

# 3 Phase AC Winding Test

Measurements to ground MUST be made with a megger.  
Phase-to-phase measurements MUST be made with a milliohm meter, NOT a multi-meter.  
These are industry standard labels and connections. Please call if the motor you are testing appears different.

*ALL Leads disconnected*

## 3 Lead Stator

### MEGGER TEST

### MILLIOHM METER TEST

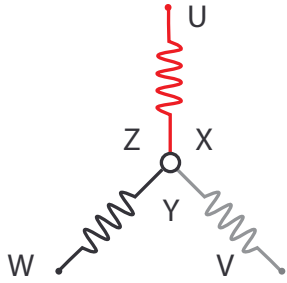
U, V, OR W TO  $\equiv$  = \_\_\_\_\_ M.Ω

U-V \_\_\_\_\_ m.Ω

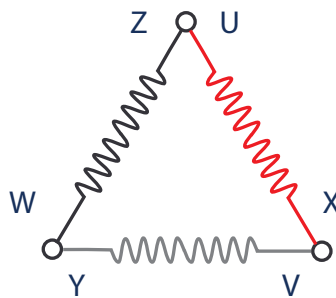
U-W \_\_\_\_\_ m.Ω

V-W \_\_\_\_\_ m.Ω

## 6 Lead Stator



LO SPEED



HI SPEED

Leave all leads open and measure:

U TO  $\equiv$  = \_\_\_\_\_ M.Ω

U-X \_\_\_\_\_ m.Ω

V TO  $\equiv$  = \_\_\_\_\_ M.Ω

V-Y \_\_\_\_\_ m.Ω

W TO  $\equiv$  = \_\_\_\_\_ M.Ω

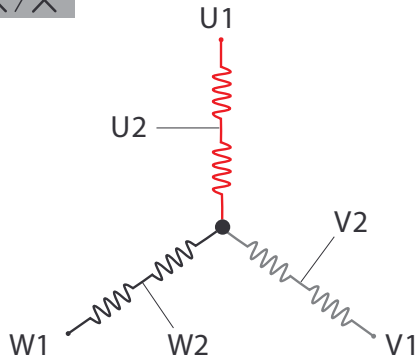
W-Z \_\_\_\_\_ m.Ω

U TO V = \_\_\_\_\_ M.Ω

V TO W = \_\_\_\_\_ M.Ω

U TO W = \_\_\_\_\_ M.Ω

## 6 Lead Stator



U1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

**LO**  
U1-V1 \_\_\_\_\_ m.Ω

U1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

U1-W1 \_\_\_\_\_ m.Ω

V1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

V1-W1 \_\_\_\_\_ m.Ω

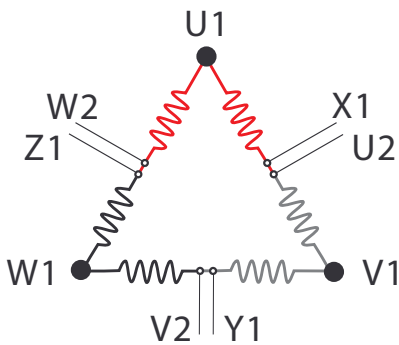
W1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

**HI**  
U2-V2 \_\_\_\_\_ m.Ω

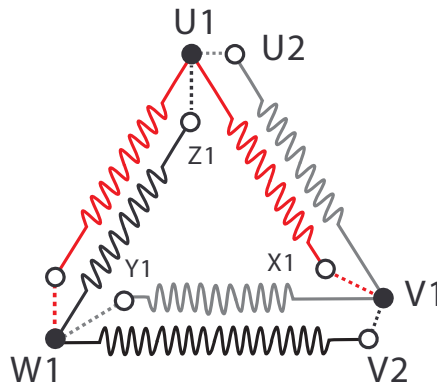
U2-W2 \_\_\_\_\_ m.Ω

V2-W2 \_\_\_\_\_ m.Ω

## 9 Lead Stator



LO SPEED



HI SPEED

U1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

W2-X1 \_\_\_\_\_ m.Ω

V1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

U2-Y1 \_\_\_\_\_ m.Ω

W1 TO  $\equiv$  = \_\_\_\_\_ M.Ω

V2-Z1 \_\_\_\_\_ m.Ω

U1 TO V1 = \_\_\_\_\_ M.Ω

V1 TO W1 = \_\_\_\_\_ M.Ω

U1 TO W1 = \_\_\_\_\_ M.Ω