

# 1. CHARACTER KLD012PP050GSWH



| ITEM                | UNIT              | SPECIFICATIONS | CONDITION            |
|---------------------|-------------------|----------------|----------------------|
| DIMENSION           | mm                | 50x50x10       | L X W X Thickness    |
| BEARING             | -----             | SLEEVE         | -----                |
| RATED VOLTAGE       | VDC               | 12             | -----                |
| OPERATION VOLTAGE   | VDC               | 6-13.8         | AT 25°C              |
| INPUT CURRENT       | Amp               | 0.18+/-10%     | AT 25°C              |
| INPUT POWER         | Watt              | 2.16           | At rated Voltage     |
| RATED SPEED         | RPM               | 5500 +/-10%    | At rated Voltage     |
| AIRFLOW             | CFM               | 13.8 +/-10%    | in Free Air          |
| STATIC AIR PRESSURE | mm-H2O            | 3.5            | -----                |
| NOISE LEVEL         | dBA               | 33             | At rated speed       |
| INSULATION TYPE     | -----             | Class A        | -----                |
| ROTATION            | -----             | CLOCKWISE      | From Name Plate Side |
| OTHER FEATURES      | TACHOMETER OUTPUT |                | NO                   |
|                     | AUTO-RESTART      |                | NO                   |
|                     | WATER PROOF       |                | NO                   |
|                     | RD SIGNAL OUTPUT  |                | NO                   |
|                     | PWM CONTROL       |                | NO                   |
| LEAD WIRE           | UI1007 26# AWG    |                |                      |
|                     | BLACK WIRE        |                | NEGATIVE(-)          |
|                     | RED WIRE          |                | NEGATIVE(+)          |
|                     | YELLOW WIRE       |                |                      |
|                     | WHITE WIRE        |                |                      |
| CONNECTOR           | -----             |                |                      |
| LIFE EXPECTANCY     | HOURS             | 30000          | AT 25°C              |
| NET GRAM            | G                 | 20             |                      |
| PACKING             | PCS/CTN           | 1000           |                      |
| SAFETY APPROVAL     | CE                |                |                      |

## 2. Mechanical

|            |                                                                                                                                           |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| DIMENSIONS | SEE DIMENSION DRAWING                                                                                                                     |
| MOTOR      | FOUR POLE MOTOR                                                                                                                           |
| FRAME      | P.B.T. (PLASTIC MATERIAL UL94V-0)                                                                                                         |
| IMPELLER   | P.B.T. (PLASTIC MATERIAL UL94V-0)                                                                                                         |
| DROP TEST  | IN MINMUM PACKAGING CONDITION FAN WITHSTANDS EACH ONE DROP OF THREE FACES FROM 30 CM DISTANCE HEIGHT ONTO 10 MM THICKNEDD OF WOODEN BOARD |

## 3. ENVIRONMENTAL

|                       |                                                                                                                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OPERATING TEMPERATURE | -10 TO +70 DEGREE CENTIGRADE                                                                                                                                                                                                                                                    |
| STORAGE TEMPERATURE   | -40 TO +75 DEGREE CENTIGRADE                                                                                                                                                                                                                                                    |
| OPERATING HUMIDITY    | 5 TO 90% RH                                                                                                                                                                                                                                                                     |
| STORAGE HUMIDITY      | 5 TO 95% RH                                                                                                                                                                                                                                                                     |
| STORAGE               | PLEASE DO NOT STORE THE FAN IN THE ENVIRONMENT OF HIGH/LOW TEMPERATURE,HIGH HUMIDITY OR ANY DETRIMENATL GAS . PLEASE STORE THE FAN WITHIN 6 MONTHS, EVERY 6 MONTHS, THERE SHALL BE A LEAKAGE OF ELECTRIC CURRENT TO THE FAN, EVEN THOUGH THE FAN IS STORED IN ROOM TEMPERATURE. |

### NOTE:

#### A. RATED CURRENT:

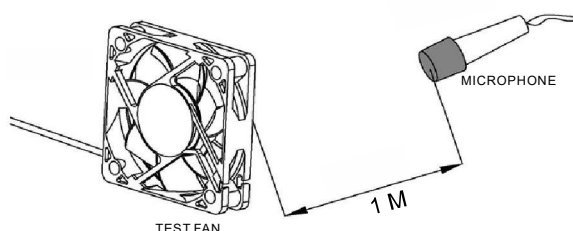
RATED CURRENT SHOULD BE MEASURED AFTER 30 MINUTES CONTINUOUS OPERATION AT RATED VOLTAGE.

