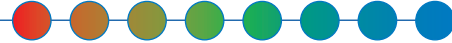
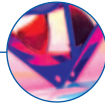


Model Numbering Scheme



AD 06 12 H X - A 7 3 GL Q - LF

AD: AD=DC Axial Fan; AB=DC Blower Fan;
AP=Chip Cooler; AQ=Waterproof Fan;
AW=CPU Cooler

06 DC Fan Size: 15=15mm; 20=20mm; 02=25mm;
03=30mm; 35=35mm; 04=40mm;
45=45mm; 50=50mm; 05=52mm;
06=60mm; 07=70mm; 08=80mm;
09=92mm; 12=120mm; 17=172mm

12 DC Voltage: 03=03VDC; 05=05VDC; 12=12VDC;
24=24VDC; 48=48VDC

H Speed: D=Ultra low; L=Low;
M=Medium; H=High;
U=Ultra high; X=Over ultra high;
V=Maximum high speed

X Bearing: X=Hypro bearing; B=Ball bearing;
S=Sleeve bearing; F=FDB

A DC: Thickness: A=25mm; B=28mm; C=20mm; D=15mm;
E=12mm; F=38mm; G=10mm; J=8mm;
L=14mm; H=13mm; P=18mm; K=6mm;
Q=7mm; R=9mm; T=11mm; Y=32mm;
Z=33mm; S=16mm; M=23mm; V=04mm

7 DC: Impeller number: 5=5 blades; 7=7 blades; 9=9 blades;
A=11 blades; B=13 blades; C=15 blades;
D=17 blades; E=19 blades; F=21 blades;
0=Blower blades shape

3 Motor protective circuit & Third lead wire:
0=by impedance 3=by IC with speed sensor(FG) 7=TWO speed A=VS+RD
1=by IC 4=by IC with variable speed sensor(VS) 8=VS+FG B=PWM+FG
2=by IC with alarm(RD) 6=by transistor with speed sensor(FG) 9=PWM control C=RD+FG

GL Fan type: GL=Low noise; GP=Great performance;
Blank=Standard; DS=Dynamic & Static

Q Q = IP-55 Water and Dust Resistant

LF LF = RoHS Compliance

DC FAN GENERAL SPECIFICATION

ELECTRIC STRENGTH

..5mA max at 1500VAC for 1 min between lead wire and frame

INSULATION RESISTANCE

.....10M ohm between lead wire and frame(DC 500V)

LIFE EXPECTANCY(BALL BEARING)

...50,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

LIFE EXPECTANCY(HYPRO BEARING)

..>40,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

LIFE EXPECTANCY (FDB)

..>60,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

OPERATION TEMPERATURE

.....-10 to+75 drgree c(+14 to+167 degree F),normal

.....-10 to 90 degree c(+14 to+194 degree F),specification

STORAGE TEMPERATURE

..-40 to 75 degree C(-40 to+167 degree F)

PROTECTION

...Motor protection and polarity protection

LEAD WIRE

.....UL1571AWG28,30

.....UL1007AWG24,26

.....UL1061AWG26

PLASTIC MATERIAL

.....Black PBT(UL 94v-0)glass filled

The technical characteristics given in this catalogue are standard plastic version,12VDC unless specified.