



.DC .SD8025PT



80x80x25mm / 3.15x1inch

72~22 CFM

Plastic Impeller

	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max.Airflow		Max.Static Pressure		Noise Level	PQ Curves	UL
Model No	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)		
SD8025PT-05SJH	5	4~6	13	2.6	5600	72	2	0.45	11.43	48	SJH	☑
SD8025PT-05SEH	5	4~6	10	2.0	5000	64	1.8	0.4	10.16	42	SEH	☑
SD8025PT-05JHH	5	4~6	8.5	1.7	4700	60	1.7	0.37	9.4	40	JHH	☑
SD8025PT-05JH	5	4~6	7.5	1.5	4500	57	1.6	0.35	8.89	39	JH	☑
SD8025PT-05EHH	5	4~6	6.5	1.3	4200	54	1.5	0.32	8.13	38	EHH	☑
SD8025PT-05EH	5	4~6	5.0	1.0	4000	51	1.4	0.28	7.11	36	EH	☑
SD8025PT-05SHH	5	4~6	3.5	0.7	3800	48	1.4	0.26	6.6	35	SHH	☑
SD8025PT-05SH	5	4~6	3.0	0.6	3650	46	1.3	0.25	6.35	34	SH	☑
SD8025PT-05HHH	5	4~6	2.25	0.45	3500	44	1.2	0.25	6.35	34	HHH	☑
SD8025PT-05HH	5	4~6	1.5 (~1.9)	0.3 (~0.38)	3200	40	1.1	0.23	5.84	33	HH	☑
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	☑

- ** = "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
Burnout Protection:	Electronically protected, polarity protected
IP Protection:	IP55, IP68 (Optional)

Mechanical

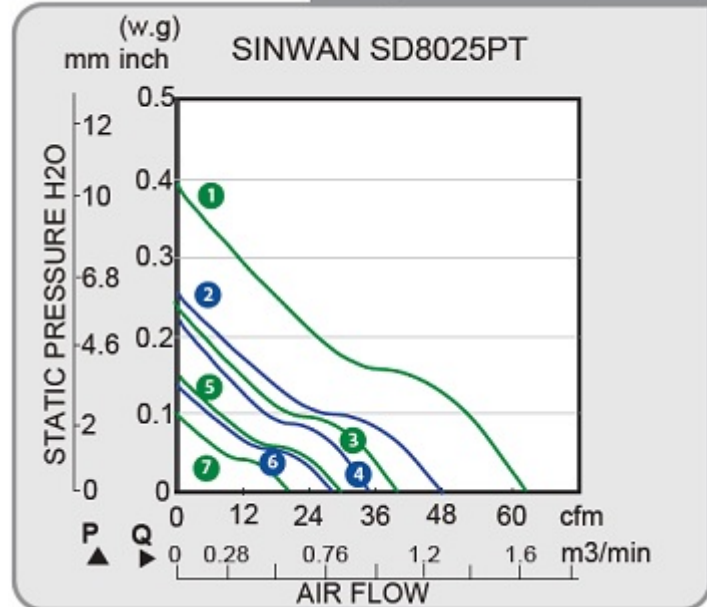
Frame:	Glass fiber reinforced thermoplastic, rated UL94V-0
Impeller:	Glass fiber reinforced plastic, rated UL94V-0
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Lead wires or Terminals
Weight:	78g (0.17Lbs)

Electronical

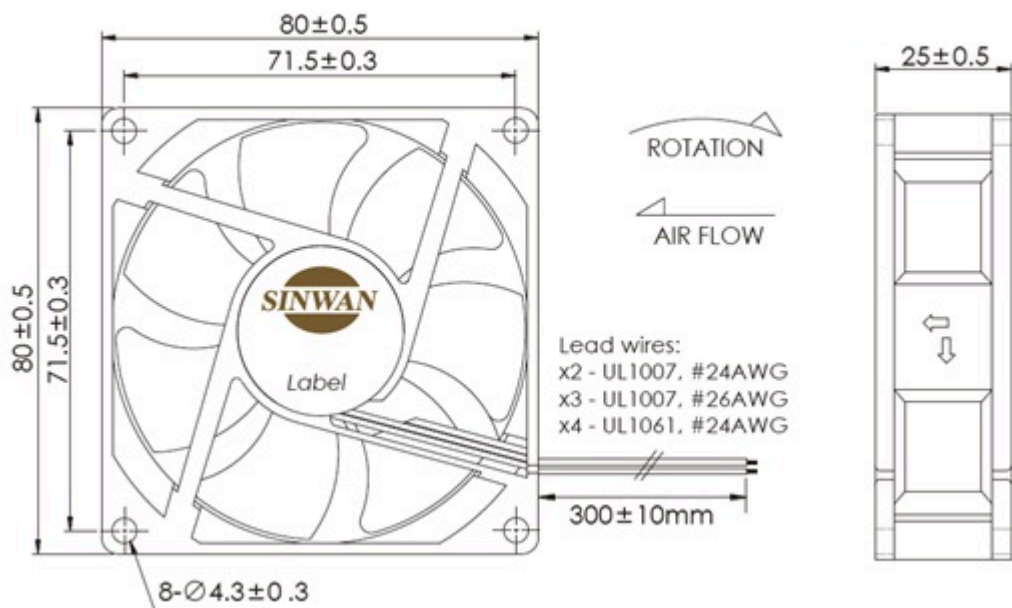
Dielectric Strength:	500VAC/min. Max leakage 0.5mA
Speed Control:	Option : PWM, SC & SV...
Signal Output:	Option : FG, RD...

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
AlarmF/G
TachS/C
FunctionPWM
Function**► Outline Dimensions****Related Products**

Metal Fan Guard

G80-18



Plastic Fan Guard

G80P4

G80P2A

G80P2

G80P



Plastic Filter

GRM80-45

GRM80-30



Metal Screen

MF80S-30N

