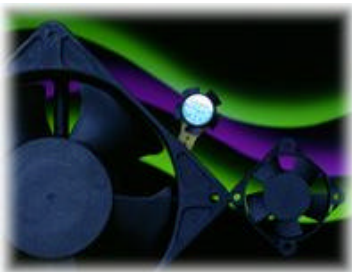


Slim DC Fan



The main function of DC brushless fan is to reduce the ambient temperature in operation. Sunon Slim DC fan design therefore become one of the accessory parts for the electrical and electronic products to prevent equipment or instrument from burning out under high temperature operation by providing temperature balance between inside and outside of the product, and therefore to keep the product in good condition. With a smaller hub/motor, Sunon slim DC Fan allows for larger fan blades and thereby contributes to increase of the air volume.

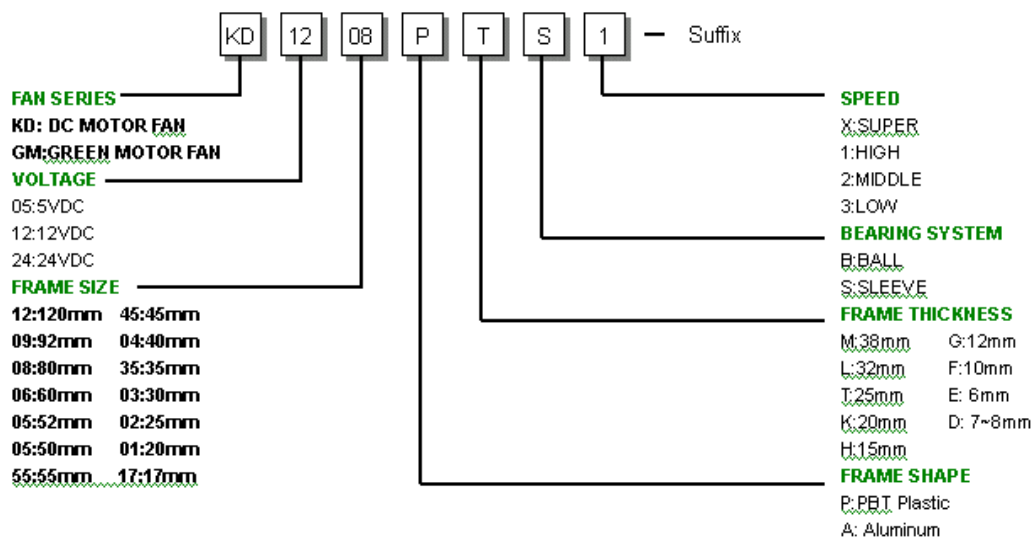
Applications:

Personal Computer, Work Station, Printer, CPU Cooler, Switch Power Supply, Networking System, Copying Machine, Fax Machine, Power Units, Enclosure Projector, Refrigerator, Air Cleaner, Air Heater, Test Instrument, Calibration 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(+)
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