

**TECHNICAL DATA****LX SERIES****80LX62.2**

STANCOR

Dwg: DS-A15-001 Rev: 1 Date: 05/15

**MOTOR SPECIFICATIONS**

<b>Motor Design</b>	Induction
<b>Motor Type</b>	Enclosed submersible
<b>Insulation Class</b>	Class F
<b>Motor Protection</b>	Bi-metallic Thermal Switch
<b>Bi-Metallic Temp Trip</b>	140° C
<b>Service Factor</b>	1.0
<b>Voltage Tolerance</b>	± 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)
80LX62.2	3	3.0	230	10	50	H	0.863	0.65	4/1800
	3	3.0	460	4.9	24.5	H	0.8626	0.6468	4/1800

**MATERIALS OF CONSTRUCTION**

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

**DIMENSIONS, WEIGHT, AND MISC.**

<b>Pump weight</b>	165lbs (75kg)
<b>Maximum submergence</b>	26 feet (8m)
<b>Discharge size, standard</b>	3" class 125 F.F.
<b>Maximum temp. of pumped fluid</b>	104°F (40°C)

**CABLE SPECIFICATIONS**

MODEL	PHASE/VOLTAGE	POWER CABLE	DATA CABLE	LENGTH	OUTER JACKET
80LX62.2	3Ø-230V	2X SHHVC 4G2.0	VCT 3G1.25	33 feet (10m)	SHHVC/VCT
	3Ø-460V	2X SHHVC 4G2.0	VCT 3G1.25	33 feet (10m)	SHHVC/VCT

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

Specifications subject to change without notice