

## SUBMERSIBLE 2 - Stage Grinder Pump

### LSGX202M-3M (1 phase) LSGX204M-3E (3 phase)

High head sewage grinder pumps  
For Pressurised Sewer Systems



## APPLICATION

For pressurised domestic sewage and wastewater systems  
Advanced V-Slice cutter and Multivane impeller improves capability to handle shred able foreign objects in waste.

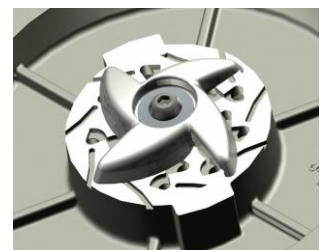
Shut-off head 45 metres

## DESIGN FEATURES

- V – Slice ® cutter technology
- One piece uni-body casting
- Dual Stainless steel impellers
- 300 Series Stainless steel rotor shaft
- Clog free volute design
- Upper and lower ball bearings
- Dual seals
- Heavy duty oil filled motor
- Flanged connecting elbow 32mm (G90-BSP) available for both models
- Pumps are supplied with separate float and control panel
- Warranty 1 year parts and labour

## V-SLICE TECHNOLOGY

Superior cutting system provides improved shredder performance over radial cutters. V pattern provides up to 108 alternative cuts per revolution. Entire cutting system made of 440 stainless steel hardened to 58Rc.



## TECHNICAL DATA

Model	Motor kW	Volt / Phase	Discharge	RPM	Full Load current
LSGX202M-3E	1.5	230v / 1 Ph	32mm G90 BSP	2875	11.4 amps
LSGX204M-3E	1.5	400v / 3 Ph	32mm G90 BSP	2875	5.0 amps

## SPECIFICATIONS / DIMENSIONS

Model	Height	Max Width	Certification	Weight (Kg)	Cable(M)
LSGX202M-3E	499	242	CE, CSA, NSF/ANSI 46	40	10
LSGX204M-3E	499	242	CE	40	10

## MINIMUM SUMP DIMENSIONS

Model	Height (mm)	Width (mm)	Length (mm)
LSGX202M-3E	1000	1000	1000
LSGX204M-3E	1000	1000	1000

## MATERIALS

Handle	Stainless steel with rubber over-mould grip
Oil	ISO VG32
Motor Housing	Cast iron Class 25
Volute Housing	Cast iron Class 25
Rotor Shaft	300-series stainless steel
Seal Upper	Silicon carbide/Silicon carbide
Seal Lower	*Viton double lip
Cutter Plate	440 Stainless steel hardened to Rockwell 58c
Cutter Blade	440 Stainless steel hardened to Rockwell 58c
Impellers (2)	300-series stainless steel
Upper Bearing	Single row ball
Lower Bearing	Single row ball (angular contact)
Fasteners	300-series stainless steel (all)
Lift out Clasp	300-series stainless steel
Exterior coating	Powder coated – all cast iron parts

### LSGX202M-3E / LSGX204M-3E

