

Print page



·DC· MD225AN



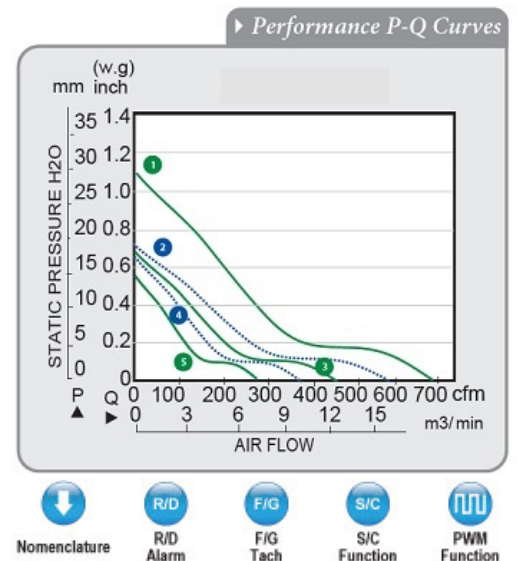
**225x225x80mm / 8.86x3.15inch**  
**695~270 CFM**

Metal Impeller DC Fan

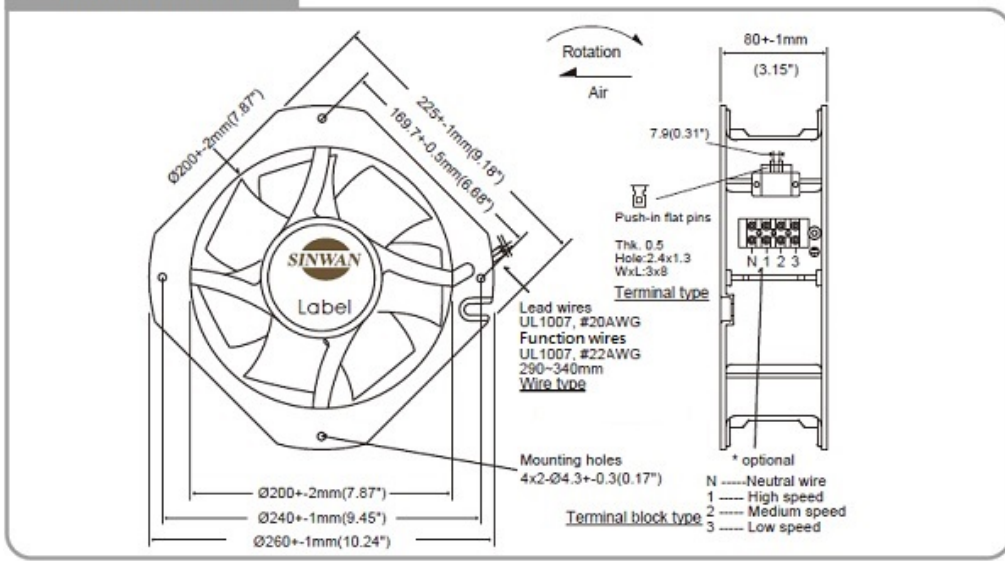
Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max. Airflow CFM m3/min	Max. Static Pressure Inch/H2O mm	Noise Level db(A)	PQ Curves
MD225AN-12HHH**	12	9~13.6	92.4	7.7	3300	695 19.7	1.1 27.94	67	1
MD225AN-12HH**	12	9~13.6	69.6	5.8	2800	590 16.7	0.76 19.3	63	2
MD225AN-12H**	12	9~13.6	46.8	3.9	2200	460 13	0.71 18.03	59	3
MD225AN-12M**	12	9~13.6	22.8	1.9	1800	380 10.8	0.64 16.26	53	4
MD225AN-12L**	12	9~14	14.4	1.2	1300	270 7.6	0.58 14.73	41	5
MD225AN-24HHH**	24	16~27.6	92.4	3.85	3300	695 19.7	1.1 27.94	67	1
MD225AN-24HH**	24	16~27.6	69.6	2.90	2800	590 16.7	0.77 19.56	63	2
MD225AN-24H**	24	16~27.6	46.8	1.95	2200	460 13	0.71 18.03	59	3
MD225AN-24M**	24	16~28	22.8	0.95	1800	380 10.8	0.64 16.26	53	4
MD225AN-24L**	24	16~28	14.4	0.60	1300	270 7.6	0.58 14.73	41	5
MD225AN-48HHH**	48	30~53	93.6	1.95	3300	695 19.7	1.1 27.94	67	1
MD225AN-48HH**	48	24~56	69.6	1.45	2900	595 16.8	0.79 20.07	63	2
MD225AN-48H**	48	24~56	45.6	0.95	2200	460 13	0.71 18.03	59	3
MD225AN-48M**	48	30~56	24	0.50	1800	380 10.8	0.64 16.25.6	53	4
MD225AN-48L**	48	30~58	14.4	0.30	1300	270 7.6	0.58 14.73	41	5

- \*\* = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Optional Function Leads:
  - \*Alarm, motor stop, cutoff sensor signals (R/D, run-Low, stop- High for alarm function, color yellow lead)
  - \*Tach speed sensor output, open collector, 2 square waves per revolution, or TTL 4.4~5 VDC optional (F/G, white lead)
  - \*Speed control:
    - 1.S/C, NTC thermister thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(S/C,orange lead)
    - 2.PWM, Pulse Width Modulation, microprocessor programmable CPU speed control,10~100%, full stop & 10 speed stages; 800~3800RPM (PWM, purple lead)
    - 3.S/V, Control voltage speed setting, Analog 0~10V vs speed RPM speed control via separate DC low voltage interface (S/V, gray lead)
  - \* Please visit <http://www.sinwan.com.tw/engineering.asp> to get engineering information
  - Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor	
Motor Type:	Microprocessor brushless DC, auto cut & restart, locking & polarity protected
Burnout Protection:	Electrically protected
IP Protection:	IP55, 56 optional request
Mechanical	
Frame:	Aluminum die-cast, natural aluminum color treatment
Impeller:	7 bladed, all metal welded-joint fan blades, high impact, high performance
Bearing:	Double sealed, permanently lubricated high precision ball bearings
Rotation:	CCW looking at rotor, air inlet side of housing
Connection:	Wire leads, Push-in Terminal type or Terminal block connecting
Weight:	-
Electronical	
Dielectric Strength:	500 VAC/min. Max leakage 0.5mA
Speed Control:	PWM, S/C NTC thermister, S/V (0~10V) speed control on request
Signal Output:	Motor cut-off alarm R/D, Tach F/G
Environment	
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 75K hours at 35C, 40K hours at 65C



► Outline Dimensions



Relevant products

