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·DC· SD8025SPT



80x80x25mm / 3.15x1 inch
105~43 CFM

Plastic Impeller

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max.Airflow		Max.Static Pressure		Noise Level	PQ
	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)	Curves
SD8025SPT-12EH	12	7~13.2	19.2	1.6	9500	105	3	1.6	40.64	65	1
SD8025SPT-12SHH	12	7~13.2	11.52	0.96	8000	86	2.4	1.2	30.48	60	2
SD8025SPT-12SH	12	7~13.2	8.64	0.72	7000	76	2.2	0.85	21.59	55	3
SD8025SPT-12HHH	12	7~13.2	6.48	0.54	6000	65	1.8	0.63	16	50	4
SD8025SPT-12HH	12	7~13.2	5.4	0.45	5000	54	1.5	0.5	12.7	45	5
SD8025SPT-12H	12	7~13.2	3.6	0.3	4000	43	1.2	0.3	7.62	40	6
SD8025SPT-24EH	24	14~26.4	20	0.85	9500	105	3	1.6	40.64	65	1
SD8025SPT-24SHH	24	14~26.4	12	0.5	8000	86	2.4	1.2	30.48	60	2
SD8025SPT-24SH	24	14~26.4	9.12	0.38	7000	76	2.2	0.85	21.59	55	3
SD8025SPT-24HHH	24	14~26.4	6.96	0.29	6000	65	1.8	0.63	16	50	4
SD8025SPT-24HH	24	14~26.4	6	0.25	5000	54	1.5	0.5	12.7	45	5
SD8025SPT-48EH	48	34~56	21.6	0.45	9500	105	3	1.6	40.64	65	1
SD8025SPT-48SHH	48	34~56	18.24	0.38	8000	86	2.4	1.2	30.48	60	2
SD8025SPT-48SH	48	34~56	12.96	0.27	7000	76	2.2	0.85	21.59	55	3
SD8025SPT-48HHH	48	34~56	9.6	0.2	6000	65	1.8	0.63	16	50	4

- ** = "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: DC Motor
Burnout Protection: Electronically protected, Polarity protected
IP Protection: IP55, IP56 (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: 108g

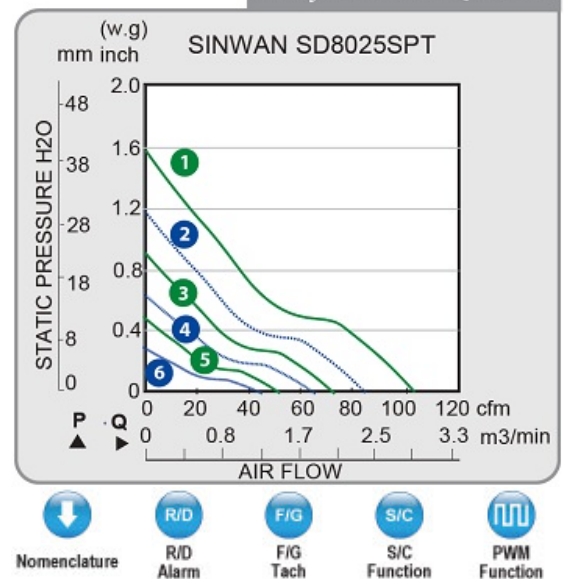
Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: R/D alarm output, F/G Tachometer output

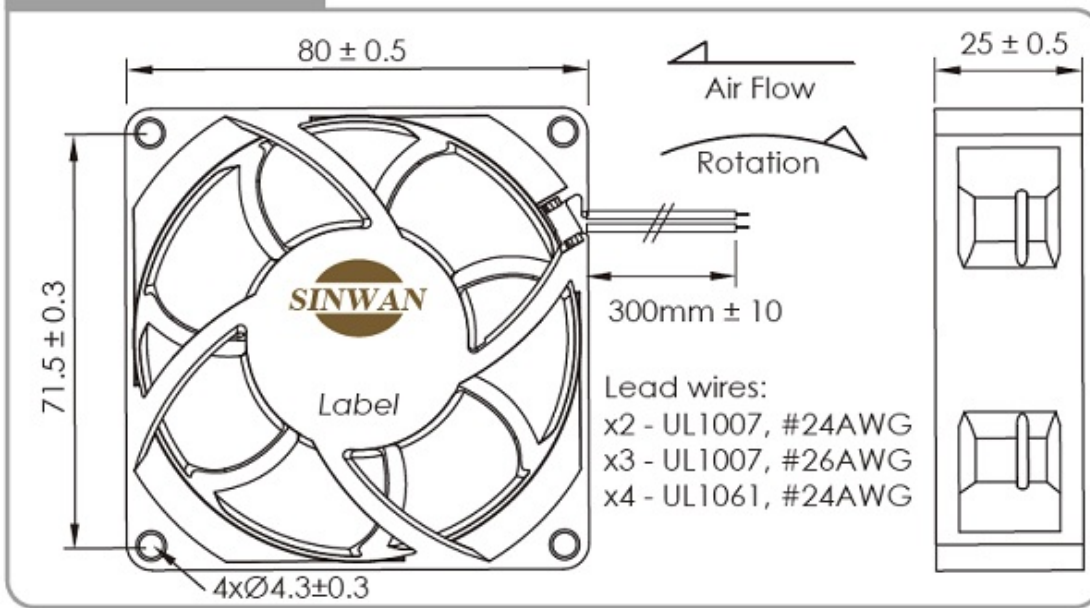
Environment

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



▶ Outline Dimensions



Relevant products



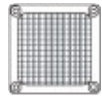
Metal Fan Guard
G80-18



Plastic Fan Guard
G80P, G80P2, G80P2A,
G80P4



Plastic Fan Filter
GRM80-30, GRM80-45



Metal Fan Screen
MF80S-30N



RoHS