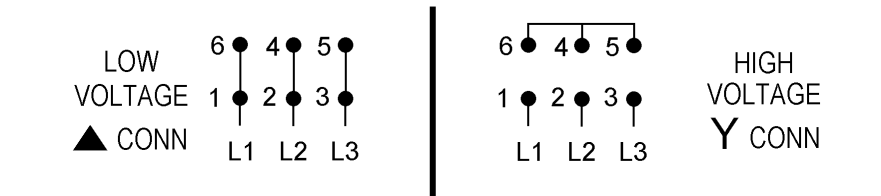




Motor Wiring Diagram 6 Lead, 1.73 to 1 Ratio Dual Voltage or WYE Start - Delta Run on Low Volts



1.73 TO 1 VOLTAGE RATIO: CONNECT FOR HIGH VOLTS ON Y AND LOW VOLTS ON ▲. MOTOR ALSO SUITABLE FOR Y START, ▲ RUN AT THE LOWER VOLTAGE.

EACH LEAD MAY CONSIST OF ONE OR MORE CABLES HAVING THE SAME LEAD NUMBER.

In a 1.73 to 1 ratio, dual voltage application, this motor is operated on the WYE connection for high volts or on the DELTA connection for low volts.

It may also be used as a WYE Start - DELTA Run motor on low volts only.

Per NEMA MG1 1998-1.76, "A Wye Start, Delta Run motor is one arranged for starting by connecting to the supply with the primary winding initially connected in wye, then reconnected in delta for running condition." This is accomplished by a special Wye-Delta starter configuration using six leads from the motor and is intended to limit the inrush current required to start the motor. Damage will occur if the motor is operated with load for more than 30 seconds on the Wye without transition to Delta.

To reverse direction of rotation, interchange leads L1 & L2.

Each lead may have one or more cables comprising that lead. In such case, each cable will be marked with the appropriate lead number.