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·DC· SD4028PT (MS)



# 40x40x28mm / 1.6x1.1inch

## 32~26 CFM

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 (MS)	12	7~13.2	16.8	1.4	23000	32	0.9	3.02	76.71	64	1	<input checked="" type="checkbox"/>
SD4028PT-12SH (MS)	12	7~13.2	15.6	1.3	21000	30	0.8	2.89	73.41	62	2	<input checked="" type="checkbox"/>
SD4028PT-12HHH (MS)	12	7~13.2	14.4	1.2	20000	29	0.8	2.75	69.85	60	3	<input checked="" type="checkbox"/>
SD4028PT-12HH (MS)	12	7~13.2	12	1.0	19000	27	0.8	2.45	62.23	58	4	<input checked="" type="checkbox"/>
SD4028PT-12H (MS)	12	7~13.2	10.2	0.85	18000	26	0.7	2.15	54.61	56	5	<input checked="" type="checkbox"/>
SD4028PT-24SHH (MS)	24	14~26.4	15.6	0.65	23000	32	0.9	3.02	76.71	64	1	<input checked="" type="checkbox"/>
SD4028PT-24SH (MS)	24	14~26.4	14.4	0.6	21000	30	0.8	2.89	73.41	62	2	<input checked="" type="checkbox"/>
SD4028PT-24HHH (MS)	24	14~26.4	13.2	0.55	20000	29	0.8	2.75	69.85	60	3	<input checked="" type="checkbox"/>
SD4028PT-24HH (MS)	24	14~26.4	12	0.5	19000	27	0.8	2.45	62.23	58	4	<input checked="" type="checkbox"/>
SD4028PT-24H (MS)	24	14~26.4	10.8	0.45	18000	26	0.7	2.15	54.61	56	5	<input checked="" type="checkbox"/>
SD4028PT-48SHH (MS)	48	28~56	17.76	0.37	23000	32	0.9	3.02	76.71	64	1	<input type="checkbox"/>
SD4028PT-48SH (MS)	48	28~56	15.36	0.32	21000	30	0.8	2.89	73.41	62	2	<input 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, IP67 (Optional)

**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: 45g

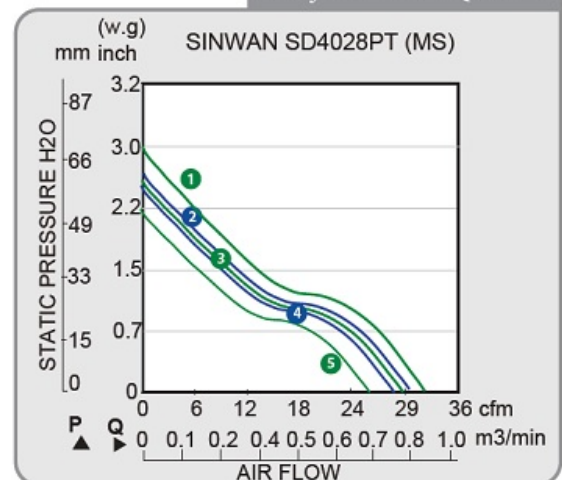
**Electronical**

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA  
Speed Control: Optional: PWM, S/C NTC thermister  
Signal Output: Optional: RD Rotation Detactor, FG Frequency Generator

**Environment**

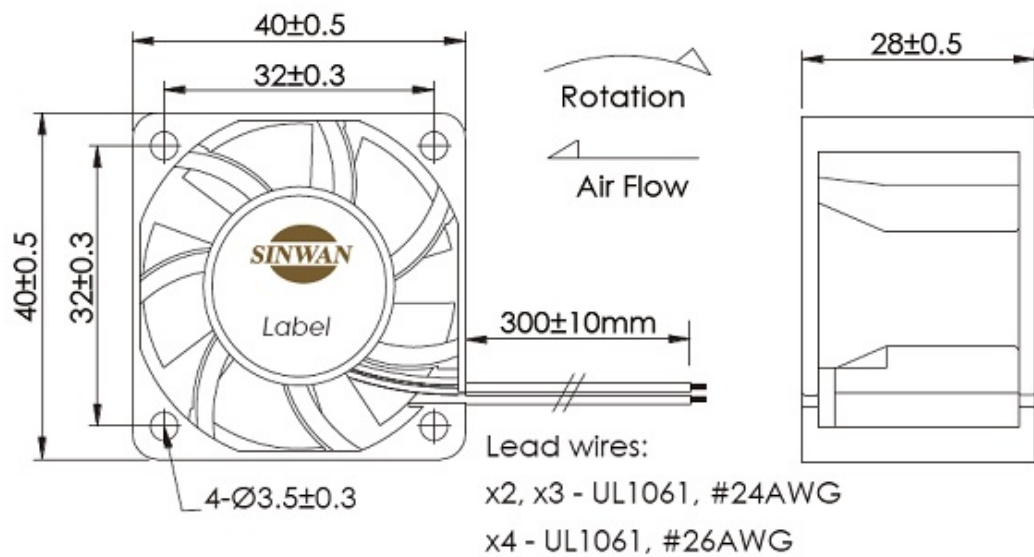
Operating Temp: -20C~+65C  
Storage Temp: -20C~+75C (at 65%RH)  
Life Expectancy: L10 - B:70K hours at 40C / Y:50K hours at 40C

► Performance P-Q Curves



 Nomenclature  
 R/D Alarm  
 F/G Tach

► Outline Dimensions



Relevant products



Metal Fan Guard  
G40 series



Plastic Fan Guard  
G40P



Plastic Fan Filter  
GRM40-30, GRM40-45



RoHS