

·DC· SDK9225 (HR)



**Dia.86x26mm/3.3inch**  
**66~25CFM**

| Model No           | Rated Volt VDC | Voltage Range VDC | Input Power Watt | Rated Current Amp | Ref. Speed RPM | Max.Airflow |        | Max.Static Pressure |      | Noise Level db(A) | PQ Curves |
|--------------------|----------------|-------------------|------------------|-------------------|----------------|-------------|--------|---------------------|------|-------------------|-----------|
| SDK9225PT-05H(HH)  | 5              | 4~6               | 1.5              | 0.32              | 3300           | CFM         | m3/min | Inch/H2O            | mm   |                   |           |
| SDK9225PT-05H      | 5              | 4~7               | 1.5              | 0.32              | 2400           | 35          | 1      | 0.22                | 6.35 | 33                | HH        |
| SDK9225PT-05M      | 5              | 4~7               | 1.3              | 0.25              | 2100           | 32          | 0.9    | 0.15                | 5.59 | 27                | M         |
| SDK9225PT-05L      | 5              | 4~7               | 0.9              | 0.18              | 1600           | 25          | 0.7    | 0.12                | 3.81 | 23                | L         |
| SDK9225PT-12H(HHH) | 12             | 7~13.6            | 3.0              | 0.29              | 3600           | 66          | 1.9    | 0.27                | 6.86 | 43                | HHH       |
| SDK9225PT-12H(HH)  | 12             | 7~13.6            | 3.0              | 0.29              | 3300           | 60          | 1.7    | 0.25                | 6.35 | 38                | HH        |
| SDK9225PT-12H      | 12             | 7~13.6            | 3.0              | 0.29              | 2900           | 50          | 1.4    | 0.24                | 6.1  | 35                | H         |
| SDK9225PT-12M      | 12             | 7~13.6            | 2.1              | 0.20              | 2500           | 35          | 1      | 0.18                | 4.57 | 30                | M         |
| SDK9225PT-12L      | 12             | 7~13.6            | 1.4              | 0.12              | 1800           | 25          | 0.7    | 0.12                | 3.05 | 23                | L         |
| SDK9225PT-24H(HHH) | 24             | 12~27             | 3.5              | 0.18              | 3600           | 66          | 1.9    | 0.27                | 6.86 | 43                | HHH       |
| SDK9225PT-24H(HH)  | 24             | 12~27             | 3.5              | 0.18              | 3300           | 60          | 1.7    | 0.25                | 6.35 | 38                | HH        |
| SDK9225PT-24H      | 24             | 12~27             | 3.5              | 0.18              | 2900           | 50          | 1.4    | 0.24                | 6.1  | 33                | H         |
| SDK9225PT-24M      | 24             | 12~27             | 2.8              | 0.12              | 2500           | 35          | 1      | 0.18                | 4.57 | 30                | M         |
| SDK9225PT-24L      | 24             | 12~27             | 2.4              | 0.10              | 1800           | 25          | 0.7    | 0.12                | 3.05 | 23                | L         |
| SDK9225PT-48H(HHH) | 48             | 28~55             | 4.3              | 0.09              | 3600           | 66          | 1.9    | 0.27                | 6.86 | 43                | HHH       |
| SDK9225PT-48H(HH)  | 48             | 28~55             | 4.3              | 0.09              | 3300           | 60          | 1.7    | 0.25                | 6.35 | 38                | HH        |
| SDK9225PT-48H      | 48             | 28~55             | 4.3              | 0.09              | 2900           | 50          | 1.4    | 0.24                | 6.1  | 32                | H         |
| SDK9225PT-48M      | 48             | 32~56             | 2.4              | 0.05              | 2500           | 35          | 1      | 0.18                | 4.57 | 30                | M         |
| SDK9225PT-48L      | 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, 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

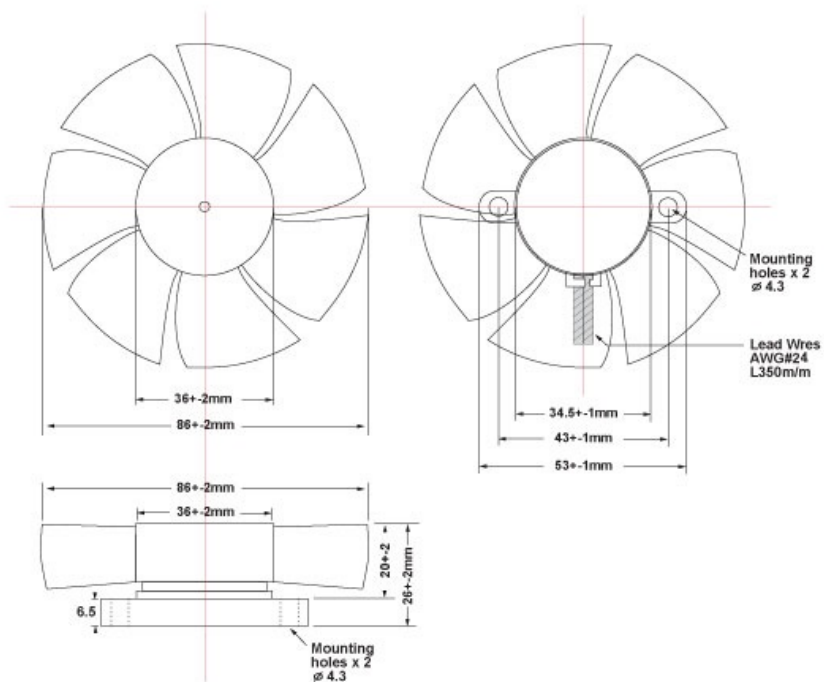
Operating Temp: Ball bearings -20C~+65C

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

Life Expectancy: 70,000 hours at 40C, 60,000 hours at 65C



► Outline Dimensions



Relevant products

CE RoHS