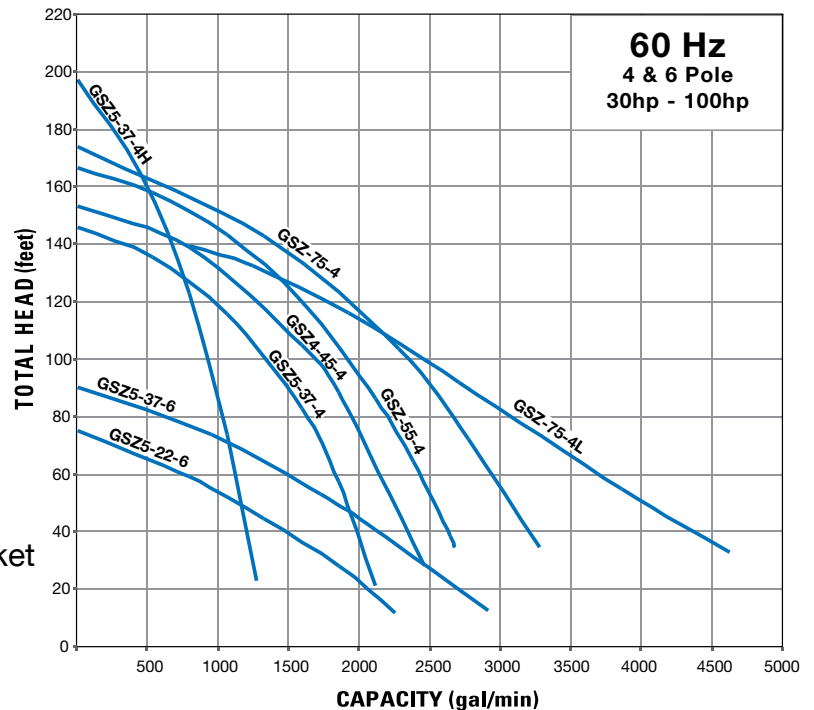




Performance Curves



Material

- Impeller: High Chrome or Stainless Steel
- Casing: Cast Iron
- Mechanical Seal: Silicon Carbide
- Motor Frame: Cast Iron / Cooling Jacket
- Shaft: 420 Stainless Steel
- Fasteners: 304 Stainless Steel
- Cable: Chloroprene Rubber

GSZ dewatering pumps are designed to last in aggressive dewatering applications!

Features

- High Pumping Volume
- 4 Pole, 1800 RPM Motors
6 Pole, 1200 RPM Motors
- Lower Impeller Tip Speeds for Longer Life
- Rugged Iron Construction
- Anti-Wicking Cable Entrance
- Dual Silicon Carbide Mechanical Seals
- Tsurumi's Patented Oil Lifter
- Internal Thermal Motor Protection



The **GSZ series** is one of the most formidable high volume submersible dewatering pumps available. Reducing impeller speed by half will extend your parts wear life by at least 2-3 times. With impeller materials of High Chrome and Stainless Steel, the GSZ series tackles the most aggressive dewatering applications. The side discharge design allows a smooth passage of abrasive materials.

Tsurumi's exclusive Seal Pressure Relief Ports further protect the mechanical seals on the 4-pole, 1800 RPM models by providing a flow path above the pump casing to allow a release of water to flow from the pump and away from the shaft. The mechanical seals remain isolated in the oil chamber above this flow path and are protected from any excessive pumping pressure or water hammer that may cause premature wear or failure of the mechanical seals in high pressure applications.

Extended operation at low water levels is made possible by utilizing a water jacket that surrounds the motor housing. A portion of the water is allowed to flow completely around the motor on its way to the side discharge. Air lock is prevented by an air-release valve at the top of the water jacket to allow air in the pump casing and water jacket to be displaced by water when the pump begins operation.

MODEL	MOTOR SPECIFICATIONS					PUMP SPECIFICATIONS			DIMENSIONS		Continuous Running Water Level (in.)	Pump Weight (lbs.)
	Motor Output (HP)	Voltages (V)	Pole	RPM	Insulation Class	Discharge Size (in.)	Maximum Capacity (GPM)	Maximum Head (ft.)	Dimension (in.)			
									Diameter	Height		
GSZ5-22-6	30	460 / 575	6	1160	F	8	2113	79	38	53 9/16	13 3/4	1670
GSZ5-37-4H	50	460 / 575	4	1750	F	6	1268	197	35 7/16	61 1/8	17 3/8	1380
GSZ5-37-4	50	460 / 575	4	1750	F	8	2113	143	36	62 5/16	18 7/8	1330
GSZ5-37-6	50	460 / 575	6	1160	F	8	2906	90	41 1/4	55 15/16	14 5/8	1590
GSZ4-45-4	60	460 / 575	4	1745	E	8	2457	153	36	62 5/8	18 1/8	1370
GSZ-55-4	75	460 / 575	4	1760	E	10	2695	167	41 5/16	68 1/4	20 1/8	2530
GSZ-75-4	100	460 / 575	4	1770	E	10	3434	174	41 5/16	68 1/4	20 1/8	2640
GSZ-75-4L	100	460 / 575	4	1770	E	*10	4621	139	41 5/16	70	28 3/4	2750

*with 1-ft ANSI flange