

Print page



·DC· SD4020PT



40x40x20mm / 1.6x0.8inch

9.7~4.8 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
SD4020PT-05H (HH)	5	4.5~5.5	1.15(~1.8)	0.23(~0.36)	7800	9.2	0.3	0.37	9.4	31	3	<input checked="" type="checkbox"/>
SD4020PT-05H	5	4~7	1.15	0.23	6500	7.6	0.2	0.17	4.32	30	4	<input checked="" type="checkbox"/>
SD4020PT-05M	5	4~7	0.9	0.18	5200	6.5	0.2	0.14	3.56	24	5	<input checked="" type="checkbox"/>
SD4020PT-05L	5	4~7	0.75	0.15	4500	4.8	0.1	0.12	3.05	20	6	<input checked="" type="checkbox"/>
SD4020PT-12H (HH)	12	8~13.8	1.2(~2.52)	0.10(~0.21)	9000	9.7	0.3	0.38	9.65	33	1	<input checked="" type="checkbox"/>
SD4020PT-12H	12	8~13.8	1.2	0.10	6500	7.6	0.2	0.17	4.32	30	4	<input checked="" type="checkbox"/>
SD4020PT-12M	12	8~13.8	0.96	0.08	5200	6.5	0.2	0.14	3.56	24	5	<input checked="" type="checkbox"/>
SD4020PT-12L	12	8~14	0.72	0.06	4500	4.8	0.1	0.12	3.05	20	6	<input checked="" type="checkbox"/>
SD4020PT-24H (HH)	24	12~27.6	1.68(~2.16)	0.07(~0.09)	8200	9.5	0.3	0.32	8.13	32	2	<input checked="" type="checkbox"/>
SD4020PT-24H	24	12~27.6	1.68	0.07	6500	7.6	0.2	0.17	4.32	30	4	<input checked="" type="checkbox"/>
SD4020PT-24M	24	12~28	1.2	0.05	5200	6.5	0.2	0.14	3.56	24	5	<input checked="" type="checkbox"/>
SD4020PT-24L	24	12~28	0.72	0.03	4500	4.8	0.1	0.12	3.05	20	6	<input checked="" type="checkbox"/>

- ** = "WB" for wire lead type Ball bearing
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Brushless DC Motor
 Burnout Protection: Electronically protected, polarity protected
 IP Protection: IP55, IP67 (Optional)

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0(PT)
 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: 30g (0.066Lbs)

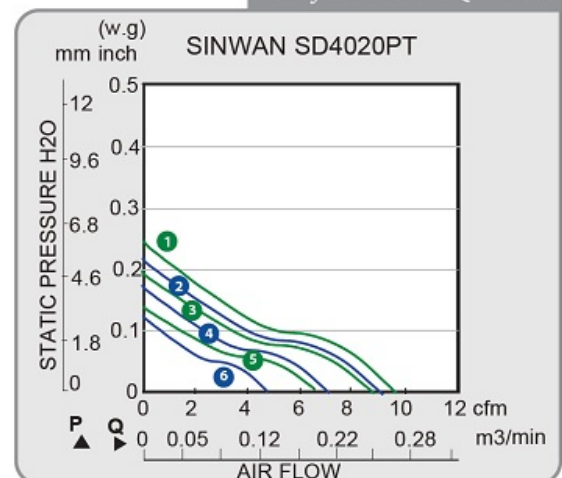
Electronical

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

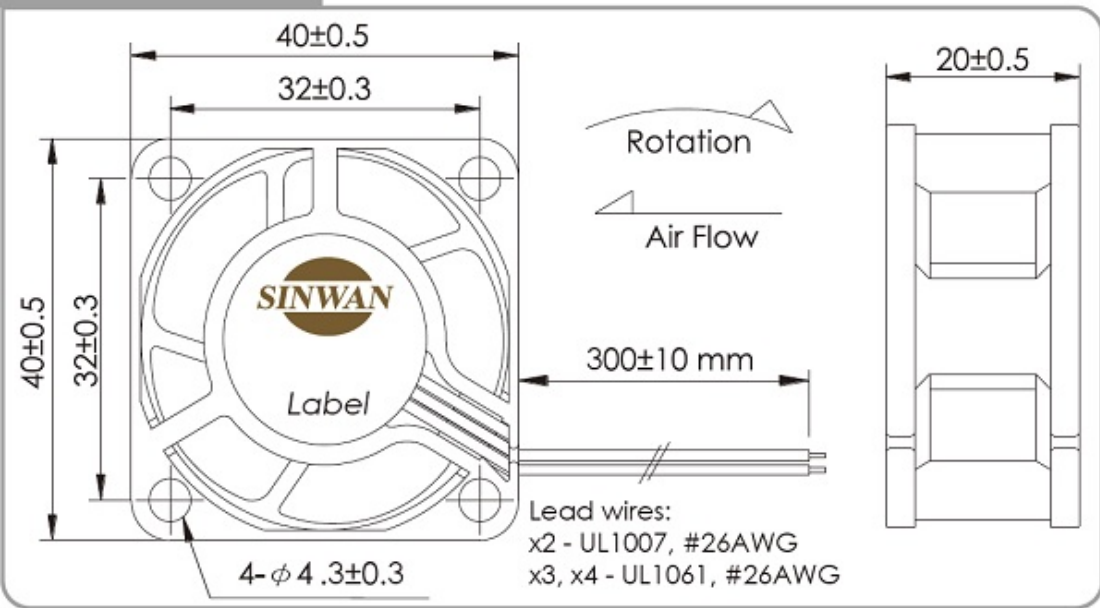
Operating Temp: -20C~+65C
 Storage Temp: -20C~+75C (at 65%RH)
 Life Expectancy: L10 - B:70K hours at 40C / Y:50K hours at 40C

► Performance P-Q Curves



 Nomenclature
 R/D Alarm
 F/G Tech

▶ Outline Dimensions



Relevant products



Metal Fan Guard
G40-2



Plastic Fan Guard
G40P



Plastic Fan Filter
GRM40-30, GRM40-45

