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·DC· SD1438SPT



140x140x38mm / 5.5x1.5inch
300~125 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
SD1438SPT-12SHH**	12	7~13.2	55.2	4.6	7200	300	8.5	2.8	71.12	72	1	<input checked="" type="checkbox"/>
SD1438SPT-12SH**	12	7~13.2	43.2	3.6	6000	250	7.1	1.92	48.77	67	2	<input checked="" type="checkbox"/>
SD1438SPT-12HHH**	12	7~13.2	28.8	2.4	5000	206	5.8	1.33	33.78	63	3	<input checked="" type="checkbox"/>
SD1438SPT-12HH**	12	7~13.2	22.8	1.9	4500	180	5.1	1.04	26.42	61	4	<input checked="" type="checkbox"/>
SD1438SPT-12H**	12	7~13.2	19.2	1.6	4000	170	4.8	0.86	21.84	58	5	<input checked="" type="checkbox"/>
SD1438SPT-12M**	12	7~13.2	14.4	1.2	3500	145	4.1	0.66	16.76	55	6	<input checked="" type="checkbox"/>
SD1438SPT-12L**	12	7~13.2	11.4	0.95	3000	125	3.5	0.49	12.45	52	7	<input checked="" type="checkbox"/>
SD1438SPT-24SHH**	24	14~26.4	67.2	2.8	7200	300	8.5	2.8	71.12	72	1	<input checked="" type="checkbox"/>
SD1438SPT-24SH**	24	14~26.4	57.6	2.4	6000	250	7.1	1.92	48.77	67	2	<input checked="" type="checkbox"/>
SD1438SPT-24HHH**	24	14~26.4	43.2	1.8	5000	206	5.8	1.33	33.78	63	3	<input checked="" type="checkbox"/>
SD1438SPT-24HH**	24	14~26.4	28.8	1.2	4500	180	5.1	1.04	26.42	61	4	<input checked="" type="checkbox"/>
SD1438SPT-24H**	24	14~26.4	21.6	0.9	4000	170	4.8	0.86	21.84	58	5	<input checked="" type="checkbox"/>
SD1438SPT-24M**	24	14~26.4	14.4	0.6	3500	145	4.1	0.66	16.76	55	6	<input checked="" type="checkbox"/>
SD1438SPT-48SHH**	48	28~56	76.8	1.6	7200	300	8.5	2.8	71.12	72	1	<input checked="" type="checkbox"/>
SD1438SPT-48SH**	48	28~56	52.8	1.1	6000	250	7.1	1.92	48.77	67	2	<input checked="" type="checkbox"/>
SD1438SPT-48HHH**	48	28~56	42.24	0.88	5000	206	5.8	1.33	33.78	63	3	<input checked="" type="checkbox"/>
SD1438SPT-48HH**	48	28~56	31.2	0.65	4500	180	5.1	1.04	26.42	61	4	<input checked="" type="checkbox"/>
SD1438SPT-48H**	48	28~56	24.96	0.52	4000	170	4.8	0.86	21.84	58	5	<input checked="" type="checkbox"/>
SD1438SPT-48M**	48	28~56	16.8	0.35	3500	145	4.1	0.66	16.76	55	6	<input checked="" 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, IP68 (Optional)

Mechanical

Frame: Glass fiber reinforced thermoplastic, rated UL94V-0

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: 360g

Electronical

Dielectric Strength: 500 VAC/min. Max leakage 0.5mA

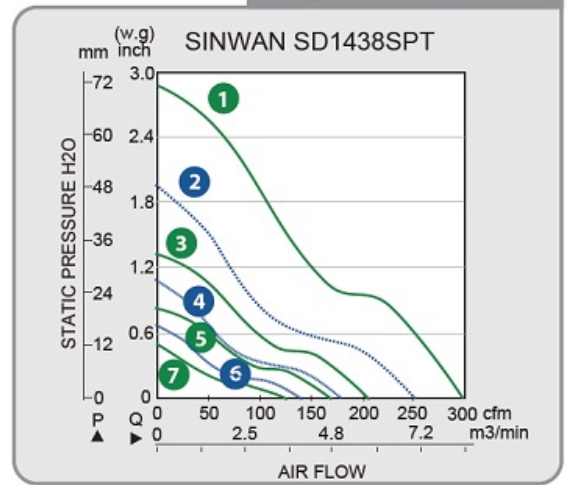
Speed Control: Optional: PWM, S/C NTC thermister... on request

Signal Output: Optional: RD alarm output, FG tachometer output

Environment

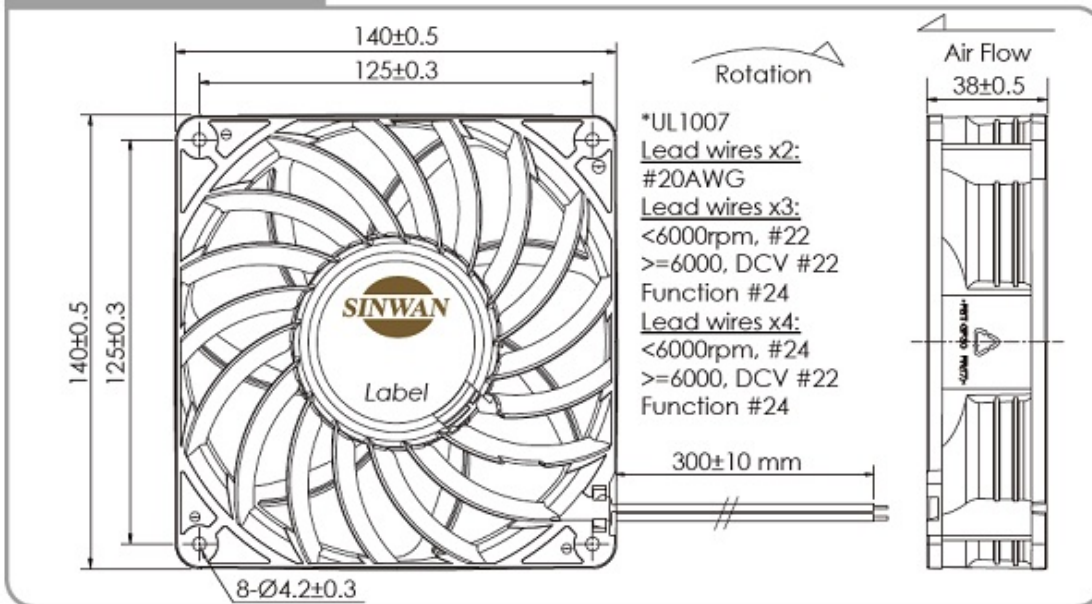
Operating Temp: -20~+65C
 Storage Temp: -20C~+75C (at 65%RH)
 Life Expectancy: L10 70K hours at 40C

▶ Performance P-Q Curves



- 
 Nomenclature
- 
 R/D Alarm
- 
 F/G Tach
- 
 S/C Function
- 
 PWM Function

▶ Outline Dimensions



Relevant products

