



GSZ SERIES
HIGH VOLUME - DEWATERING PUMP

SPECIFICATIONS

FEATURES

1. Enclosed high chrome cast iron impeller with field adjustable / replaceable wear plate provides for high wear resistance when the pumpage contains abrasive particles.
2. Highly efficient, continuous duty air filled, copper wound motor with class F or E insulation minimizes the cost of operation. The motor is equipped with a water cooling jacket allowing for low water level operation for extended periods of time.
3. Built in thermal protection prevents motor failure due to overloading, accidental run-dry and single phasing in three phase units.
4. Double inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber, further protected by a labyrinth seal, running against a replaceable,

403 stainless steel shaft sleeve and seal pressure relief ports, providing for most durable seal design available.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours provide for extended operation life.



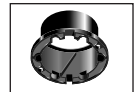
GSZ-6 Model



GSZ-4 Model

APPLICATIONS

1. Commercial, industrial wastewater and site drainage.
2. Sand and gravel pit drainage.
3. Raw water supply from lakes or rivers.
4. Fly ash water return.



OIL LIFTER

SPECIFICATIONS

Discharge Size.....	6", 8", 10" NPT (150, 200 and 250 mm)
Horsepower Range.....	30 Hp.~ 100 Hp. (22 kW ~ 75 kW)
Performance Range Capacity.....	350 ~ 3430 GPM(1.33 ~13m ³ /min)
Head.....	175 Ft. ~ 12 Ft. (53.34 m ~ 3.65 m)
Maximum water temperature.....	104 °F. (40 °C.)
Materials of Construction	
Casing.....	Cast Iron
Impeller.....	High Chrome Iron/Stainless Steel
Shaft.....	420 Stainless Steel
Motor Frame.....	Cast Iron/Steel Jacket
Fasteners.....	304 Stainless Steel
Mechanical Seal	
Upper Seal.....	Silicon Carbide/Silicon Carbide
Lower Seal.....	Silicon Carbide/Silicon Carbide
Elastomers.....	NBR (Nitril Buna Rubber)
Impeller Type.....	Enclosed, solids handling
Solids Handling Capability.....	GSZ-4:1" (0.4" on the GSZ2-37-4H) GSZ-2-6: 2"
Bearings.....	Prelubricated, Double Shielded
Motor Nomenclature	
Type, Speed, Hz.....	Air Filled, 1800 Rpm, 60 Hz.(GSZ-4), Air Filled, 1200 Rpm, 60 Hz. (GSZ-6)
Voltage, Phase.....	208/230/460/575 V., 3 Phase
Insulation.....	Class F (30 ~ 50 Hp.), E (60 ~ 100 Hp.)
Accessories.....	Submersible Power Cable 50' (15 m)
Operational Mode	Manual

STANDARD

OPTIONS

Length as Required.