



·DC· SD9225PT (68)



92x92x25mm / 3.6x1inch Sinwan DC Fan, 66~25 CFM

SINWAN IP68/IP69K 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
SD9225PT-05H (68)	5	4~7	1.5	0.32	2400	35 1	0.22 5.59	33	H
SD9225PT-05M (68)	5	4~7	1.3	0.25	2100	32 0.9	0.15 3.81	27	M
SD9225PT-05L (68)	5	4~7	0.9	0.18	1600	25 0.7	0.12 3.05	23	L
SD9225PT-12H (HHH)(68)	12	7~13.6	3.0	0.29	3600	66 1.9	0.27 6.86	43	HHH
SD9225PT-12H (HH)(68)	12	7~13.6	3.0	0.29	3300	60 1.7	0.25 6.35	38	HH
SD9225PT-12H (68)	12	7~13.6	3.0	0.29	2900	50 1.4	0.24 6.1	35	H
SD9225PT-12M (68)	12	7~13.6	2.1	0.20	2500	35 1	0.18 4.57	30	M
SD9225PT-12L (68)	12	7~13.6	1.4	0.12	1800	25 0.7	0.12 3.05	23	L
SD9225PT-24H (HHH)(68)	24	12~27	3.5	0.18	3600	66 1.9	0.27 6.86	43	HHH
SD9225PT-24H (HH)(68)	24	12~27	3.5	0.18	3300	60 1.7	0.25 6.35	38	HH
SD9225PT-24H (68)	24	12~27	3.5	0.18	2900	50 1.4	0.24 6.1	33	H
SD9225PT-24M (68)	24	12~27	2.8	0.12	2500	35 1	0.18 4.57	30	M
SD9225PT-24L (68)	24	12~27	2.4	0.10	1800	25 0.7	0.12 3.05	23	L
SD9225PT-48H (HHH)(68)	48	28~55	4.3	0.09	3600	66 1.9	0.27 6.86	43	HHH
SD9225PT-48H (HH)(68)	48	28~55	4.3	0.09	3300	60 1.7	0.25 6.35	38	HH
SD9225PT-48H (68)	48	28~55	4.3	0.09	2900	50 1.4	0.24 6.1	32	H
SD9225PT-48M (68)	48	32~56	2.4	0.05	2500	35 1	0.18 4.57	30	M
SD9225PT-48L (68)	48	32~56	1.9	0.04	2100	32 0.9	0.15 3.81	27	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

Burnout Protection: Electronically protected, polarity protected

IP Protection: IP68 or IP69K optional on request

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: 80g

Electrical

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

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

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

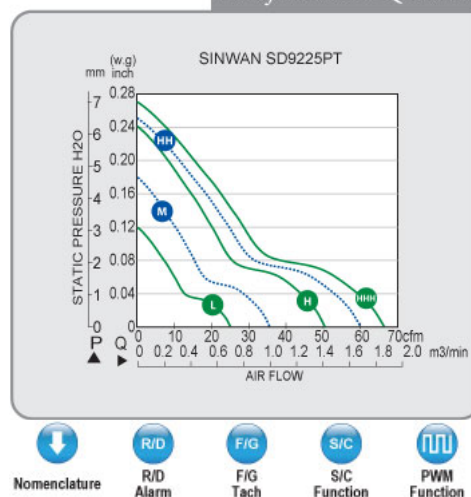
Environment

Operating Temp: -20C~+65C

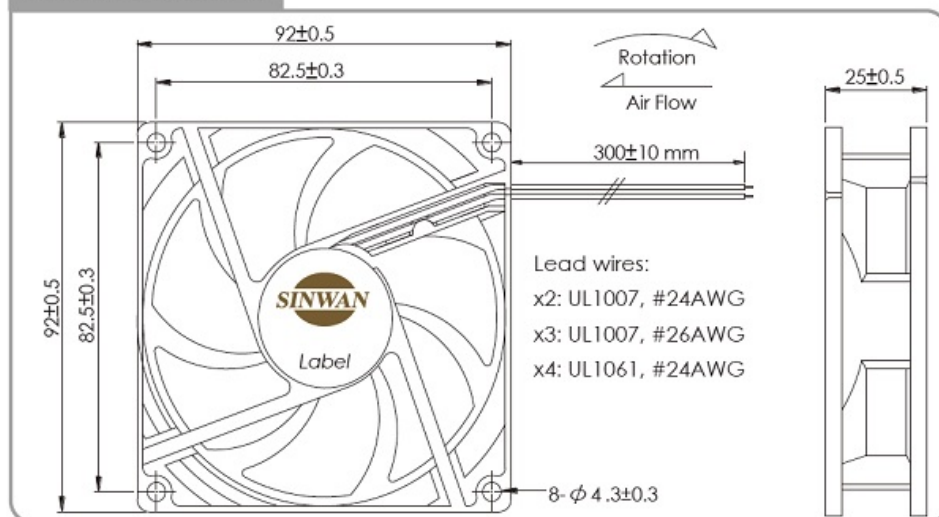
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

Performance P-Q Curves



► Outline Dimensions



Relevant products



Metal Fan Guard
G92-13, G92-16



Plastic Fan Guard
G92P, G92P2, G92P25F, G92P4



Plastic Fan Filter
GRM92-30, GRM92-45



Metal Fan Screen
MF92S-30N

