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·DC· SD8038PT



80x80x38mm / 3.1x1.5inch

132~50 CFM

Plastic Impeller

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max.Airflow		Max.Static Pressure		Noise Level db(A)	PQ Curves	UL
						CFM	m3/min	Inch/H2O	mm			
SD8038PT-12SHH	12	7~13.2	42	3.5	9000	132	3.7	2	50.8	66	1	<input checked="" type="checkbox"/>
SD8038PT-12SH	12	7~13.2	24	2	7500	107	3	1.36	34.54	62	2	<input checked="" type="checkbox"/>
SD8038PT-12HHH	12	7~13.2	15	1.25	6500	93	2.6	1.0	25.4	59	3	<input checked="" type="checkbox"/>
SD8038PT-12HH	12	7~13.2	10.8	0.9	5800	82	2.3	0.78	19.81	52	4	<input checked="" type="checkbox"/>
SD8038PT-12H	12	7~13.2	7.2	0.6	5000	71	2	0.58	14.73	49	5	<input checked="" type="checkbox"/>
SD8038PT-12M	12	7~13.2	4.8	0.4	4200	60	1.7	0.41	10.41	45	6	<input checked="" type="checkbox"/>
SD8038PT-12L	12	7~13.2	3.6	0.3	3500	50	1.4	0.28	7.11	41	7	<input checked="" type="checkbox"/>
SD8038PT-24SHH	24	14~26.4	45.6	1.9	9000	132	3.7	2	50.8	66	1	<input checked="" type="checkbox"/>
SD8038PT-24SH	24	14~26.4	21.6	0.9	7500	107	3	1.36	34.54	62	2	<input checked="" type="checkbox"/>
SD8038PT-24HHH	24	14~26.4	14.4	0.6	6500	93	2.6	1.0	25.4	59	3	<input checked="" type="checkbox"/>
SD8038PT-24HH	24	14~26.4	10.8	0.45	5800	82	2.3	0.78	19.81	52	4	<input checked="" type="checkbox"/>
SD8038PT-24H	24	14~26.4	7.2	0.3	5000	71	2	0.58	14.73	49	5	<input checked="" type="checkbox"/>
SD8038PT-24M	24	14~26.4	6.0	0.25	4200	60	1.7	0.41	10.41	45	6	<input checked="" type="checkbox"/>
SD8038PT-24L	24	14~26.4	4.8	0.2	3500	50	1.4	0.28	7.11	41	7	<input checked="" type="checkbox"/>
SD8038PT-48SHH	48	28~56	43.2	0.9	9000	132	3.7	2	50.8	66	1	<input checked="" type="checkbox"/>
SD8038PT-48SH	48	28~56	27.8	0.58	7500	107	3	1.36	34.54	62	2	<input checked="" type="checkbox"/>
SD8038PT-48HHH	48	28~56	24.5	0.51	6500	93	2.6	1.0	25.4	59	3	<input checked="" type="checkbox"/>
SD8038PT-48HH	48	28~56	16.8	0.35	5800	82	2.3	0.78	19.81	52	4	<input checked="" type="checkbox"/>
SD8038PT-48H	48	28~56	12.5	0.26	5000	71	2	0.58	14.73	49	5	<input checked="" type="checkbox"/>
SD8038PT-48M	48	28~56	9.6	0.2	4200	60	1.7	0.41	10.41	45	6	<input checked="" type="checkbox"/>

- ** = "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, IP68 (Optional)

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0

Impeller: 9 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: 210g

Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA

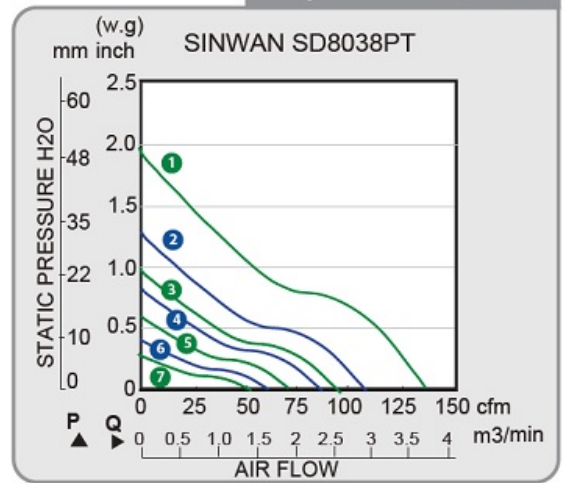
Speed Control: Optional:PWM, S/C NTC thermister on request

Signal Output: Optional:RD Rotation Detactor, FG Frequency Generator

Environment

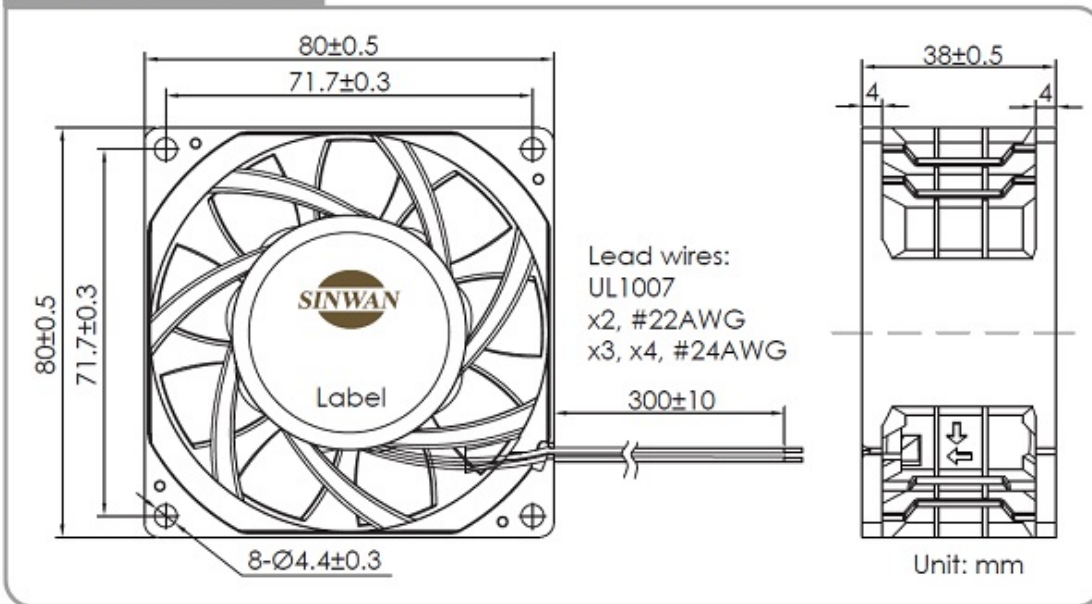
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 70K hours at 40C

► 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
- 