

# BALAJI ENGINEERING

9-A2,new no,26,sakthi nagar  
Near ramanuja nagar  
Uppilpalayam(post),Comibatore-641 015

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**BALAJI ENGINEERING** started its *Electric Motor* production in the year 1996 with the design & development section for developing new type of *Electric Motors and pumps*. Our Capability to design new type of *Electric Motor* according to the customer's needs, drawings and specifications to suit in their machine, leads us to stand best in the field.

About us

We **BALAJI ENGINEERING** started producing electric *Induction motors* in the year 1996. We are producing all kinds of standard Electric *Induction motors* from

## RANGE:

**0.25 HP to 3.00 HP** in Single Phase.

**0.25 HP to 20.00 HP** in Three Phase.

## SPEED:

**720 RPM, 960 RPM, 1440 RPM and 2880 RPM.**

In **FOOT, FLANGE & FOOT CUM** Flange models.

We are having design & development section for developing new type of *Induction motors* and continuously re-designing the standard motors for more efficiency.

Also, we are having motor testing setup to test the proto-type and regular production of *Induction motors*.

We are very capable of designing a new type of Electric *Induction motors* according to the customer's needs, drawings and specifications to suit the motors in their machine whether it its domestic (or) industrial.

## Features (Foot and Flange Motors)

- The *motors* are build with iron body frame and end covers are made out of graded grey iron castings to with stand shocks and climatic conditions.
- The Wires used to wind the *motor* coils are polyester base insulated copper wire. The wound stators are impregnated with synthetic resins, windings are tested on high voltage tester and available in class B insulation (Class F insulation are also available on request).
- Terminal box rotation in steps of 90 degree through 360 degree easy installation.
- All the *motors* are made to withstand vibration and climatic conditions
- Excellent after sales service to keep your electric motors in peak conditions.

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## Special Motors

**We Balaji Engineering are very capable of producing *electric induction motors* for the domestic appliances and machinery manufacturer's needs. We also Manufacturers of *Electric Brake Motors*.**

Motor Speeds	: 2 Pole, 4 pole and 6 Pole
Motor type	: 1 PHASE: CSR, CSIR, CSCR.
Voltage	: 214v, 415v
Frequency	: 50 Hz
PHASE	: 1 PHASE & 3 PHASE
Ins.Class	: B, F
DUTY	: Continuous and intermittent
TYPE	: Totally enclosed fan cooled and others.

Along and combine with this we can provide **Hollow shaft, Extended shaft, Geared shaft and others** after customer specification.

## Special Purpose

### Standard Motors :

1. 0.25 H.P to 3.00 H.P in Single Phase.
2. 0.25 H.P to 20.00 H.P in Three Phase.

### Brake Motors

Pneumatic and Electromagnetic Break Motors for hoist and Textile Machineries

### Textile Motors

0.5 HP to 10 HP, 960 R.P.M 3 Phase Loom Motors

Cone Winding Motors : 2,3,5 HP / 1440 R.P.M / 3 Phase Foot Mounting Motors

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Reeling Motors	: 0.5 HP, 0.75 HP / 960 R.P.M / 3 Phase Foot Mount with and without Breaks
Over head cleaner Motors	: 3 HP / 2880 R.P.M / 3 Phase Flange Mounting Motors

## **CUSTOM MADE MOTORS:**

We also manufacture motors based on customer needs, specifications nature of applications with good quality and better efficiency .

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## **Address:**

### **BALAJI ENGINEERING (UNIT – I)**

9A-2, New No:26/1, Sakthi Nagar,  
Near Ramanuja Nagar,

Uppilipalayam Post,

Coimbatore-641015.

### **BALAJI ENGINEERING (UNIT - II)**

68, Kasthurisamy Naidu Layout,  
Lakshmipuram,

Peelamedu,

Coimbatore-641004.

**E-Mail: [balajiangineering1@yahoo.com](mailto:balajiangineering1@yahoo.com)**

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