

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)
80LX622	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	461lbs (209kg)
Maximum submergence	26 feet (8m)
Discharge size, standard	3" 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
80LX622	3Ø-230V	SHHVCT 3G14 SHHVCT 4G14	VCT 4G1.25	33 feet (10m)	2PNCT
	3Ø-460V	SHHVCT 3G14 SHHVCT 4G14	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

Stancor Model 80LX622
Individual Performance Curve

