



·DC· SD8032PT (68)



80x80x32mm / 3.1x1.25inch

Sinwan DC Fan, 88 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
SD8032PT-12HHH (68)	12	7~13.2	11.4	0.95	6800	88 2.5	0.89 22.61	54	1	✓
SD8032PT-12HH (68)	12	7~13.2	8.4	0.7	6400	83 2.4	0.79 20.07	53	2	✓
SD8032PT-12H (68)	12	7~13.2	7.8	0.65	6000	77 2.2	0.73 18.54	50	3	✓
SD8032PT-12M (68)	12	7~13.2	6.0	0.5	5500	71 2	0.61 15.49	48	4	✓
SD8032PT-12L (68)	12	7~13.2	4.8	0.4	4800	62 1.8	0.45 11.43	45	5	✓
SD8032PT-12L (2L)(68)	12	7~13.2	4.8	0.4	4200	54 1.5	0.4 10.16	40	2L	✓
SD8032PT-12L (3L)(68)	12	7~13.2	4.8	0.4	3800	48 1.4	0.33 8.38	37	3L	✓
SD8032PT-12L (4L)(68)	12	7~13.2	4.8	0.4	3400	45 1.3	0.3 7.62	33	4L	✓
SD8032PT-12L (5L)(68)	12	7~13.2	4.8	0.4	3000	40 1.1	0.26 6.6	30	5L	✓
SD8032PT-24EH (68)	24	14~26.4	12	0.5	6800	88 2.5	0.89 22.61	54	1	✓
SD8032PT-24SHH (68)	24	14~26.4	10.8	0.45	6400	83 2.4	0.79 20.07	53	2	✓
SD8032PT-24SH (68)	24	14~26.4	9.6	0.4	6000	77 2.2	0.73 18.54	50	3	✓
SD8032PT-24HHH (68)	24	14~26.4	8.4	0.35	5500	71 2	0.61 15.49	48	4	✓
SD8032PT-24HH (68)	24	14~26.4	6	0.25	4800	62 1.8	0.45 11.43	45	5	✓
SD8032PT-24H (68)	24	14~26.4	4.8	0.2	4000	50 1.4	0.35 8.89	39	6	✓
SD8032PT-24M (68)	24	14~26.4	4.8	0.2	3600	47 1.3	0.32 8.13	35	7	✓
SD8032PT-24L (68)	24	14~26.4	4.8	0.2	3200	44 1.2	0.28 7.11	31	8	✓
SD8032PT-48SH (68)	48	28~56	12	0.25	6800	88 2.5	0.89 22.61	54	1	✓
SD8032PT-48HHH (68)	48	28~56	10.08	0.21	6000	77 2.2	0.73 18.54	50	3	✓
SD8032PT-48HH (68)	48	28~56	9.12	0.19	4800	62 1.8	0.45 11.43	45	5	✓
SD8032PT-48H (68)	48	28~56	5.28	0.11	4000	50 1.4	0.35 8.89	39	6	✓
SD8032PT-48M (68)	48	28~56	4.32	0.09	3600	47 1.3	0.32 8.13	35	7	✓

- ** = "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: 5 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: 120g

Electronical

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

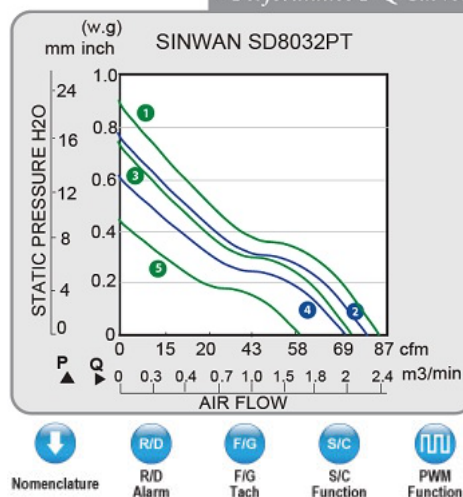
Environment

Operating Temp: -20C~+70C

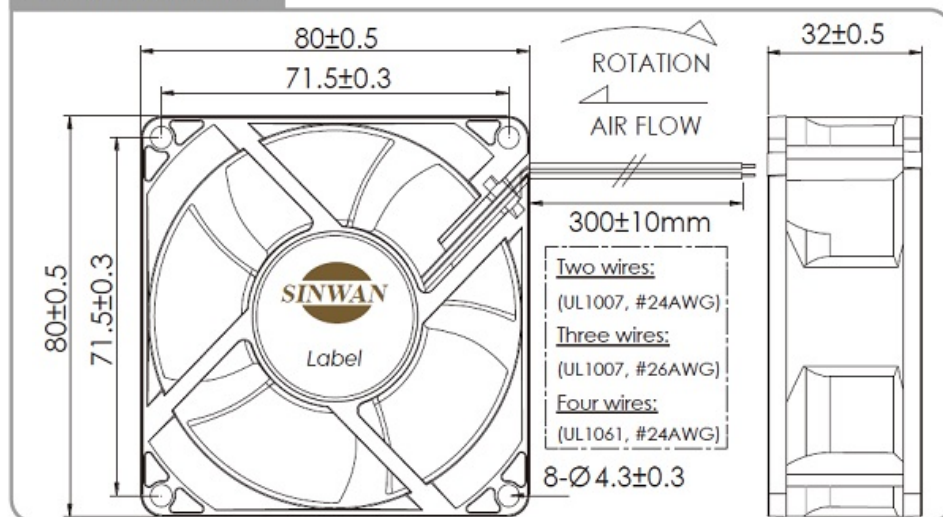
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

Performance P-Q Curves



► Outline Dimensions



Relevant products

