



# SUNTA MOTOR ELECTRIC LTD.

## MODEL NO. 6025AD-\*SERIES

**Size:** 60\*60\*25mm.

**Motor:** Brushless DC Motor

**Motor protected:** 1, Polarity + impedance. ( ZP )

**Frame(Houseing):** PBT + 30% fiber glass black color UL94-0

**Impeller:** PBT + 30% fiber glass. Black color, UL94V-0.

**Lead wire:** 1007#22AWG. UL/CSA.

**Insulation resistance:** Min.10M Ohm at 500 VDC between terminal and the frame.

**Dielectric Strength:** 1 min at 800 VAC.50/60 HZ between lead wire (+) and frame.

**Bearing type:** B: 2 ball bearing. Sleeve bearing S: one Sleeve bearing

**Operating Temp:** Ball bearing: within-20~80 degree C

Sleeve bearing: within-10~56 degree C

**Sleeve bearing:** within -10~56 degree C

**Life expectancy:** Ball bearing: 50,000 hours at 60 degree C.

Sleeve bearing: 20,000 hours at 45 degree C.

**Above measurements Tem. at:** Within 20~30 degree C.

**Above measurements humidity at:** 65%+-15%.

**Safety Approvals:** CE

**Net weight :**

**CONNECTOR:** L: lead wire



| MODEL NO.   | RATED   | RATED     | RATED | VOLTAGE   | MAX. AIR |     | MAX. AIR |         | NOISE |
|-------------|---------|-----------|-------|-----------|----------|-----|----------|---------|-------|
|             | VAC     | AMP       | RPM   | RATED VDC | FLOW     |     | PRESSURE |         |       |
|             |         | A         | RPM   | VAC       | CMM      | CFM | MM/AQ    | INCH/AQ | DBA   |
| 6025AD-HBPL | 115~230 | 0.11~0.07 | 4400  | 100~240   | 0.689    | 24  | 4.6      | 0.18    | 31    |
| 6025AD-HSPL |         |           |       |           |          |     |          |         |       |

Remark :

- The above specification data are for reference only, general data tolerance  $\pm 10\%$
- Ball Bearing types are 2 Ball Bearing
- Special design are requested available, please inform us now.
- Sunta reserves the right to change the data without notice.

