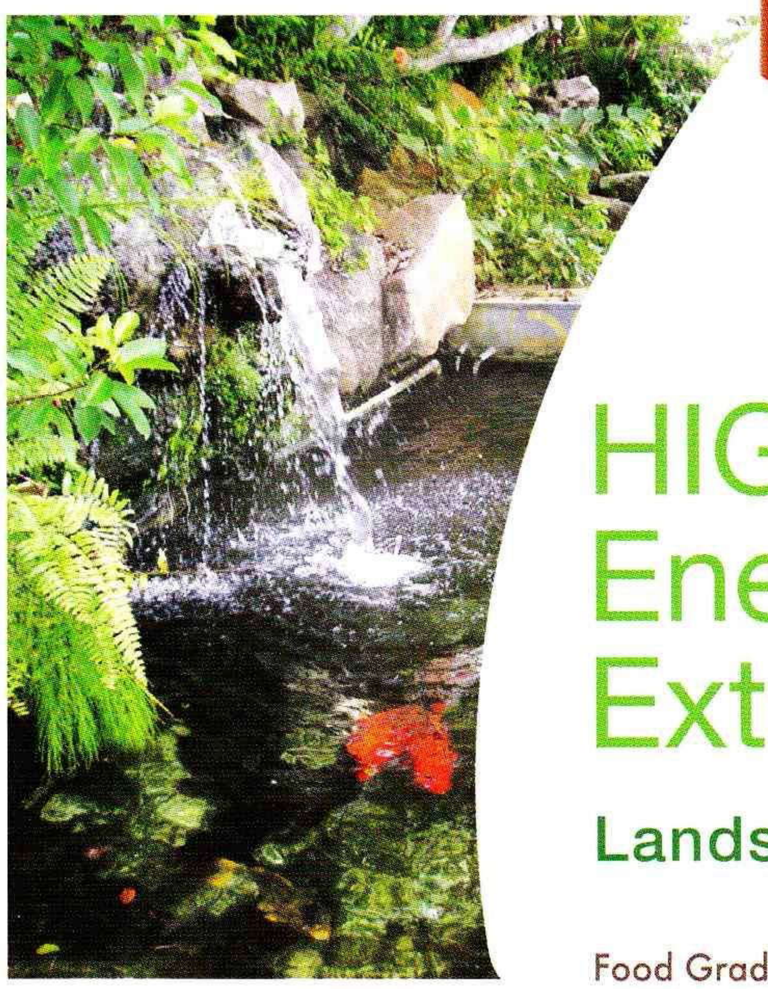
TSURUMI PUMP

Submersible Landscape Pumps

40PU2.15S (Manual)
50PUMA2.15S (Auto)



HIGH Efficiency
Energy Saving
Extended Life Span

Landscape Pump

Food Grade Lubricant used is KOI Friendly

Application Examples

1. Fish Pond
2. Artificial Waterfall
3. Fountain
4. For gardening (flowerbeds, garden trees, and vegetable gardens)
5. For cleaning/draining swimming pools
6. For emergency draining flooded basements
7. Domestic sewage lift station
8. Small-scale sewage purification system
9. Various drainage applications containing solids

Light, Rugged, Corrosion Resistant, and Easily Passes Large Solids

Features

The know-how of a specialized pump manufacturer is put to use in these compact submersible pumps, too.

A. **Anti-Wicking Cable Entry**
Cable entry is an important part in the submersible pumps. Tsurumi's care has been extended to the sealing of the strand of the cable conductors that may accidentally cause the ingress of water by a wicking (capillary phenomenon).

B. **Built-In Motor Protection**
A thermostat is installed in the motor. It automatically stops the motor in case of an excessive heat buildup in the motor caused by blockage of impeller or by other overloading factors.

C. **Light Weight and Corrosion Resistant**
Made of stainless-steel (304) and fiber-reinforced plastic (FRP), it is light weight and rust free.

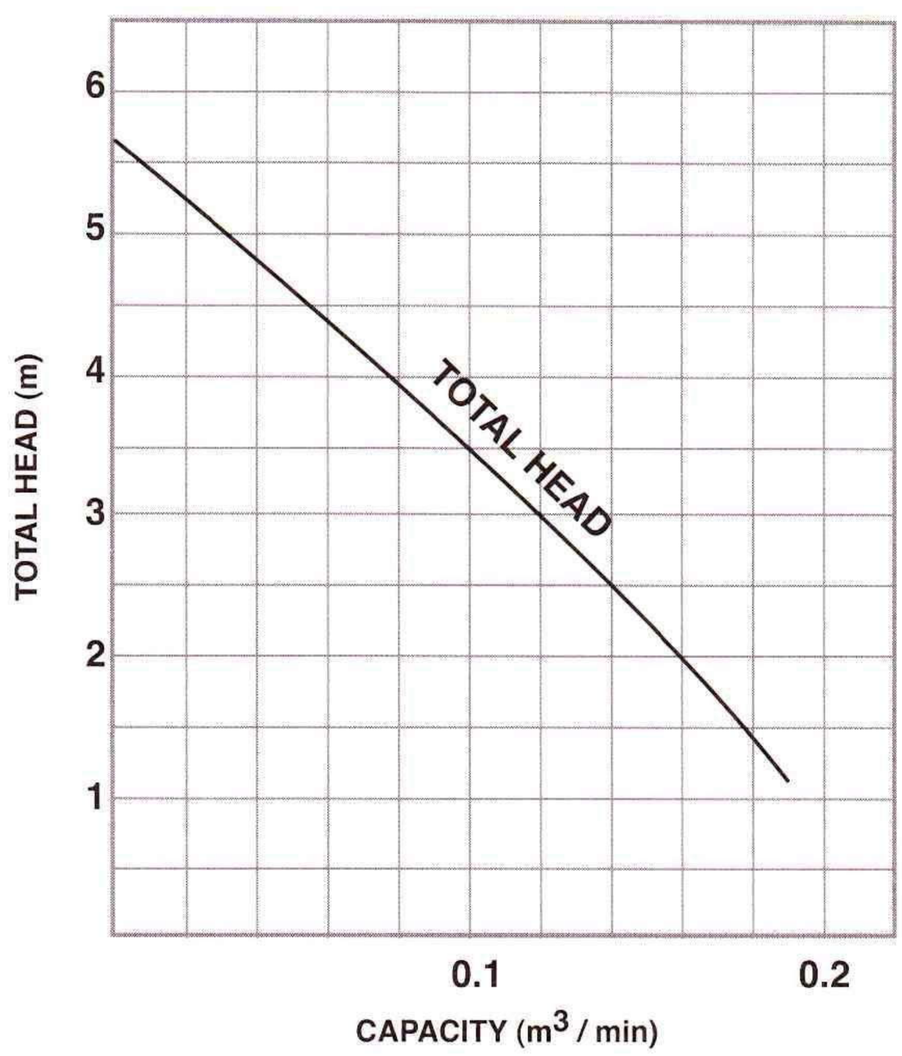
D. **Dual-Face Mechanical Seal**
The pump is provided with a dual-face mechanical seal housed in an oil-filled chamber. The motor is double protected from ingress of water.

