

.AC .M280GAN

280x280x89mm/11x11x3.5inch
1,300 CFM

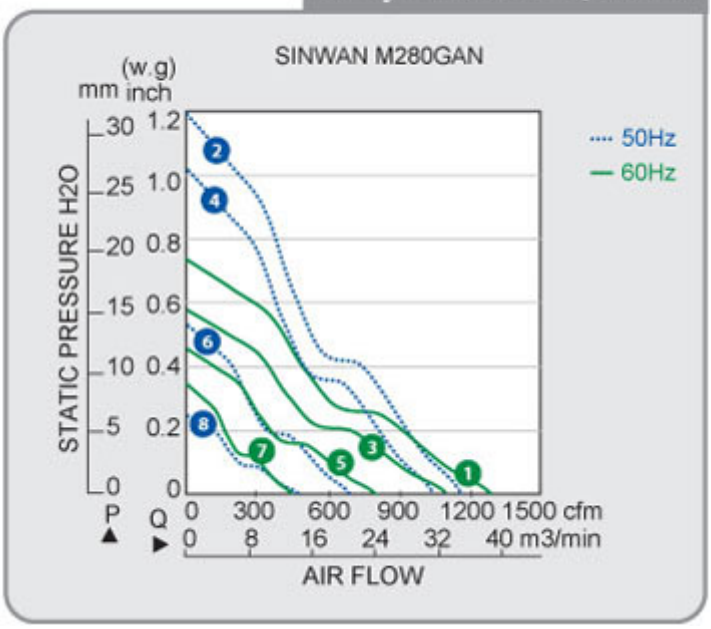
Sinwan AC Metal Impeller

Model No	Rated Volt VAC	Voltage Range VAC	Freq Hz	Input Power Watt	Ref.Speed RPM	Max.Airflow CFM	Max.Airflow m3/min	Max.Static Pressure Inch/H2O	Max.Static Pressure mm	Noise Level db(A)	PQ	UL
M280GAN11-1**	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**	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**	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**	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**	115	100~120	50/60	155/210	2750/2900	1150/1250	32.6/35.4	1.2/0.75	30.48/19.05	73	2/1	☑
Dual speed				110/180	2400/2450	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3	
M280GAN11-3/4**	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	☑
Dual speed				26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34	8/7	
M280GAN22-1**	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**	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**	230	200~240	50/60	32/43 (~48)	1500/1600	620/650	17.6/18.4	0.53/0.45	13.46/11.43	46	6/5	☑
M280GAN22-4**	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** (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**	230	200~240	50/60	155/210	2750/2900	1150/1000	32.6/28.3	1.2/0.75	30.48/19.05	73	2/1	☑
Dual speed				110/180	2400/2300	1000/1050	28.3/29.7	1.02/0.59	25.91/14.99	62	4/3	
M280GAN22-3/4**	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	☑
Dual speed				26/35	1200/1100	460/450	13/12.7	0.25/0.35	6.35/8.89	34	8/7	
M280GAN22-1/2/3**	230	200~240	50/60	155/210	2500/2700	1000/1080	28.3/30.6	1.2/0.75	30.48/19.05	73	2/1	☑
Multiple speed				110/180	2300/2100	920/840	26.1/23.8	1.02/0.59	25.91/14.99	62	4/3	
				32/43	2000/1800	800/720	22.7/20.4	0.53/0.45	13.46/11.43	46	6/5	
M280GAN11/22-1**	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**	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**	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**	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%

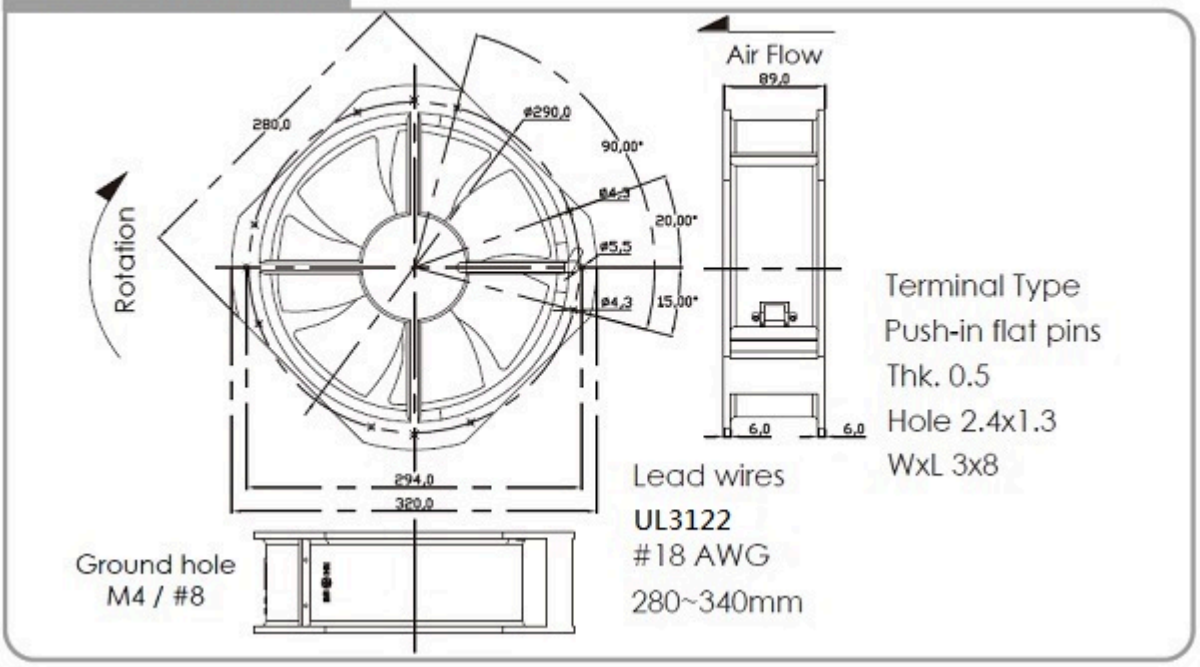
Motor	
Motor Type:	Capacitor induction, outer rotor
Burnout Protection:	Thermally protected
IP Protection:	IP56, (IP68 Option)
Mechanical	
Frame:	Die Cast Aluminum, AN(natural)
Impeller:	All metal steel
Bearing:	Two ball bearings.
Rotation:	CCW seen on rotor
Connection:	Lead wires or Terminals
Weight:	3,400g (7.4 Lbs)
Electronical	
Dielectric Strength:	1,500 VAC/min, 1mA, 50/60 Hz
Insulation Resistance:	Over 100MΩ at DC 500V
Signal Output:	Option : FG, RD...
Environment	
Operating Temp:	-30C~+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



Related Products



Metal Fan Guard

G280-17U

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