

# High Performance Special and Custom Built Electric Motors

- Torque Motors
- Stall Torque Motors
- PM generators
- Permanent Magnet Servo Motors
- Gearless Elevator Motors
- Synchronous Motors
- Special Motors
- High Torque Low Speed Motors
- AC Servo Motors



Over 40 Years Experience in Design, Development and Production of Special and Custom Built Electric Motors for a Various Industrial Applications.

## Synchronous Motors



**Application:** Glass making machinery, Spinning metering pump, for feed roll and friction Roll, Upper and lower Godet, POY/PSF etc

### Type and Range

#### Reluctance Synchronous Motor

**Range:**

0.09 KW to 7.5 KW in 4 pole, 6 pole & 8 pole construction, foot / Flange mounted

#### Permanent Magnet Synchronous Motor

**Range:**

0.09 KW to 11 KW in 4 pole and 6 pole construction, Foot/Flange mounted



## Torque Motors

### Stall Torque Motors

For cable reeling Drum Range 2.0 Nm - 42 Nm

### Torque Motors (Winding)

**Applications**

For winding of HDPE Tapes, Monofilament-yarns, All types of extruded plastic films Rubberised, Fabrics, textiles, Strips of Copper, Mild Steel, Paper Covered Conductors (Round & Strip), S.S.Wires / M.S. Wires/ copper wires in Wire Enamelling Machines, Wire Strnding & Bunching Machines, Wire Drawing Spooling Machines



**Type and Range**

**Three Phase:** 3 Kg-cm (0.03 Kg-m) to 750Kg-cm (7.5 Kg-m)

**Single Phase:** 0.7 Kg-cm to 35 Kg-cm. 500 RPM to 3000 RPM (12 pole to 2 pole)

## Gearless Elevator Motors



### Ascent Series

**Applications:** Gearless Elevators

**Type and Range**

Home Lift Series  
Commercial Series

**Range:**

4,6,8,10 and 13 passenger models



## High Torque Low Speed Motors - PMSM

**Applications:** Pharmaceutical machinery - Rapid Mixer Granulator, Tablet press, Extruders, Packing machines, Roller compactors, injection moulding screws

**Type and Range:**  
Standard and Custom built

**Range:**  
250 - 7500 Nm in hollow shaft /solid shaft design, air/water cooled



## Permanent Magnet Brushless AC Servo Motors

**Applications:** Plastic Machinery, Printing Machinery, Textile Machinery, Packaging Machinery etc.

**Frame Size:**  
90, 112, 132, 160

**Range:**  
Upto 240 Nm 3000 RPM



## Permanent Magnet Generators

**Applications :** Wind, Hydro, Educational etc.

**Type and Range:**  
Standard and Custom built

**Range:**  
Upto 100 KW



## Special / Custom Motors

**Applications:** Nuclear reactors, Irrigation dam gates, Import substitutes, stainless steel motors etc.

**Type and Range:**  
Energy efficient  
CE marked  
Stainless steel Motors

**Range :**  
As per client requirement





mark elektriKS

## Mark ElektriKS

Has been in the business of designing and manufacturing Special Purpose Electric motors for the last four decades and is a company driven by passion for innovation, kaizen & quality.

Mark ElektriKS is leading manufacturer of Special Purpose Electric Motors in India and has been recognized as a pioneer in the development of Torque Motors, Stall Torque Motors, Reluctance & Permanent Magnet Synchronous Motors, BLDC, AC Servo Motors, High Efficiency AC Motors, Motors for Nuclear Power Plants, High Torque PM Synchronous motors for Elevator & Pharmaceutical Industry.

The company is in Pune with two manufacturing plants located at Gultekdi and Velu. The manufacturing & testing facility are equipped with the latest Automatic Machining centers and testing equipments and the design and development is done inhouse. Mark ElektriKS has been a follower of good business practices and has been accredited ISO 9001:2015 Certification by TUV India.

### **Mark ElektriKS**

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