



·DC· SD8038PT (68)



80x80x38mm / 3.1x1.5inch

Sinwan DC Fan, 132 CFM

SINWAN IP68/IP69K DC Plastic Impeller

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	UL
SD8038PT-12SHH (68)	12	7~13.2	42	3.5	9000	132 3.7	2 50.8	66	1	✓
SD8038PT-12SH (68)	12	7~13.2	24	2	7500	107 3	1.36 34.54	62	2	✓
SD8038PT-12HHH (68)	12	7~13.2	15	1.25	6500	93 2.6	1.0 25.4	59	3	✓
SD8038PT-12HH (68)	12	7~13.2	10.8	0.9	5800	82 2.3	0.78 19.81	52	4	✓
SD8038PT-12H (68)	12	7~13.2	7.2	0.6	5000	71 2	0.58 14.73	49	5	✓
SD8038PT-12M (68)	12	7~13.2	4.8	0.4	4200	60 1.7	0.41 10.41	45	6	✓
SD8038PT-12L (68)	12	7~13.2	3.6	0.3	3500	50 1.4	0.28 7.11	41	7	✓
SD8038PT-24SHH (68)	24	14~26.4	45.6	1.9	9000	132 3.7	2 50.8	66	1	✓
SD8038PT-24SH (68)	24	14~26.4	21.6	0.9	7500	107 3	1.36 34.54	62	2	✓
SD8038PT-24HHH (68)	24	14~26.4	14.4	0.6	6500	93 2.6	1.0 25.4	59	3	✓
SD8038PT-24HH (68)	24	14~26.4	10.8	0.45	5800	82 2.3	0.78 19.81	52	4	✓
SD8038PT-24H (68)	24	14~26.4	7.2	0.3	5000	71 2	0.58 14.73	49	5	✓
SD8038PT-24M (68)	24	14~26.4	6.0	0.25	4200	60 1.7	0.41 10.41	45	6	✓
SD8038PT-24L (68)	24	14~26.4	4.8	0.2	3500	50 1.4	0.28 7.11	41	7	✓
SD8038PT-48SHH (68)	48	28~56	43.2	0.9	9000	132 3.7	2 50.8	66	1	✓

- ** = "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: IP68 or IP69K optional on request

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

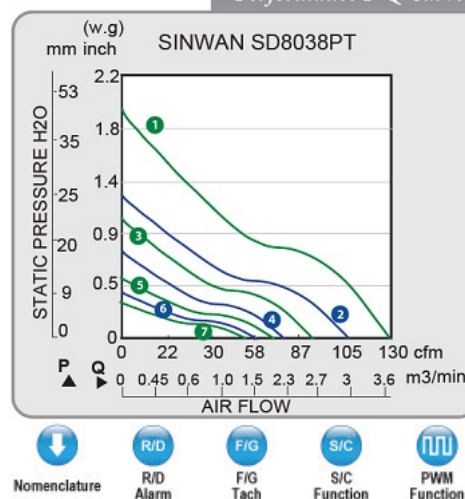
Electrical

Dielectric Strength: 500 VAC/min. Max leakage 5mA
Speed Control: Optional: PWM, S/C NTC thermister
Signal Output: Optional: RD alarm output, FG Tachometer output

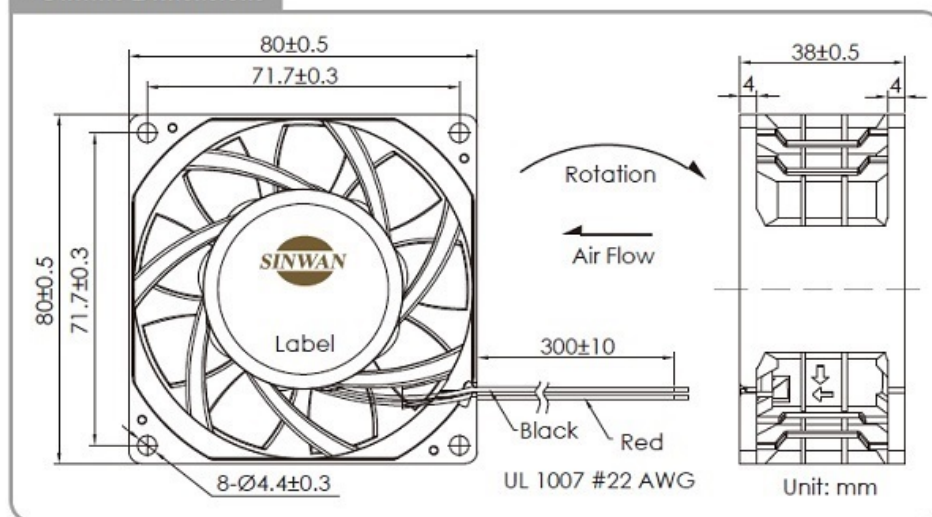
Environment

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