



• DC • SD4010PT



40x40x10mm / 1.6x0.4inch

5~2.5 CFM

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ Curves
	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)	
SD4010PT-05H	5	4~7	0.5	0.1	7000	5.0	0.1	0.16	4.06	27	H
SD4010PT-05M	5	4~7	0.36	0.07	4500	3.8	0.1	0.12	3.05	23	M
SD4010PT-05L	5	4~7	0.3	0.06	4000	2.5	0.1	0.079	2.01	20	L
SD4010PT-12H	12	8~13.8	0.72	0.07	7000	5.0	0.1	0.16	4.06	27	H
SD4010PT-12M	12	8~13.8	0.6	0.05	5000	3.8	0.1	0.12	3.05	24	M
SD4010PT-12L	12	9~14	0.5	0.04	4000	2.5	0.1	0.079	2.01	20	L
SD4010PT-24H	24	12~27.6	1.44	0.06	7400	5.0	0.1	0.16	4.06	28	H
SD4010PT-24M	24	12~28	1.2	0.05	5500	3.8	0.1	0.12	3.05	25	M
SD4010PT-24L	24	12~28	0.72	0.03	4000	2.5	0.1	0.079	2.01	20	L

- ** = "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: Brushless DC Motor, auto cutoff auto restart optional only

Burnout Protection: Impedance protected

IP Protection: -

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0(PT)

Impeller: 7 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: 20 g (0.044 Lbs)

Electrical

Dielectric Strength: 500 VAC/min. Max leakage 500mA

Speed Control:

Signal Output: Optional: R/D alarm output, tachometer output

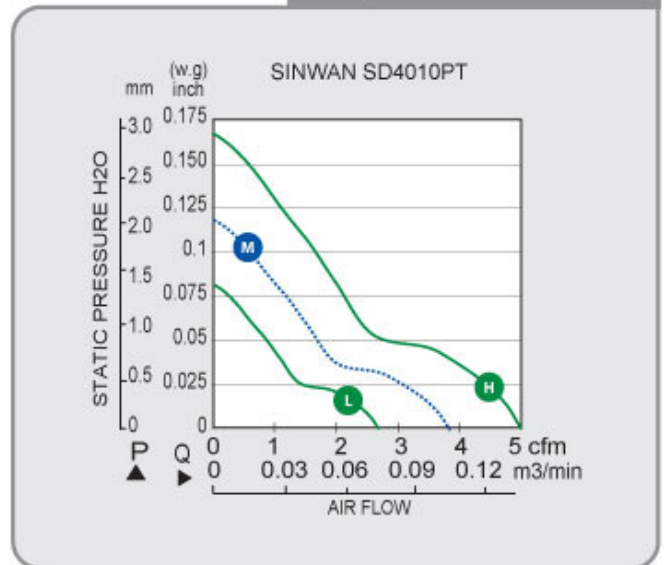
Environment

Operating Temp: Ambient non-condensing -15~+65C

Storage Temp: -25C~+80C (at 65%RH)

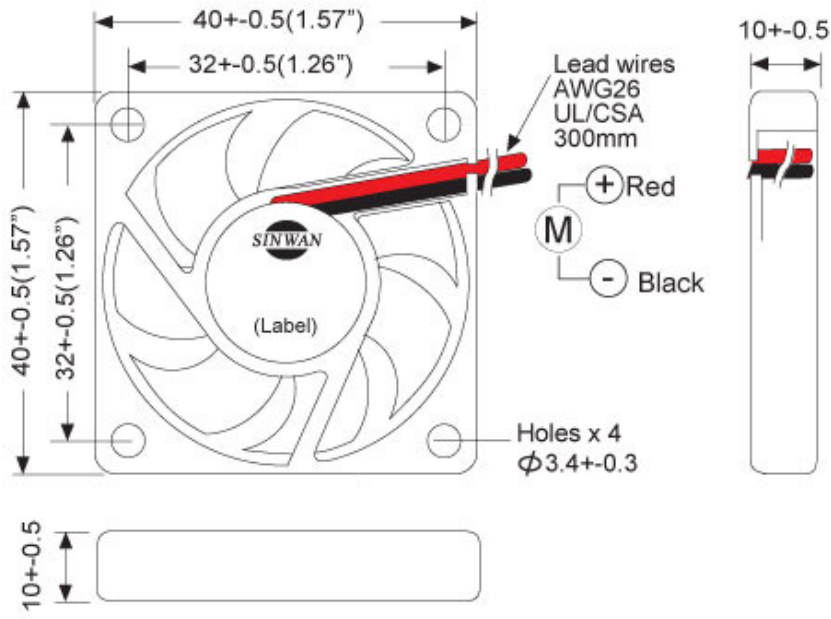
Life Expectancy: L10 60K hours at 45C, 50K hours at 60C

Performance P-Q Curves



- Nomenclature
- R/D Alarm
- F/G Tach

▶ Outline Dimensions



Relevant products



Metal Fan Guard
G40-2



Plastic Fan Guard
G40P



Plastic Fan Filter
GRM40-30, GRM40-45

