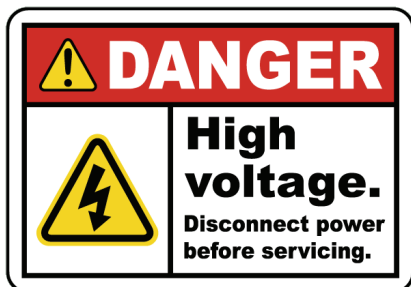




8" SAER MOTORS 3 PHASE SUBMERSIBLE MOTOR SPECIFICATIONS & TESTING PARAMETERS

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
20 HP 8" SAER 1800 RPM	230V	3 PH	60 Hz	1.15	58.0	66.7	0.10 - 0.30	N/A
	460V				28.0	32.0	0.90 - 1.1	N/A
25 HP 8" SAER 1800 RPM	230V	3 PH	60 Hz	1.15	70.0	80.5	0.22 - 0.26	N/A
	460V				34.0	40.0	0.87 - 1.07	N/A
30 HP 8" SAER 1800 RPM	230V	3 PH	60 Hz	1.15	80.0	92.0	0.13 - 0.33	N/A
	460V				40.0	45.0	0.70 - 0.90	N/A
40 HP 8" SAER 1800 RPM	460V	3 PH	60 Hz	1.15	53.0	60.0	0.50 - 0.70	N/A
50 HP 8" SAER 1800 RPM	460V	3 PH	60Hz	1.15	67.0	74.0	0.13 - 0.33	N/A
60 HP 8" SAER 1800 RPM	460V	3 PH	60 Hz	1.15	79.0	88.0	0.23 - 0.43	N/A



IMPORTANT

- DO NOT** test Winding resistance with the motor connected to the Control Box or Variable Frequency Drive (VFD).
- Test the windings by using a Multimeter or Ohmmeter to measure Ohms (Resistance) between Yellow or White to Red, Yellow or White to Black, and Red to Black.
- Resistance measured between any combination of wires should be a similar value.
- 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.