

**TECHNICAL DATA****LX SERIES****100LX622**

STANCOR

Dwg: DS-A15-061 Rev: 1 Date: 05/15

**MOTOR SPECIFICATIONS**

Motor Design	Induction
Motor Type	Enclosed submersible
Insulation Class	Class F
Motor Protection	Bi-metallic Thermal Switch
Bi-Metallic Temp Trip	140° C
Service Factor	1.0
Voltage Tolerance	± 10% from nominal

**MOTOR DATA, 60Hz**

Model	Phase	Output Power BHP	Volts	Full Load Amps	Locked Rotor Amps	NEMA Code Letter	Power Factor 100% Load	Motor Efficiency 100% Load	Pole/Speed (rpm)
100LX622	3	30.0	230	73.2	366	E	0.855	0.897	4/1800
	3	30.0	460	36.6	183	E	0.8749	0.8663	4/1800

**MATERIALS OF CONSTRUCTION**

Upper Motor Lid	Cast Iron (FC-200)
Motor Housing	Cast Iron (FC-200)
Oil Chamber	Cast Iron (FC-200)
Volute	Cast Iron (FC-200)
External Hardware	AISI 304 Stainless Steel
O-Rings	NBR
Motor Shaft	Stainless Steel (403)
Upper Bearing	Single Row Sealed
Lower Bearing(s)	Double Row Sealed
Upper Shaft Seal	CA/CE
Lower Shaft Seal	SIC/SIC
Impeller	Cast Iron (FC-200)

**DIMENSIONS, WEIGHT, AND MISC.**

Pump weight	465lbs (211kg)
Maximum submergence	26 feet (8m)
Discharge size, standard	4" Class 125 F.F.
Maximum temp. of pumped fluid	104°F (40°C)

**CABLE SPECIFICATIONS**

MODEL	PHASE/VOLTAGE	POWER CABLE	DATA CABLE	LENGTH	OUTER JACKET
100LX622	3Ø-230V	SHHVCT 4G14 SHHVCT 3G14	VCT 4G1.25	33 feet (10m)	2PNCT
	3Ø-460V	SHHVCT 4G14 SHHVCT 3G14	VCT 4G1.25	33 feet (10m)	2PNCT

Power cable suitable for all standard voltages listed in "MOTOR DATA" section.

Specifications subject to change without notice