

Specifications LSC-Series

FEATURES

1. Vortex type, urethane rubber impeller with replaceable / adjustable suction cover and built-in check valve allows for residual water removal down to 1mm.
2. Double inside mechanical seals with silicon carbide faces (both top and bottom) running in an oil filled chamber and further protected by a lip seal running against a replaceable, 304 (ENX5CrNi18-10) stainless steel shaft sleeve provide for the most durable seal design available.
3. Highly efficient, continuous duty air filled copper wound motor with class E insulation minimizes the cost of operation.
4. Built in thermal protection prevents motor failure due to overloading or accidental run-dry conditions.
5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60.000 hours provide for extended operational life.
6. Top discharge, flow-through design enables operation at low water levels for extended periods.

APPLICATIONS

1. Residential, commercial, industrial residual drainage
2. Basement sump pump (does not require a sump)



SPECIFICATIONS

Discharge Size.....	25mm
Power output range.....	0,48kW
Performance range.....	0,02m ³ /min - 0,185m ³ /min 1,5m - 10m
Maximum water temperature...	40°C
Materials of construction	
Impeller.....	Urethane rubber
Casing.....	Ethylene propylene rubber
Suction cover.....	Steel plate + Urethane rubber
Motor frame.....	Aluminium die casting
Outer cover.....	Steel sheet
Shaft.....	Stainless steel SUS403 (EN-X6Cr13)
Fasteners.....	Stainless steel SUS304 (EN-X5CrNi18-10)
Elastomers.....	NBR (Nitril Buna Rubber)
Mechanical Seal	
Primary Seal.....	Silicon carbide on silicon carbide
Secondary Seal.....	Carbon on ceramic
Impeller Type.....	Vortex impeller
Solids handling capability.....	6mm
Bearings.....	Pre-lubricated, double shielded ball bearings
Motor.....	Air filled, 2850 rpm 110V/230V, 50Hz, 1-phase Insulation class E



Oil Lifter
0,48kW