Liberty Pumps[®]

X-Series[™]

XLSGX200-Series



Patent: See www.libertypumps.com/patents

Year Warrantu

2 hp 1-1/4" Discharge

Explosion-proof 2-Stage High-Head Grinder Pump for Hazardous Locations

> Class 1, Division 1, Groups C, D T4 Class 1, Zone 1, Group IIA, IIB T4

For sewage applications where hazardous location ratings are required.
Applications include groups of homes, commercial buildings, schools, lakefront development, and systems requiring high pressure sewage pumping.

Features:

 Patented V-Slice® Cutter Technology provides unmatched shredding performance of wipes, disposable cleaning pads, rags and other difficult solids.

• 440 hardened stainless steel cutter and plate

Stainless steel impellers

 Dual mechanical seals – silicon carbide with Viton® elastomers

Seal Fail Sensor

1-1/2" threads provided at power cords for optional conduit connection

For use with ISS and ISD-Series (intrinsically safe) panels.

Consult factory for proper panel sizing

innovate. evolve.



XLSGX200-Series TECHNICAL SPECIFICATIONS



CONSTRUCTION:

Pump and Motor Housing: Heavy cast iron - Class 30

Impeller: Twin-Stainless Steel

Motor: Submersible type, oil-filled, hermetically

sealed

Shaft: 300 Series Stainless Steel

Bearings: Ball bearings upper and lower

Thermal Protection: Single phase models use integrated thermal protection with automatic reset; 3 phase models require overload relays in the pump control panel

Capacitor: Single phase pumps require start and run capacitors as well as a start relay

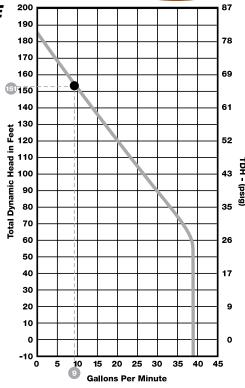
Shaft Seal: Dual mechanical seals – silicon carbide with Viton® elastomers

Seal Fail Sensor: Integral moisture sensing probe (functionality requires indicator in panel — see ISS or ISD-series panels)

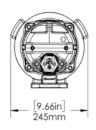
Maximum Fluid Temperature:

104° F (40° C) Continuous duty rated

PERFORMANCE CURVE 60 Hz. 3450 RPM



DIMENSIONAL DATA



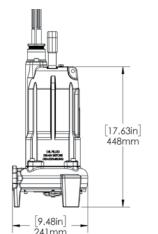
1-1/4" FNPT—	[22.06in] 560mm
3.63in]	

XLSGX200-Series										
MODEL	HP	Volts	Ph	Hz	Amps	Locked Rotor Amps	Capacitor Kit	Discharge	Wgt	
XLSGX208M	2	200	1	60	20	66.5	K001640	1-1/4"	127	
XLSGX202M	2	230	1	60	20	64.3	K001641	1-1/4"	127	
XLSGX203M	2	200/230	3	60	13.5	39.2	N/A	1-1/4"	127	
XLSGX204M	2	460	3	60	6.7	19.6	N/A	1-1/4"	127	
XLSGX205M	2	575	3	60	5.3	16.3	N/A	1-1/4"	127	

Power cord length is available in 25, 35 and 50 foot lengths. Cord length is designated by the suffix -2, -3, or -5 for the various lengths, e.g. XSLGX203M-3 for 35' cord.

All X-Series grinders require the use of Liberty ISS or ISD control panels. Please contact the factory for assistance in panel selection.

Capacitor kit includes: Run cap, start cap, start relay.





GR20NS non-sparking guide rail for hazardous location installations (sold separately).

Meets FM Standards





Specifications are subject to change without notice.