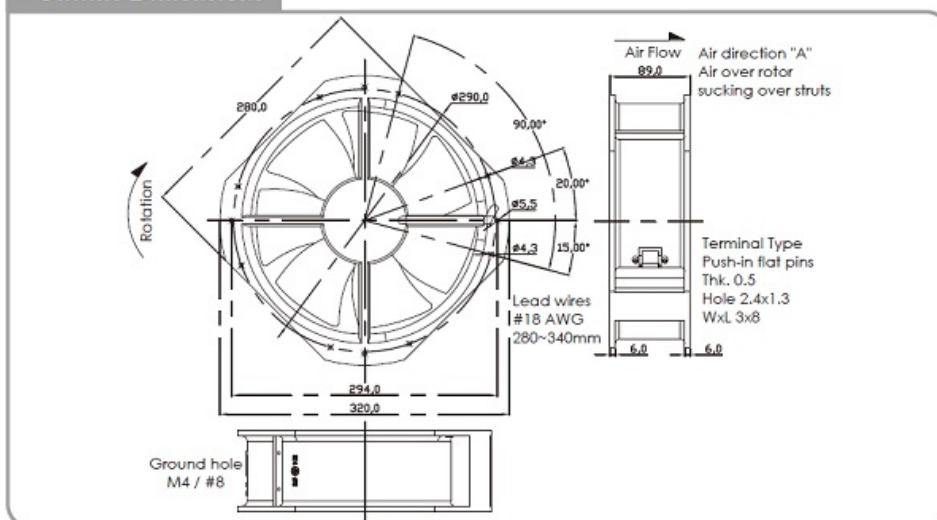
Motor	
Motor Type:	Capacitor induction, outer rotor, 1-phase
Burnout Protection:	Thermal protector
IP Protection:	IP56, IP68
Mechanical	
Frame:	Aluminum die cast, natural color, or black
Impeller:	7 blades, all metal steel
Bearing:	Maintenance-free 2 ball bearings
Rotation:	CCW seen on rotor. Reverse Airflow
Connection:	Wire leads, terminal flat pin or Terminal block
Weight:	3,400g (7.4 Lbs)
Electronical	
Dielectric Strength:	Over 1 min. at 1,500 VAC, 1mA, 50/60Hz
Insulation Resistance:	Over 100 MΩ at DC 500V
Signal Output:	Optional:R/D alarm output, F/G tachometer output
Environment	
Operating Temp:	Ambient non-condensing -30~+80C
Storage Temp:	-40C~+100C (at 65%RH)
Life Expectancy:	L10 50K hours at 55C, 80K hours at 35C

Performance P-Q Curves



- Nomenclature
- F/G Tach
- R/D Alarm
- Dual Voltage
- Multiple Speed
- IP Report

► Outline Dimensions



Relevant products

