



Designed & Manufactured By :

alfa electricals An ISO 9001:2008 Certified Co.

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Pole Changing Motor :

The Pole Changing Motor is a very good demonstration equipment for student to understand the effect of polarity on speed of rotating machines.

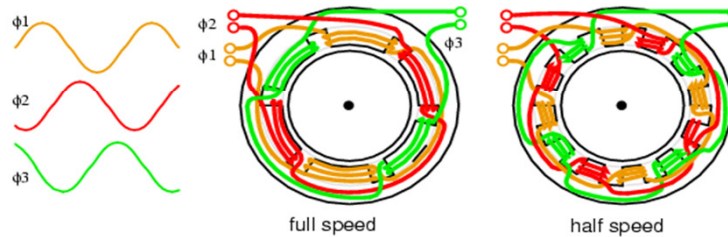
The system is supplied along with Control Panel & Three Phase AC Induction Motor mounted on heavy duty 'C' Chanel base Structure and anti-vibration pads. The Unique desing of Control Panel with demonstrative MMIC Diagram helps students to do connections and experiments themselves. All the winding coil ends brought our on saperate demonstrative board with banana terminals helps students to change the no. poles can do experiments themselves.

$$N = \frac{120 f}{P}$$

Where N = Synchronous speed

f = Frequency

P = Number of poles



Powder Coated Panel Structure, fabricated from high quality 16/18 SWG M S Sheet with in-built storage facility. Cost-Effective Table Top Panel, Customized & Tailor made design is also available as per specific requirement of the Customer.

Specifications :

Motor : TEFC Foot Mounted

Type : Three Phase Squirrel Cage Induction type

Ratings : 2 HP to 5 HP

Voltage : 110/220/440V, 50 Hz

No. of Poles : 2/4/6/8/12

Insulation Class : B / F



Features :

100 % Copper Windings

Armature Stampings made from electrical grade Silicon Steel

Dynamically Balanced skewed Rotor for Noise & Vibration free operations

Constand & Uniform Pressure Carbon Brush Holders - Lesser Sparking

Heavy duty 'C' chanel base structure with Anti-Vibration Pad

Easy Installation and Portability - No Civil Work or foundation required

Choice for Digital or Analog Meters