



• DC • SD9225PT



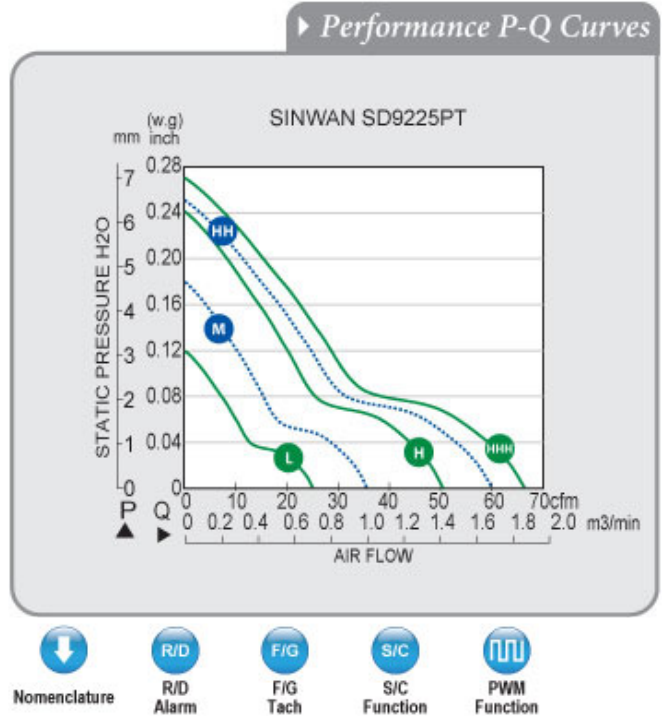
# 92x92x25mm / 3.6x1inch

## 66~25 CFM

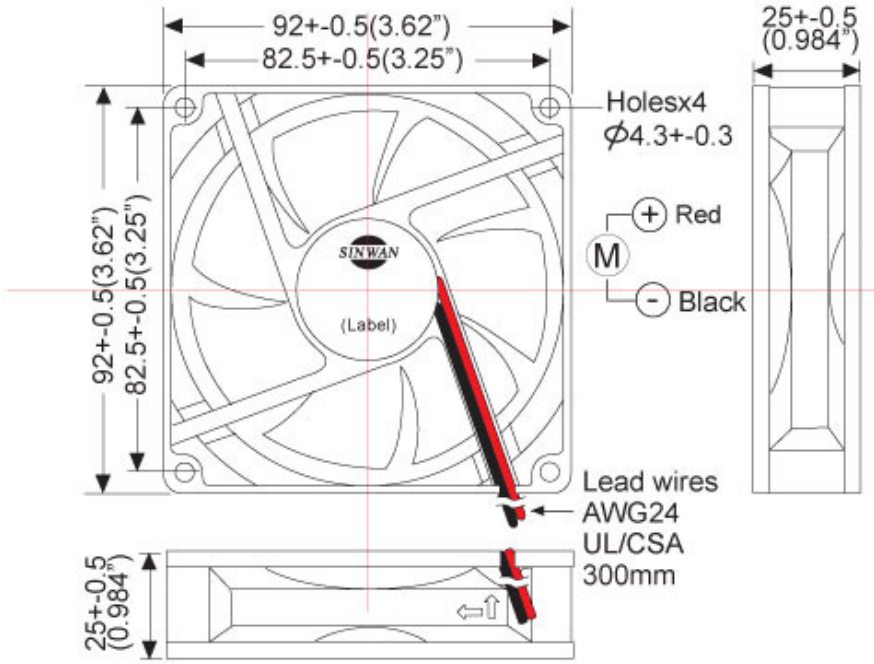
| Model No          | Rated Volt | Voltage Range | Input Power | Rated Current | Ref. Speed | Max. Airflow |        | Max. Static Pressure |      | Noise Level | PQ Curves |
|-------------------|------------|---------------|-------------|---------------|------------|--------------|--------|----------------------|------|-------------|-----------|
|                   | VDC        | VDC           | Watt        | Amp           | RPM        | CFM          | m3/min | Inch/H2O             | mm   | db(A)       |           |
| SD9225PT-05H      | 5          | 4~7           | 1.5         | 0.32          | 2400       | 35           | 1      | 0.22                 | 5.59 | 33          | H         |
| SD9225PT-05M      | 5          | 4~7           | 1.3         | 0.25          | 2100       | 32           | 0.9    | 0.15                 | 3.81 | 27          | M         |
| SD9225PT-05L      | 5          | 4~7           | 0.9         | 0.18          | 1600       | 25           | 0.7    | 0.12                 | 3.05 | 23          | L         |
| SD9225PT-12H(HHH) | 12         | 7~13.6        | 3.0         | 0.29          | 3600       | 66           | 1.9    | 0.27                 | 6.86 | 43          | HHH       |
| SD9225PT-12H(HH)  | 12         | 7~13.6        | 3.0         | 0.29          | 3300       | 60           | 1.7    | 0.25                 | 6.35 | 38          | HH        |
| SD9225PT-12H      | 12         | 7~13.6        | 3.0         | 0.29          | 2900       | 50           | 1.4    | 0.24                 | 6.1  | 35          | H         |
| SD9225PT-12M      | 12         | 7~13.6        | 2.1         | 0.20          | 2500       | 35           | 1      | 0.18                 | 4.57 | 30          | M         |
| SD9225PT-12L      | 12         | 7~13.6        | 1.4         | 0.12          | 1800       | 25           | 0.7    | 0.12                 | 3.05 | 23          | L         |
| SD9225PT-24H(HHH) | 24         | 12~27         | 3.5         | 0.18          | 3600       | 66           | 1.9    | 0.27                 | 6.86 | 43          | HHH       |
| SD9225PT-24H(HH)  | 24         | 12~27         | 3.5         | 0.18          | 3300       | 60           | 1.7    | 0.25                 | 6.35 | 38          | HH        |
