



·DC· SDK6025 (HR)



Dia.56x25mm/2.2inch
38~12CFM

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
SDK6025PT-05H(HH)	5	4~6	1.2	0.24 (~0.32)	3600	25 0.7	0.22 5.59	30	HH
SDK6025PT-05H	5	4~7	1.2	0.24	3200	20 0.6	0.17 4.32	26	H
SDK6025PT-05M	5	4~7	0.9	0.17	2800	15 0.4	0.14 3.56	21	M
SDK6025PT-05L	5	4~7	0.6	0.12	2000	12 0.3	0.1 2.54	18	L
SDK6025PT-12H(HHH)	12	8~13.8	1.8	0.15 (~0.29)	5500	38 1.1	0.26 6.6	38	HHH
SDK6025PT-12H(HH)	12	8~13.8	1.8	0.15 (~0.21)	4400	32 0.9	0.24 6.1	32	HH
SDK6025PT-12H	12	8~13.8	1.8	0.15	4000	25 0.7	0.22 5.59	30	H
SDK6025PT-12M	12	8~14	1.5	0.12	3200	17 0.5	0.16 4.06	25	M
SDK6025PT-12L	12	8~14	1	0.08	2500	14 0.4	0.14 3.56	20	L
SDK6025PT-24H(HHH)	24	12~27.6	2.8	0.12 (~0.18)	5500	38 1.1	0.26 6.6	38	HHH
SDK6025PT-24H(HH)	24	12~27.6	2.8	0.12 (~0.15)	4400	32 0.9	0.24 6.1	32	HH
SDK6025PT-24H	24	12~27.6	2.8	0.12	4000	25 0.7	0.22 5.59	30	H
SDK6025PT-24M	24	12~27.6	2.2	0.09	3000	17 0.5	0.16 4.06	25	M
SDK6025PT-24L	24	12~28	1.5	0.06	2500	14 0.4	0.14 3.56	20	L
SDK6025PT-48H(HHH)	48	24~53	3.4	0.07 (~0.11)	5500	37 1	0.26 6.6	38	HHH
SDK6025PT-48H(HH)	48	24~55	3.4	0.07 (~0.1)	4400	32 0.9	0.24 6.1	32	HH
SDK6025PT-48H	48	24~56	3.4	0.07	4200	28 0.8	0.23 5.84	30	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: -

Electronical

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

Speed Control:

Signal Output:

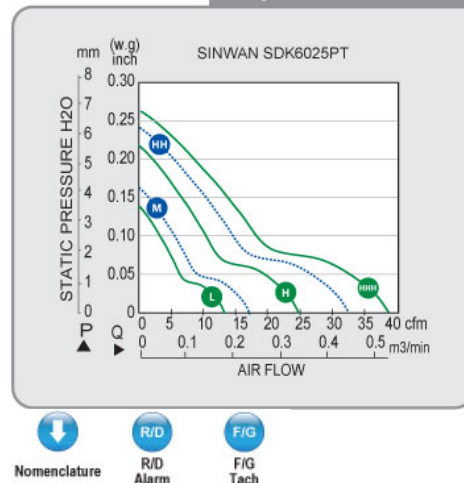
Environment

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

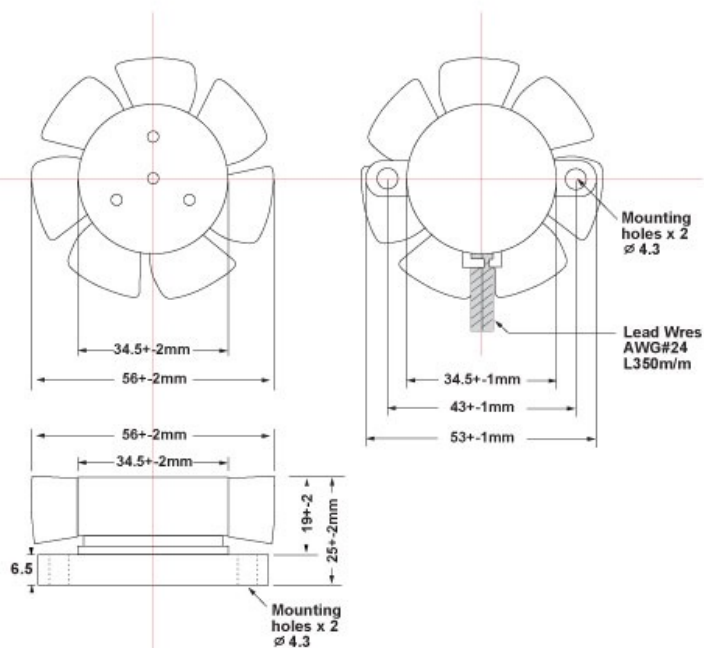
Storage Temp: -25C~+80C (at 65%RH)

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

► Performance P-Q Curves



► Outline Dimensions



Relevant products