#### B. RATED SPEED:

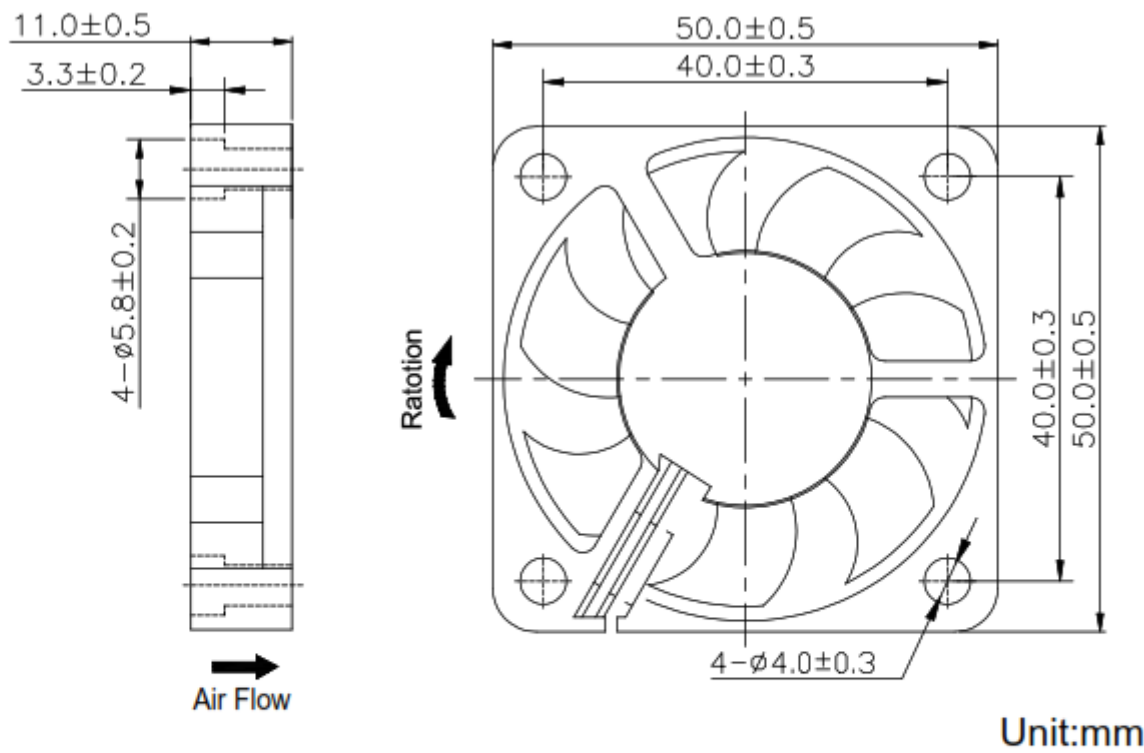
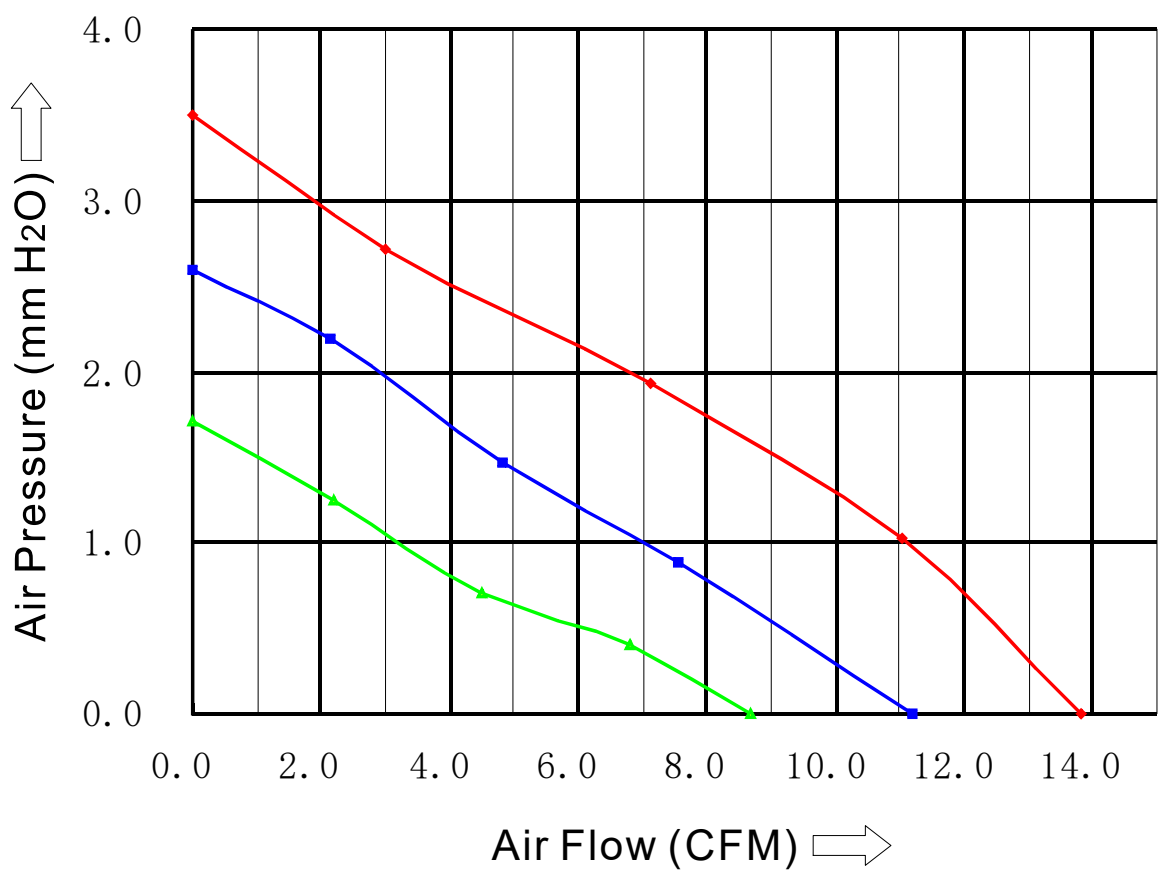
RATED SPEED SHOULD BE MEASURED AFTER 30 MINUTES CONTINUOUS ROTATION AT RATED VOLTAGE.

#### C. START VOLTAGE: THE VOLTAGE THAT ENABLE TO START THE FAN BY SUDDEN SWITCH ON.

#### D. NOISE LEVEL: NOISE IS MEASURED AT RATED VOLTAGE IN FREE AIR IN ANECHOIC CHAMBER SITH B &K SOUND LEVEL METER WITH MICROPHONE AT A DISTANCE OF ONE METER FROM THE FAN INTAKE.



5. Fan Performance Curve



NOTES:  
1. LEAD WIRE:  
2. THIS PRODUCT IS ROHS COMPLIANT