



·DC· SDK8025 (68)



Dia.72x25mm / 2.8inch
48~22 CFM

Sinwan IP68/IP69K DC Skeleton Fan

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
SDK8025PT-05H (HH)(68)	5	4~6	1.4	0.28	3200	40	1.1	0.23	5.84	33	HH
SDK8025PT-05H (68)	5	4~7	1.4	0.28	2800	35	1	0.22	5.59	32	H
SDK8025PT-05M (68)	5	4~7	1.0	0.20	2200	30	0.8	0.15	3.81	27	M
SDK8025PT-05L (68)	5	4~7	0.8	0.15	1800	22	0.6	0.10	2.54	21	L
SDK8025PT-12H (HH)(68)	12	8~13.8	2.2	0.18	3800	48	1.4	0.26	6.6	35	HH
SDK8025PT-12H (68)	12	8~13.8	2.2	0.18(~0.31)	3450	40	1.1	0.23	5.84	33	H
SDK8025PT-12M (68)	12	8~14	1.8	0.15	2700	32	0.9	0.16	4.06	28	M
SDK8025PT-12L (68)	12	8~14	1.4	0.12	2000	22	0.6	0.10	2.54	21	L
SDK8025PT-24H (HH)(68)	24	12~27.6	2.9	0.12	3800	48	1.4	0.26	6.6	35	HH
SDK8025PT-24H (68)	24	12~27.6	2.9	0.12	3300	40	1.1	0.23	5.84	33	H
SDK8025PT-24M (68)	24	12~27.6	2.4	0.08	2700	32	0.9	0.16	4.06	28	M
SDK8025PT-24L (68)	24	12~28	2.0	0.08	2000	22	0.6	0.10	2.54	21	L
SDK8025PT-48H (HH)(68)	48	24~55	3.8	0.08	3800	48	1.4	0.26	6.6	35	HH
SDK8025PT-48H (68)	48	24~56	3.8	0.08	3300	40	1.1	0.23	5.84	33	H

- ** = "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, auto restart impedance & polarity protected motor

Burnout Protection: Impedance protected

IP Protection: IP68 or IP69K optional on request

Mechanical

Frame: Glass fiber reinforced PBT thermoplastic, UL94V-0

Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller

Bearing: Double sealed high precision ball bearing

Rotation: CCW seen on rotor

Connection: Wire leads connecting AWG24, 300~350mm, stripped ends 3~5mm

Weight: -

Electrical

Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp

Speed Control:

Signal Output:

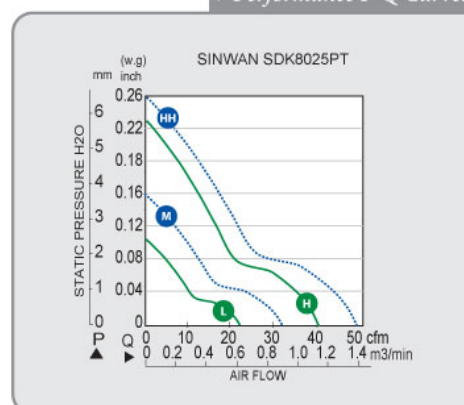
Environment

Operating Temp: Ball bearings -20C~+70C

Storage Temp: -25C~+80C (at 65%RH)

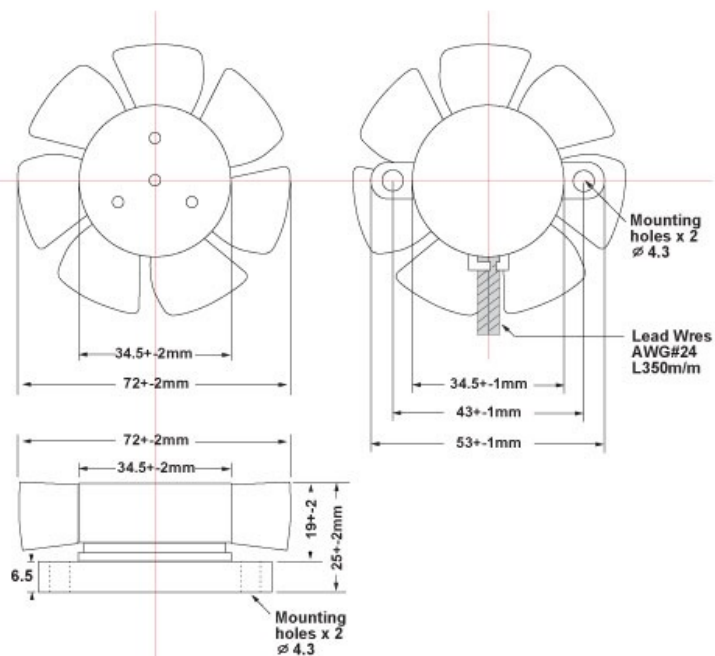
Life Expectancy: Ball bearings 60,000 hours at 45C, 45,000 hours at 65C

Performance P-Q Curves



Nomenclature
R/D Alarm
F/G Tach

► Outline Dimensions



Relevant products

UL[®] **US** **CE** **RoHS**