



·DC· SD254AP (68)



Dia.254x88.9mm / 10x3.5inch Sinwan DC Fan, 1000~350 CFM

SINWAN IP68/69K DC 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
SD254AP-12SH** (68)	12	9~13	64.8	5.4	2400	830 23.5	0.78 19.81	60	SH	✓
SD254AP-12HH** (68)	12	9~13	50.4	4.2	2200	750 21.2	0.69 17.53	56	HH	✓
SD254AP-12H** (68)	12	9~13	23(~37.2)	1.9(~3.1)	2000	690 19.5	0.58 14.73	47	H	✓
SD254AP-12M** (68)	12	9~14	13.2(~18)	1.1(~1.5)	1650	550 15.6	0.37 9.4	39	M	✓
SD254AP-12L** (68)	12	10~16	5.5	0.45	1000	350 9.9	0.25 6.35	28	L	✓
SD254AP-24SHH** (68)	24	16~27	100.8	4.2	3000	1000 28.3	1.05 26.67	75	SHH	✓
SD254AP-24SH** (68)	24	16~27	63.6	2.65	2500	850 24.1	0.83 21.08	62	SH	✓
SD254AP-24HH** (68)	24	16~27	50.4	2.0	2300	760 21.5	0.71 18.03	58	HH	✓
SD254AP-24H** (68)	24	16~27	36	1.5	2000	690 19.5	0.58 14.73	47	H	✓
SD254AP-24M** (68)	24	16~27.6	28.8	1.2	1650	550 15.6	0.37 9.4	39	M	✓
SD254AP-24L** (68)	24	18~30	16.8	0.7	1000	350 9.9	0.25 6.35	28	L	✓
SD254AP-48SHH** (68)	48	24~53	96	2	3000	1000 28.3	1.05 26.67	75	SHH	✓
SD254AP-48SH** (68)	48	24~53	62.4	1.3	2500	850 24.1	0.83 21.08	62	SH	✓
SD254AP-48HH** (68)	48	24~53	62.4	1.3	2300	760 21.5	0.71 18.03	58	HH	✓
SD254AP-48H** (68)	48	24~53	48	1.0	2000	690 19.5	0.58 14.73	49	H	✓
SD254AP-48M** (68)	48	24~56	33.6	0.7	1650	550 15.6	0.37 9.4	39	M	✓
SD254AP-48L** (68)	48	28~58	5.8	0.12	1000	350 9.9	0.25 6.35	28	L	✓

- **="WB" for wire leads connecting, "TB" for push-in flat pins terminal or terminal block connecting, with Ball bearings
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

Motor

Motor Type: Microprocessor CPU controlled brushless DC Motor, auto cutoff, auto restart
Burnout Protection: Electronically protected, polarity protected
IP Protection: IP68 or IP69K optional on request

Mechanical

Frame: Aluminum die cast, black color treatment
Impeller: 3 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing: Two ball bearings
Rotation: CCW seen on rotor
Connection: Wire leads or push-in flat pins terminal connecting, terminal block optional.
Weight: 1,830g (4Lbs)

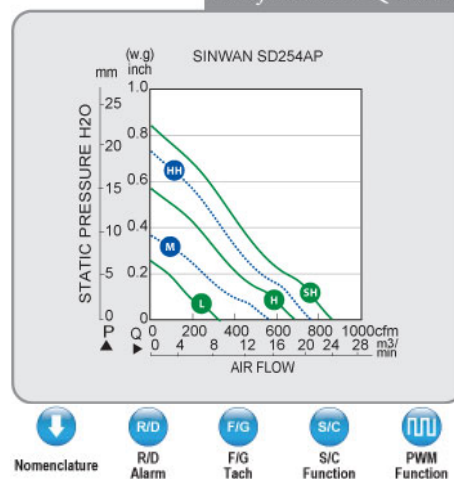
Electrical

Dielectric Strength: 500 VAC/min. Max leakage 500mA
Speed Control: Optional:PWM, SC NTC thermister, 0~10V control voltage SV
Signal Output: Optional:RD alarm, tachometer FG outputs

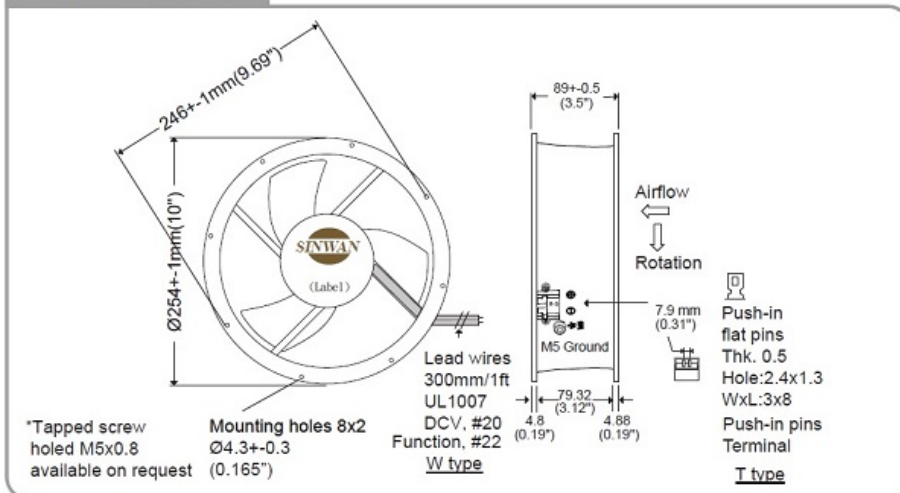
Environment

Operating Temp: -20C~+65C
Storage Temp: -20C~+75C (at 65%RH)
Life Expectancy: L10 90K hours at 35C, 40K hours at 60C

Performance P-Q Curves



► Outline Dimensions



Relevant products

