

·DC· SDK8025 (HR)



Dia.72x25mm/2.8inch
48~22CFM

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

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:

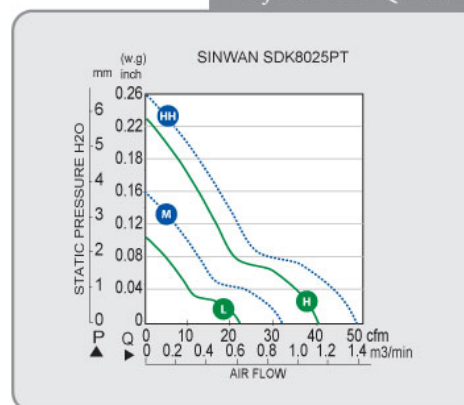
Environment

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

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

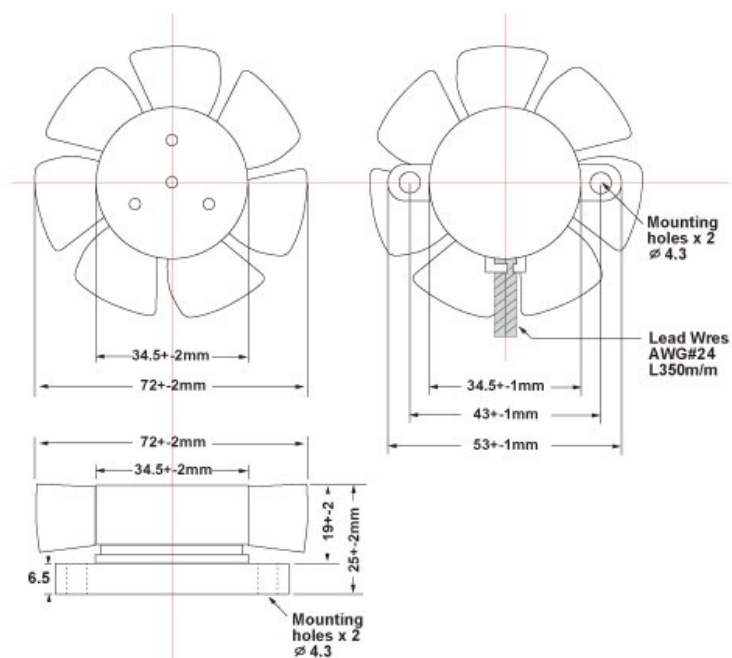
Life Expectancy: Ball bearings 60,000 hours at 45C, 45,000 hours at 65C

► Performance P-Q Curves



Nomenclature
R/D Alarm
F/G Tach

► Outline Dimensions



Relevant products

CE **RoHS**