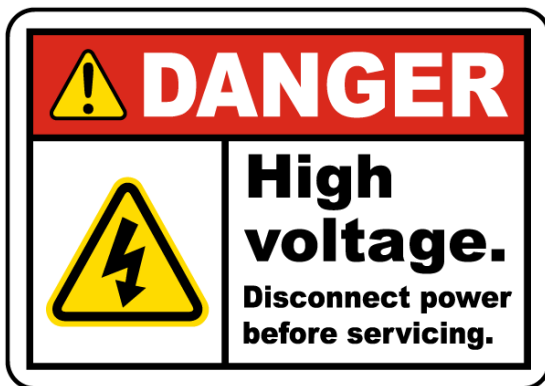




6" FRANKLIN ELECTRIC 1 PHASE SUBMERSIBLE MOTOR SPECIFICATIONS & TESTING PARAMETERS

HORSEPOWER MOTOR DIA. MAKE & RPM	VOLTS	PHASE	Hz	SERVICE FACTOR	FULL LOAD AMPS	MAX LOAD AMPS	LINE to LINE RESISTANCE IN OHMS	LOCKED ROTOR AMPS
5 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 23 B 14.3 R 10.8 G-Ground	W/Y 27.5 B 17.4 R 10.5 G-Ground	W/Y to B MAIN 0.55 - 0.68 W/Y to R START 1.3-1.7	99.0
7.5 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 36.5 B 34.4 R 5.5 G-Ground	W/Y 42.1 B 40.5 R 5.4 G-Ground	W/Y to B MAIN 0.36 - 0.50 W/Y to R START 0.88 - 1.1	165.0
10 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 44 B 39.5 R 9.3 G-Ground	W/Y 51 B 47.5 R 8.9 G-Ground	W/Y to B MAIN 0.27 - 0.33 W/Y to R START 0.80-0.99	204.0
15 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 62 B 52.0 R 17.5 G-Ground	W/Y 75 B 62.5 R 16.9 G-Ground	W/Y to B MAIN 0.17 - 0.22 W/Y to R START 0.68 - 0.93	303.0



IMPORTANT

- DO NOT** test Winding resistance with the motor connected to the Control Box.
- Test the Windings Line to Line Resistance by using a Multimeter or Ohmmeter to measure Ohms (Resistance) between the wires.
- Ohms (Resistance) measured between any combination of wires should be a similar value.
White/Yellow to Black = Main Windings
White/Yellow to Red = Start Windings
- A bound pump will cause locked rotor amps and over-current fault/shut down. Check for obstructions in the pump and/or the amps on the Black wire at start-up.