

**TECHNICAL DATA****LX SERIES****100LX615**

STANCOR

Dwg: DS-A15-056 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)
100LX615	3	20.0	230	55.6	278	F	0.853	0.82	4/1800
	3	20.0	460	27.3	136.5	F	0.868	0.7927	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	352lbs (160kg)
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
100LX615	3Ø-230V	SHHVCT 4G5.5 SHHVCT 3G5.5	VCT 4G1.25	33 feet (10m)	SHHVC/VCT
	3Ø-460V	SHHVCT 4G5.5 SHHVCT 3G5.5	VCT 4G1.25	33 feet (10m)	SHHVC/VCT

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

Specifications subject to change without notice