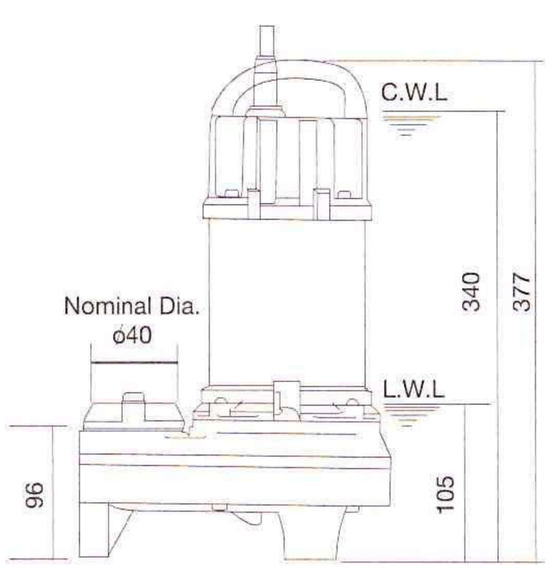
E. **Oil Lifter (Pat. Pending)**
The pump has a built-in Oil Lifter designed to stabilize the mechanical seal function by efficiently supplying the lubricant to the seal even if it drops to below the rated level. This amazingly simple device turns otherwise wasted energy into an additional protection effect for the seal and extends both seal life and maintainence intervals.

F. **Large Solid Passage**
A vortex impeller is fitted in a wide-opened pump casing. Solids of maximum 35mm in diameter can pass the pump.

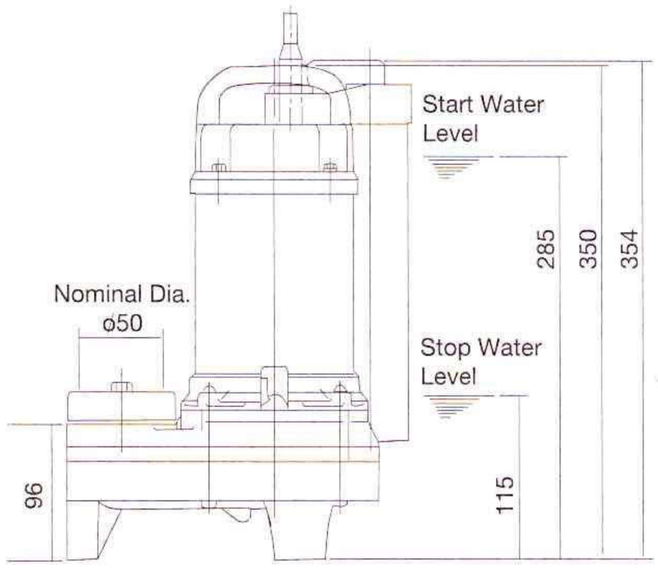
G. **Precise Level Control (Automatic Type)**
Tsurumi's unique level sensing system with a silicon-diode rectifier precisely controls water levels. The level sensor occupies minimum space for the detection of water level.

40PU2.15S & 50PUMA2.15S





40PU2.15S



50PUMA2.15S (AUTO)

C.W.L: Continous Running Water Level
L.W.L: Lowest Running Water Level

Specifications

Standard Model	Discharge Bore mm	Motor Output kW	Phase	Revolution 50Hz min-1	Starting Method	Max Head m	Max Capacity m3/min	Impeller Passage mm	Standard Cable length m	Dimensions L x H mm	Dry weight kg
40PU2.15S	50	0.15	Single	3000	Capacitor Run	5.7	0.19	35	5	225 x 377	6.1
50PUMA2.15S (AUTO)	50	0.15	Single	3000	Capacitor Run	5.7	0.19	35	5	255 x 354	6.3

* **Note**: The model coding, "40PU2.15S", comes from the standard discharge size of 40mm, but a screwed flange of 50mm, which is commonly fitted to the casing, is supplied with the pump.

Availability

Your orders are welcome.

We reserve the right to change the specifications and designs for improvement without prior notice.