



# 80x80x25mm / 3.15x1inch

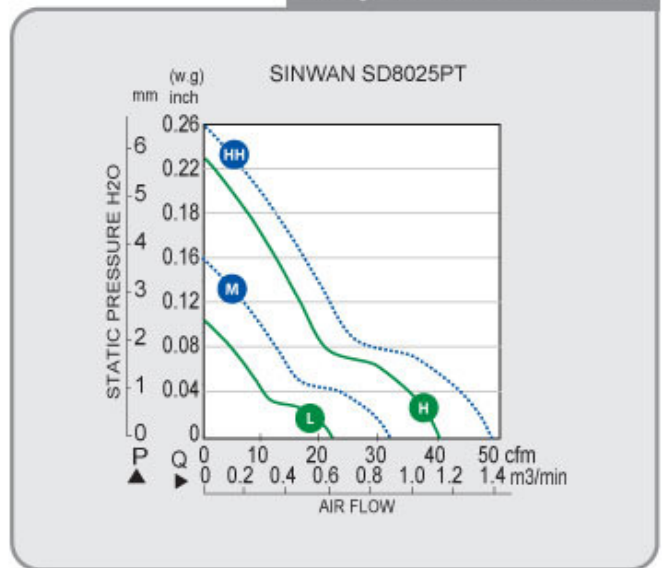
## 48~22 CFM

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
SD8025PT-05H (HH)	5	4~6	1.4	0.28	3200	40	1.1	0.23	5.84	33	HH
SD8025PT-05H	5	4~7	1.4	0.28	2800	35	1	0.22	5.59	32	H
SD8025PT-05M	5	4~7	1.0	0.20	2200	30	0.8	0.15	3.81	27	M
SD8025PT-05L	5	4~7	0.8	0.15	1800	22	0.6	0.10	2.54	21	L
SD8025PT-12H (HH)	12	8~13.8	2.2	0.18	3800	48	1.4	0.26	6.6	35	HH
SD8025PT-12H	12	8~13.8	2.2	0.18	3300	40	1.1	0.23	5.84	33	H
SD8025PT-12M	12	8~14	1.8	0.15	2700	32	0.9	0.16	4.06	28	M
SD8025PT-12L	12	8~14	1.4	0.12	2000	22	0.6	0.10	2.54	21	L
SD8025PT-24H (HH)	24	12~27.6	2.9	0.12	3800	48	1.4	0.26	6.6	35	HH
SD8025PT-24H	24	12~27.6	2.9	0.12	3300	40	1.1	0.23	5.84	33	H
SD8025PT-24M	24	12~27.6	2.4	0.08	2700	32	0.9	0.16	4.06	28	M
SD8025PT-24L	24	12~28	2.0	0.08	2000	22	0.6	0.10	2.54	21	L
SD8025PT-48H (HH)	48	24~55	3.8	0.08	3800	48	1.4	0.26	6.6	35	HH
SD8025PT-48H	48	24~56	3.8	0.08	3300	40	1.1	0.23	5.84	33	H

- \*\* = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

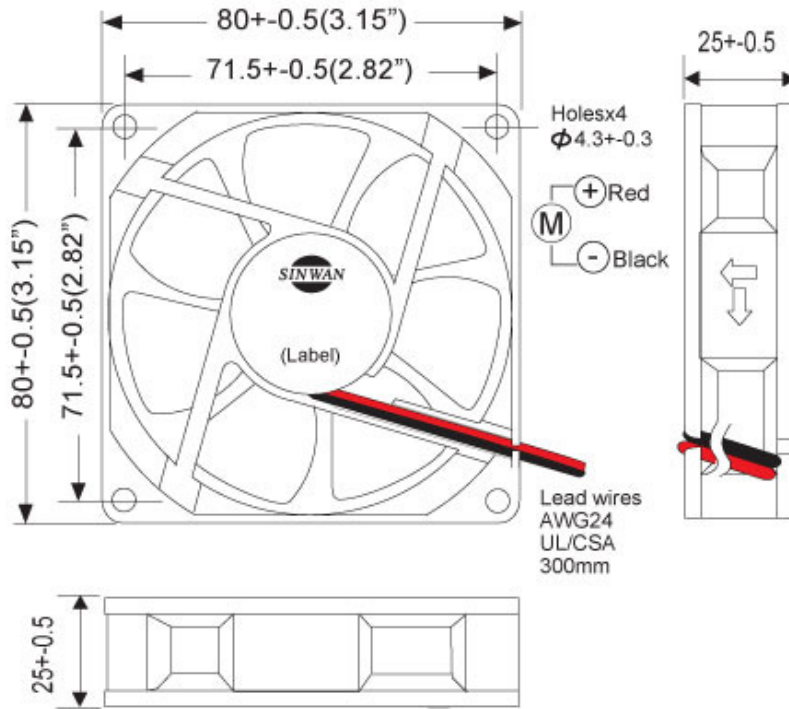
Motor	
Motor Type:	Brushless DC Motor, auto cutoff auto restart optional only
Burnout Protection:	Impedance protected
IP Protection:	-
Mechanical	
Frame:	Glass fiber reinforced thermoplastic, rated UL94V-0(PT)
Impeller:	7 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Wire lead or terminal flat pin connecting
Weight:	85 g (0.19 Lbs)
Electronical	
Dielectric Strength:	500 VAC/min. Max leakage 500mA
Speed Control:	Optional: PWM, S/C NTC thermister
Signal Output:	Optional: R/D alarm output, tachometer output
Environment	
Operating Temp:	Ambient non-condensing -15~+65C
Storage Temp:	-25C~+80C (at 65%RH)
Life Expectancy:	L10 60K hours at 45C, 45K hours at 65C

► Performance P-Q Curves



- Nomenclature
- R/D Alarm
- F/G Tach
- S/C Function
- PWM Function

▶ Outline Dimensions



Relevant products



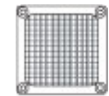
Metal Fan Guard  
G80-18



Plastic Fan Guard  
G80P, G80P2, G80P2A,  
G80P4



Plastic Fan Filter  
GRM80-30, GRM80-45



Metal Fan Screen  
MF80S-30N



Email: [sinwanfan@sinwan.com.tw](mailto:sinwanfan@sinwan.com.tw) <http://www.sinwan.com.tw>

**SINWAN**