A single phase motor which has the stator winding arranged for direct connection to a source of power and the rotor winding connected to commutator.

Repulsion motor

A single-phase motor ranging in fractional horsepower in size and is used to operate such devices as washing machines, oil burner and small pump.

Split-phase motor

A single phase motor ranging in size approximately 1/4 hp. to 1/10 hp.

Capacitor motor

A capacitor motor using different values of effective capacitance for starting and running condition

two-value-capacitor motor

Three phase motor have their phases arrangement connection one in which end of each phase is connected to the beginning of the next phase . at each connection a wire is brought outside to the line.

Delta connection

A capacitor motor whose capacitor phase on the circuit only during starting period.

Capacitor-start motor

A single-phase motor with a main winding arranged for direct connection to a source of power an and auxiliary winding connected in series with capacitor.

Capacitor motor

A single voltage non-reversible capacitor motor has____ terminal leads brought outside?

2 leads

To run the dual voltage capacitor motor at counter clockwise rotation low voltage operation which of the circuit connection is correct?

T1, T3 and T8 are connected to L1 and T2, T4 & T5 are connected to L2

A single phase motor varying in size from approximately 1 / 100 hp. to 1 / 20 hp.

shaded pole motor

It is made up of a high grade electrical steel sheet called lamination.

Core

If the motor is to be operated at 230 volts two section of the running winding are connected in

Series

A winding of heavy copper bars which are placed in the slots of the core and are connected to each other by means of heavy copper rings located on both end of the core.

Squirrel cage winding

To operate wye-delta motor at wye operation which of the circuit connection is correct

T1 , T2 & T3 are connected to the Line and T4, T5 & T6 are joined together

A winding of a heavy insulated copper wire, which is generally located at the bottom of the stator slots.

Running winding

This motor has four leads brought outside, two from the running winding and two from the starting winding.

Single voltage reversible motor

A capacitor made with paper that has been impregnated with oil and inserted in container that is filled of oil.

Oil-filled capacitor

A device that disconnect the starting winding from the circuit when the motor reach at predetermined speed.

Centrifugal switch

The two voltage reversible capacitor motor has_____ terminal leads brought outside the motor?

4 leads

A single voltage reversible capacitor motor has_____ terminal leads brought outside?

4 leads

Fastened to the stator frame by means of screws or bolts and serve mainly to keep the rotor in position.

Endplates

When the motor is dual voltage reversible capacitor motor and to be operated at high voltage operation counter clockwise rotation which of the following circuit connection is correct?

T1 is connected to L1, Joint together T2, t3 AND t8 AND t4 & t5 ARE CONNECTED TO l2

Rotating part of split-phase motor

Rotor

To operate a single voltage reversible split-phase motor at counter clockwise rotation. Which of the options below is correct?

T1 & T8 is connected to L1

Three phase motor have their phases arrangement connection one in which the ends of each phase joined together and the beginning of each phase connected to the line.

Star (wye) connection

To run the single voltage reversible-split phase motor at clockwise rotation which of the circuit connection is correct?

T1 & T5 are connected to L1 and T4 & T8 are connected to L2

Stationary part of Split phase motor

Stator

A capacitor motor using the same value of capacitance for starting and running condition.

Permanent -split capacitor motor

An induction motor which can be operated in two phase and three phase operation.

Polyphase motor

A motor which can be operated on either direct current or alternating current at approximately the same speed.

Universal motor