| SD9225PT-24H      | 24         | 12~27         | 3.5         | 0.18          | 2900       | 50           | 1.4    | 0.24                 | 6.1  | 33          | H         |
| SD9225PT-24M      | 24         | 12~27         | 2.8         | 0.12          | 2500       | 35           | 1      | 0.18                 | 4.57 | 30          | M         |
| SD9225PT-24L      | 24         | 12~27         | 2.4         | 0.10          | 1800       | 25           | 0.7    | 0.12                 | 3.05 | 23          | L         |
| SD9225PT-48H(HHH) | 48         | 28~55         | 4.3         | 0.09          | 3600       | 66           | 1.9    | 0.27                 | 6.86 | 43          | HHH       |
| SD9225PT-48H(HH)  | 48         | 28~55         | 4.3         | 0.09          | 3300       | 60           | 1.7    | 0.25                 | 6.35 | 38          | HH        |
| SD9225PT-48H      | 48         | 28~55         | 4.3         | 0.09          | 2900       | 50           | 1.4    | 0.24                 | 6.1  | 32          | H         |
| SD9225PT-48M      | 48         | 32~56         | 2.4         | 0.05          | 2500       | 35           | 1      | 0.18                 | 4.57 | 30          | M         |
| SD9225PT-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 Motor, auto cutoff, auto restart           |
| Burnout Protection:  | Impedance protected                                     |
| IP Protection:       | -   |
| 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:              | 95 g (0.21 Lbs)   |
| Electronical         |   |
| Dielectric Strength: | 500 VAC/min. Max leakage 500mA                          |
| Speed Control:       | Optional: PWM, S/C NTC thermister                       |
| Signal Output:       | Optional: R/D alarm output, tachometer output           |
| Environment          |   |
| Operating Temp:      | Ambient non-condensing -15~+65C                         |
| Storage Temp:        | -25C~+80C (at 65%RH)                                    |
| Life Expectancy:     | L10 70K hours at 40C, 60K hours at 65C                  |



▶ Outline Dimensions



Relevant products



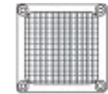
Metal Fan Guard  
G92-13, G92-16



Plastic Fan Guard  
G92P, G92P2, G92P25F, G92P4



Plastic Fan Filter  
GRM92-30, GRM92-45



Metal Fan Screen  
MF92S-30N



RoHS

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