



E89520 fans

 E329400 motors

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DC SD5012PT

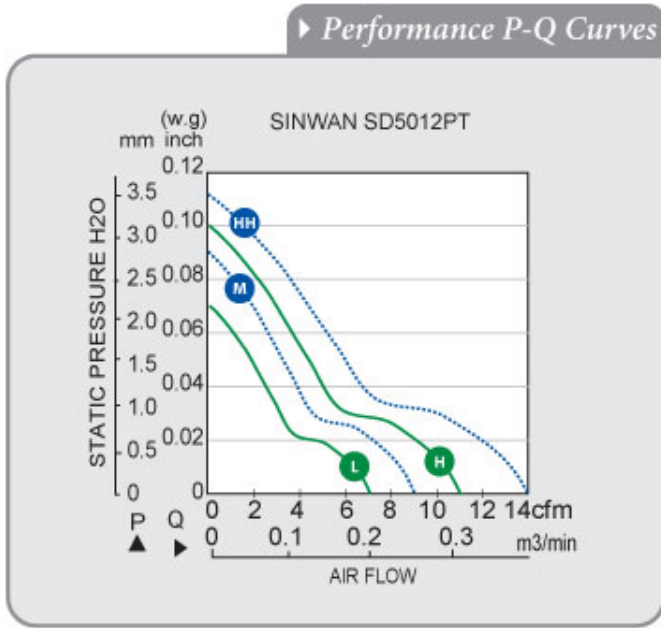
50x50x12mm / 2x0.47inch

Sinwan DC Fan, 14~7 CFM

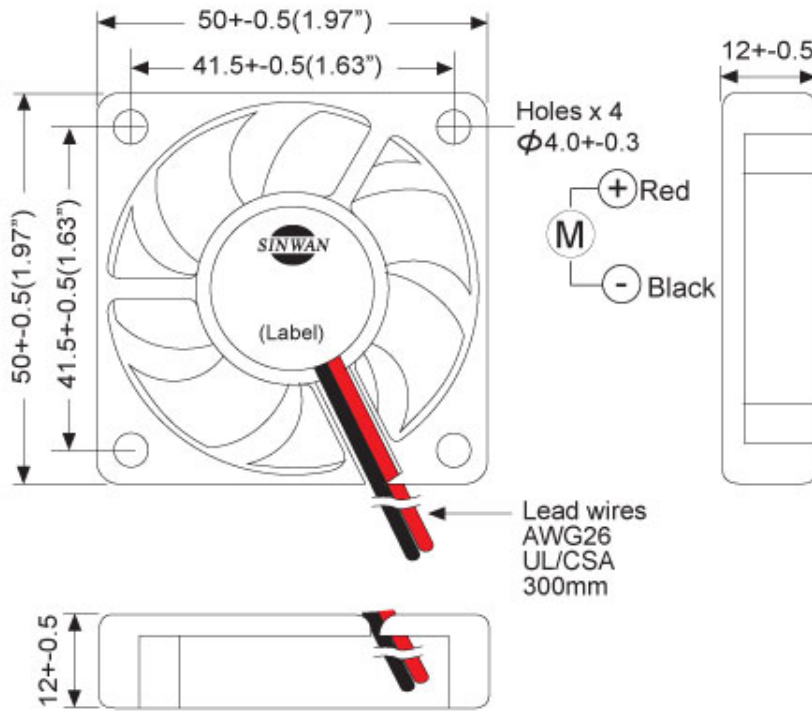
Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level db(A)	PQ Curves
	VDC	VDC	Watt	A	RPM	CFM	m3/min	Inch/H2O	mm		
SD5012PT-05H	5	4~7	0.7	0.13	4500	11	0.3	0.1	2.54	26	H
SD5012PT-05M	5	4~7	0.5	0.10	4000	9	0.3	0.091	2.31	25	M
SD5012PT-05L	5	4~7	0.4	0.08	3500	7	0.2	0.071	1.8	24	L
SD5012PT-12H	12	8~13.8	1.1	0.09	4500	11	0.3	0.1	2.54	26	H
SD5012PT-12M	12	8~13.8	0.9	0.07	4000	9	0.3	0.091	2.31	25	M
SD5012PT-12L	12	8~14	0.8	0.06	3500	7	0.2	0.071	1.8	24	L
SD5012PT-24H(HH)	24	12~27.6	1.5	0.06	5700	14	0.4	0.11	2.79	28	HH
SD5012PT-24H	24	12~27.6	1.5	0.06	4500	11	0.3	0.1	2.54	26	H
SD5012PT-24M	24	12~27.6	1.2	0.05	4000	9	0.3	0.091	2.31	25	M
SD5012PT-24L	24	12~27.6	1	0.04	3500	7	0.2	0.071	1.8	24	L
SD5012PT-48H(HH)	48	24~54	1.9	0.04	5700	14	0.4	0.11	2.79	28	HH

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal type Ball bearing
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- 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:	Electronically protected, polarity protected
IP Protection:	Ratings on request
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:	On request
Signal Output:	Optional:R/D alarm output, tachometer output
Environment	
Operating Temp:	Ambient non-condensing -15~+65C
Storage Temp:	-25C~+70C (at 65%RH)
Life Expectancy:	L10 55K hours at 45C, 40K hours at 60C



▶ Outline Dimensions



Metal Fan Guard
G50-3



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