

**TECHNICAL DATA****LX SERIES****100LX65.5**

STANCOR

Dwg: DS-A15-041 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)
100LX65.5	3	7.5	230	23.2	116	G	0.83	0.737	4/1800
	3	7.5	460	11.5	57.5	G	0.8413	0.7113	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	236lbs (107kg)
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
100LX65.5	3Ø-230V	SHHVC 3G3.5 SHHVC 4G3.5	VCT 4G1.25	33 feet (10m)	SHHVC/VCT
	3Ø-460V	SHHVC 3G3.5 SHHVC 4G3.5	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