



·DC· SD6025PT (68)



60x60x25mm / 2.4x1inch Sinwan DC Fan, 45~12 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	UL
SD6025PT-05H (HH)(68)	5	4~6	1.2(~1.6)	0.24(~0.32)	3600	25 0.7	0.22 5.59	30	8	✓
SD6025PT-05H (68)	5	4~7	1.2	0.24	3200	20 0.6	0.17 4.32	26	9	✓
SD6025PT-05M (68)	5	4~7	0.9	0.17	2800	15 0.4	0.15 3.81	21	11	✓
SD6025PT-05L (68)	5	4~7	0.6	0.12	2000	12 0.3	0.10 2.54	18	13	✓
SD6025PT-12H (HHH)(68)	12	8~13.8	1.8(~3.5)	0.15(~0.29)	5500	38 1.1	0.26 6.6	38	3	✓
SD6025PT-12H (HH)(68)	12	8~13.8	1.8(~2.5)	0.15(~0.21)	4400	32 0.9	0.24 6.1	32	5	✓
SD6025PT-12H (68)	12	8~13.8	1.8	0.15	4000	28 0.8	0.23 5.84	30	7	✓
SD6025PT-12M (68)	12	8~14	1.5	0.12	3200	20 0.6	0.17 4.32	26	9	✓
SD6025PT-12L (68)	12	8~14	1	0.08	2500	14 0.4	0.14 3.56	20	12	✓
SD6025PT-24EH (68)	24	12~27.6	7.2	0.3	7000	45 1.3	0.32 8.13	50	1	✓
SD6025PT-24SHH (68)	24	12~27.6	4.8	0.2	6000	40 1.1	0.28 7.11	41	2	✓
SD6025PT-24SH (68)	24	12~27.6	3.84	0.16	5500	38 1.1	0.26 6.6	38	3	✓
SD6025PT-24HHH (68)	24	12~27.6	3.36	0.14	5000	35 1	0.25 6.35	35	4	✓
SD6025PT-24HH (68)	24	12~27.6	2.8(~3.6)	0.12(~0.15)	4400	32 0.9	0.24 6.1	32	5	✓
SD6025PT-24H (68)	24	12~27.6	2.8	0.12	4000	28 0.8	0.23 5.84	30	7	✓
SD6025PT-24M (68)	24	12~27.6	2.2	0.09	3000	17 0.5	0.16 4.06	25	10	✓
SD6025PT-24L (68)	24	12~28	1.5	0.06	2500	14 0.4	0.14 3.56	20	12	✓
SD6025PT-48HHH (68)	48	24~53	7.2	0.15	5500	37 1	0.26 6.6	38	3	✓
SD6025PT-48HH (68)	48	24~55	6.24	0.13	4400	32 0.9	0.24 6.1	32	5	✓
SD6025PT-48H (68)	48	24~56	5.28	0.11	4200	30 0.8	0.23 5.84	31	6	✓
SD6025PT-48M (68)	48	24~56	4.8	0.1	4000	28 0.8	0.23 5.84	30	7	✓
SD6025PT-48L (68)	48	28~56	3.84	0.08	3000	17 0.5	0.16 4.06	25	10	✓
SD6025PT-48LL (68)	48	28~56	3.36	0.07	2800	16 0.5	0.15 3.81	21	11	✓

- ** = "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

Burnout Protection: Electronically protected, polarity protected

IP Protection: IP68 or IP69K optional 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: 60g

Electrical

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

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

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

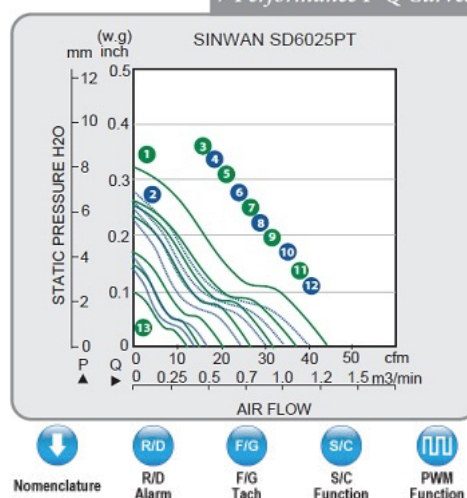
Environment

Operating Temp: -20C~+65C

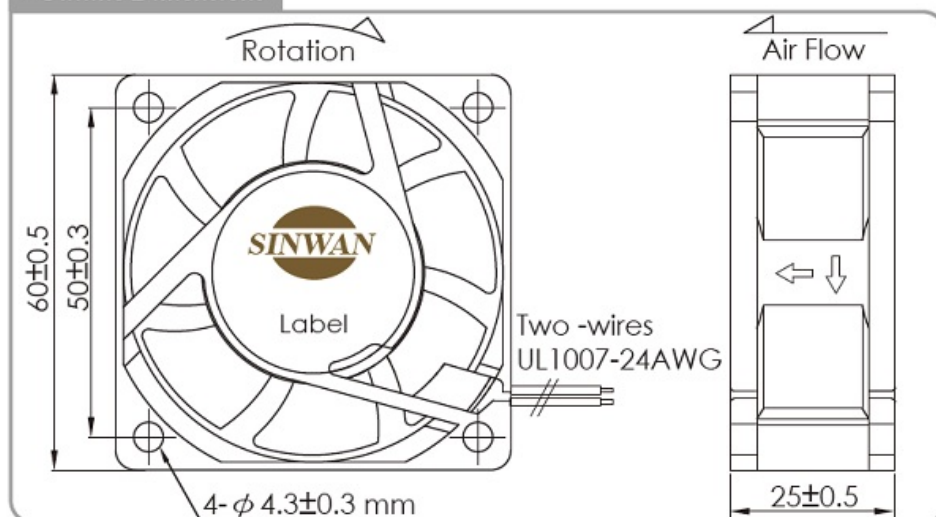
Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 70K hours at 40C

Performance P-Q Curves



► Outline Dimensions



Relevant products



Metal Fan Guard
G60-4, G60-4F



Plastic Fan Guard
G60P, G60P2, G60P4



Plastic Fan Filter
GRM60-30, GRM60-45



Metal Fan Screen
MF60S-30N



RoHS