

Print page



·DC· SD8025PT



80x80x25mm / 3.15x1inch

64~22 CFM

Plastic Impeller

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max. Airflow CFM	m ³ /min	Max. Static Pressure Inch/H ₂ O	mm	Noise Level db(A)	PQ Curves
SD8025PT-05H (HH)	5	4~6	1.4 (~1.9)	0.28 (0.38)	3200	40	1.1	0.23	5.84	33	3
SD8025PT-05H	5	4~7	1.4	0.28	2800	35	1	0.22	5.59	32	4
SD8025PT-05M	5	4~7	1.0	0.20	2200	30	0.8	0.15	3.81	27	6
SD8025PT-05L	5	4~7	0.8	0.15	1800	22	0.6	0.10	2.54	21	7
SD8025PT-12H (HHH)	12	8~13.8	2.2 (~6.2)	0.18 (~0.52)	5000	64	1.8	0.4	10.16	42	1
SD8025PT-12H (HH)	12	8~13.8	2.2	0.18	3800	48	1.4	0.26	6.6	35	2
SD8025PT-12H	12	8~13.8	2.2	0.18	3300	40	1.1	0.23	5.84	33	3
SD8025PT-12M	12	8~14	1.8	0.15	2700	32	0.9	0.16	4.06	28	5
SD8025PT-12L	12	8~14	1.4	0.12	2000	22	0.6	0.10	2.54	21	7
SD8025PT-24H (HHH)	24	12~27.6	2.9 (~6)	0.12 (~0.25)	5000	64	1.8	0.4	10.16	42	1
SD8025PT-24H (HH)	24	12~27.6	2.9 (~4.8)	0.12 (~0.20)	3800	48	1.4	0.26	6.6	35	2
SD8025PT-24H	24	12~27.6	2.9	0.12	3300	40	1.1	0.23	5.84	33	3
SD8025PT-24M	24	12~27.6	2.4	0.10	2700	32	0.9	0.16	4.06	28	5
SD8025PT-24L	24	12~28	2.0	0.08	2000	22	0.6	0.10	2.54	21	7
SD8025PT-48HHH	48	34~56	4.3	0.09	5000	64	1.8	0.4	10.16	42	1
SD8025PT-48HH	48	34~56	3.8	0.08	3800	48	1.4	0.26	6.6	35	2
SD8025PT-48H	48	34~56	3.4	0.07	3300	40	1.1	0.23	5.84	33	3
SD8025PT-48M	48	34~56	2.4	0.05	2700	32	0.9	0.16	4.06	28	5

• Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Brushless DC Motor
Burnout Protection: Electronically protected, polarity protected
IP Protection: IP55, IP68 (Optional)

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0
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: 78g

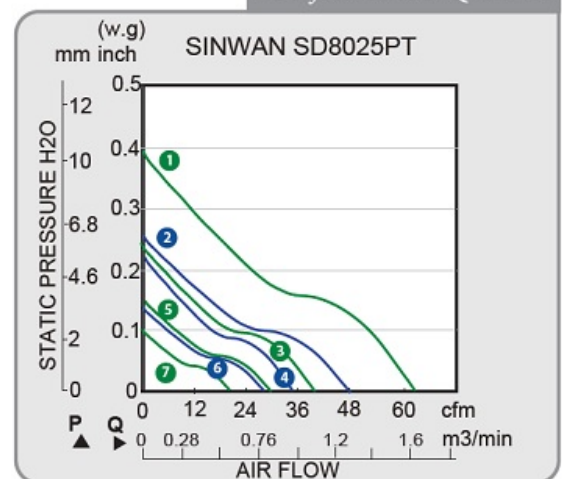
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: RD alarm output, FG tachometer output

Environment

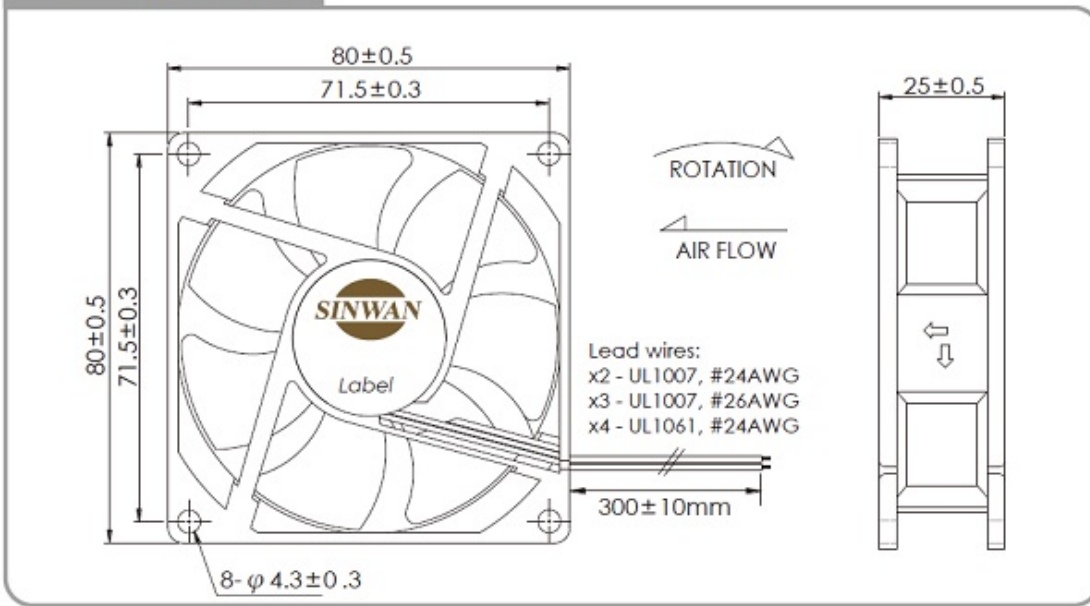
Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 - B:70K hours at 40C / Y:50K hours at 40C

► Performance P-Q Curves



 Nomenclature
 R/D Alarm
 FIG Tach
 S/C Function
 PWM Function

▶ Outline Dimensions



Relevant products



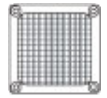
Metal Fan Guard
G80-18



Plastic Fan Guard
G80P, G80P2, G80P2A,
G80P4



Plastic Fan Filter
GRM80-30, GRM80-45



Metal Fan Screen
MF80S-30N



RoHS