# HR8025 48V K2

DC AXIAL FAN | TECHNICAL DATASHEET

## 80x80x25 mm | 48 VDC | K2



Frame Type: Black PBT (UL94V-0)
Impeller: Black PBT (UL94V-0)
Bearing: Two Ball & (Sleeve or Hydraulic Bearing)
Operation Temperature: -10°C~70°C (Ordinary humidity)
Storage Temperature: -40°C~80°C (Ordinary humidity)
Lead wire: (+) Red,(-) Black,(FG/RD)Yellow,(PWM) Blue
Safety: CE approved, RoHS
Ingress of Protection: IP42 or IP55
Unit Weight:80g
Level of error:±10%

## ELECTRICAL & PERFORMANCE SPECIFICATIONS

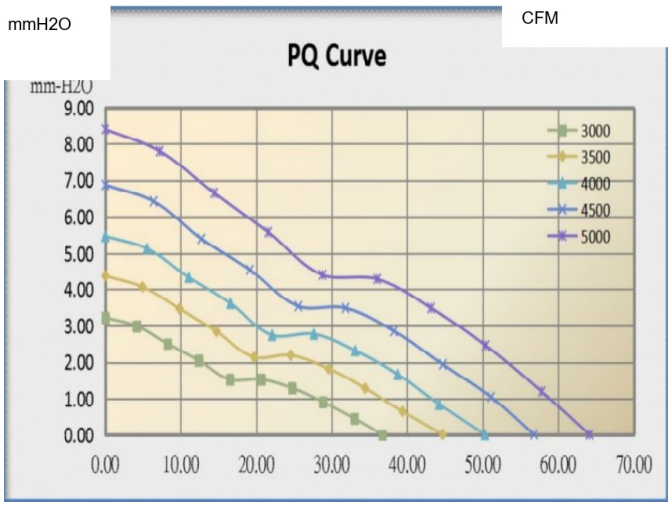
| Model | Rated VDC | Operating VDC | Current A | Power W | Speed RPM | Air flow CFM | Air flow m³/min | Pressure mmH2O | Pressure Pa | Noise dBA |
|---|---|---|---|---|---|---|---|---|---|---|
| HR8025HD4(-SF) | 48 | 30~60 | 0.25 | 12.00 | 6500 | 81.79 | 2.32 | 13.50 | 132.39 | 52.40 |
| HR8025MD4(-SF) | 48 | 30~60 | 0.10 | 4.80 | 4500 | 56.79 | 1.61 | 6.87 | 67.37 | 42.30 |
| HR8025LD4(-SF) | 48 | 30~60 | 0.03 | 1.44 | 3000 | 36.69 | 1.04 | 3.22 | 31.58 | 33.50 |

## AVAILABLE FUNCTIONS

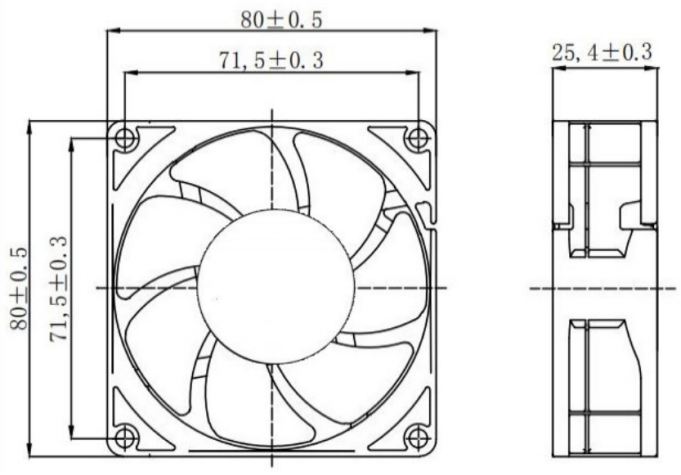
| RP | AS | CS | CL | OV | SS | FG | RD/RD/b | LD | PPWM | VPWM | TC | RC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | | |

Function availability depends on the ordered configuration. Confirm wiring and pinout before use.

## PERFORMANCE CURVES




## DIMENSIONS (mm)




Specifications are subject to change. Contact HERAYS for configuration requirements.