



·DC· SD4028PT (68)



40x40x28mm / 1.6x1.1inch Sinwan DC Fan, 24.5~19 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
SD4028PT-12SHH (68)	12	7~13.2	16.8	1.4	23000	24.5 0.7	2.32 58.93	62	1	☒
SD4028PT-12SH (68)	12	7~13.2	14.4	1.2	21000	23.5 0.7	1.95 49.53	61	2	☒
SD4028PT-12HHH (68)	12	7~13.2	11.4	0.95	20000	22.2 0.6	1.82 46.23	60	3	☒
SD4028PT-12HH (68)	12	7~13.2	10.2	0.85	19000	21 0.6	1.68 42.67	59	4	☒
SD4028PT-12H (68)	12	7~13.2	9.0	0.75	18000	19 0.5	1.42 36.07	57	5	☒
SD4028PT-24SHH (68)	24	14~26.4	15.6	0.65	23000	24.5 0.7	2.32 58.93	62	1	☒
SD4028PT-24SH (68)	24	14~26.4	14.4	0.6	21000	23.5 0.7	1.95 49.53	61	2	☒
SD4028PT-24HHH (68)	24	14~26.4	13.2	0.55	20000	22.2 0.6	1.82 46.23	60	3	☒
SD4028PT-24HH (68)	24	14~26.4	10.8	0.45	19000	21 0.6	1.68 42.67	59	4	☒
SD4028PT-24H (68)	24	14~26.4	9.36	0.39	18000	19 0.5	1.42 36.07	57	5	☒
SD4028PT-48SHH (68)	48	28~56	17.76	0.37	23000	24.5 0.7	2.32 58.93	62	1	☐
SD4028PT-48SH (68)	48	28~56	15.36	0.32	21000	23.5 0.7	1.95 49.53	61	2	☐

- ** = "WB" for wire lead type Ball bearing
- Speed RPM tolerance +-20%
- 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: I68 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

Weight: 45g

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

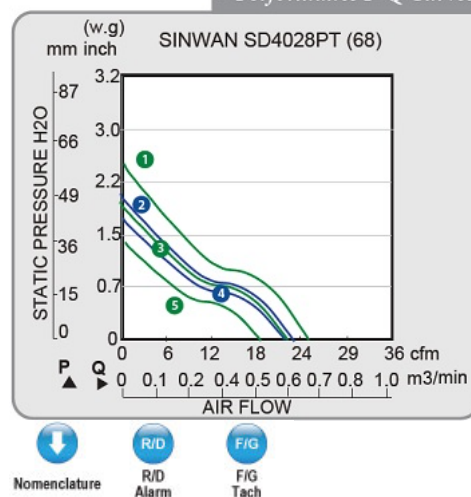
Environment

Operating Temp: -20~+65C

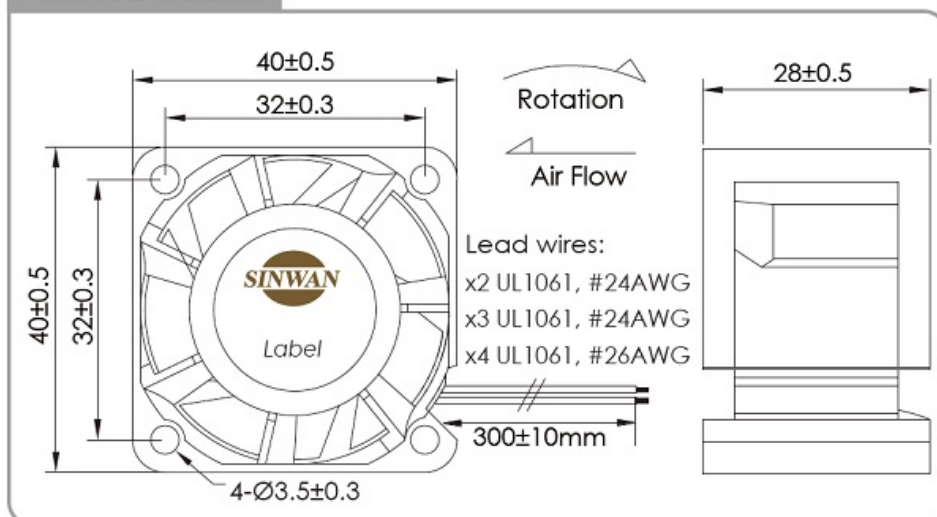
Storage Temp: -20~+75C

Life Expectancy: L10 70K hours at 40C

► Performance P-Q Curves



► Outline Dimensions



Relevant products

