

Standard DC Fan



Fan noise is always one of the considerations for the customers in the evaluation of fan quality. Therefore, low noise product become the market trend. Sunon Standard DC Fan with precision sleeve bearing system provides very low noise at competitive price. For high ambient temperature operation or specified mounting orientation or particularly long service life requirements, Sunon Standard DC fan are available with a precision ball bearing system.

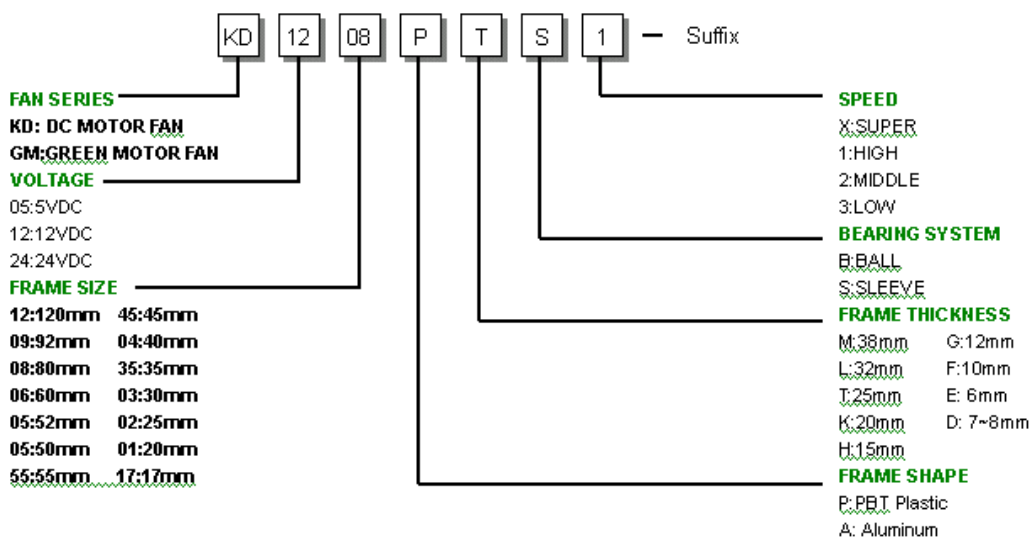
Applications:

Personal Computer, Work Station, Server, Printer, Switch Power Supply, Networking System, Hub, Copying Machine, Fax Machine, Power Units, Enclosure Projector, Refrigerator, Air Cleaner, Air Heater, Test Instrument, Calibration Equipment, Medical, Production And Communications Equipment.

General Data

- Direction of Rotation :** Counter-Clockwise Viewed from Fan Blade
- Air Flow Direction :** Label Side
- The Best Mounting Direction :** In Any Orientation
- Operating Temperature :** -10 to +70 Deg.C
- Storage Temperature :** -40 to +70 Deg.C
- Bering System :** Precise Ball Bearing System or Lubricated Sintered Sleeve Bearing System
- Tolerances :** 15% on Rated Power & Current
- Insulation Resistance :** More than 500M ohm between internal stator and lead wire(+) measured by DC 500V
- Dielectric Strength :** Applied AC 500V for one minute or AC 600V for two seconds between housing and lead wire(+)
(withstand voltage)
- Safety Protection :** Electronic locked rotor protected
- Vibration :** Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in the 3 directions (X, Y, Z) for 30 minutes, each direction at the cycle of 1 minute.

Model Numbering System



NOMENCLATURE / SUFFIX

Basic Model Number for Brushless DC fan is with four poles motor. Suffixes have the following significance:
-6/-8: Motor with six poles / Motor with eight poles | **A:** Motor protection by IC | **AS:** Motor protection by IC combined with a temperature sensor | **AM:** Motor protection by IC combined with an alarm | **AD:** Motor combination of AS and AM
B: Motor without automatic restart function | **M:** Motor protection by IC output | **AR:** Motor protection by IC with rotation detects waveform | **AF:** Motor protection by IC with frequency generation waveform | **OC:** Motor with low starting voltage
OCM: Motor with open collector type and low starting voltage