

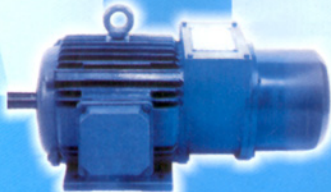
# M D O R T & I O V R E S S

## Special Purpose & Custom Built Electric Motors

- Custom built Three Phase A. C. Motors
- Custom Built Direct current motors
- ONE to ONE replacement for non-standard motors, import substitute motors
- For use in Textile, Material Handling, Cement, Yarn Wire drawing & Enamelling Glass making, Synthetic fibre, Plastic, Cable, Power generation, Irrigation, Ports, Railways, Steel Plants.



**mark elektriks**



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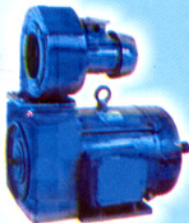
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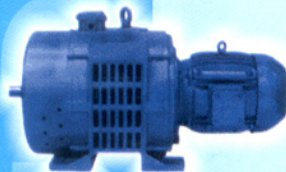
## LAMINATED YOKE WOUND FIELD D. C. MOTORS

With compensating windings  
Frames 90 to 160  
Class 'F' Insulation  
Screen Protected & Force Ventilated  
0.37 KW to 22 KW



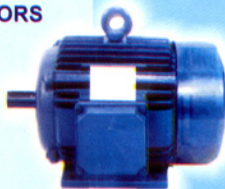
## EDDY CURRENT ADJUSTABLE SPEED DRIVES (AIR COOLED BRUSHLESS)

- A) Eddy Current Coupling
  - i. Integral Drives with primemover motor
  - ii. Modular Clutch without primemover motor  
Rating 0.37 KW to 7.5 KW
- B) Eddy Current Brakes (Air Cooled Brushless)
- C) Combination of A & B



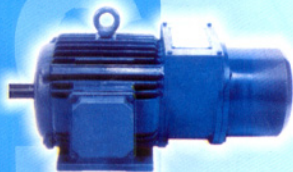
## THREE PHASE SYNCHRONOUS MOTORS

- i) Permanent Magnet (Rare Earth)  
TEFC Frames 80 to 160  
Ratings 0.09 KW to 11 KW, 2/4/6 Poles
- ii) Reluctance Synchronous  
TEFC Frames 80 to 160  
Ratings 0.09 KW to 7.5 KW, 4/6/8 Poles



## TORQUE MOTORS

- i) Winding Applications IEC Frames 63 to 180  
Torque Ratings 1.0 Kg-cm to 10 Kg-Meter 2/4/6/8/12 pole designs. Two speed motors available.
- ii) Stall Torque Motors for Cable Reeling Drums
  - a) Squirrel Cage Torque rating 2 Nm to 28 Nm (0.2 Kg-m to 2.8 Kg-m).  
12 Pole design with fail safe electro magnetic brake.
  - b) Slip Ring Type torque rating rating 5 Nm to 28 Nm (0.5 Kg-m to 2.8 Kg-m).  
4 Pole design with fail safe Electro Magnetic Brake



## OTHER PRODUCTS

- Special Purpose AC motors for Nuclear Power plants
- Eddy current coupling with Brake for Narmada Dam radial gates
- DC Tachogenerators
- PMDC motors

