



# Submersible Landscape Pumps

## 40PU2.15S (Manual)

## 50PUMA2.15S (Auto)



MADE IN JAPAN

# HIGH Efficiency Energy Saving

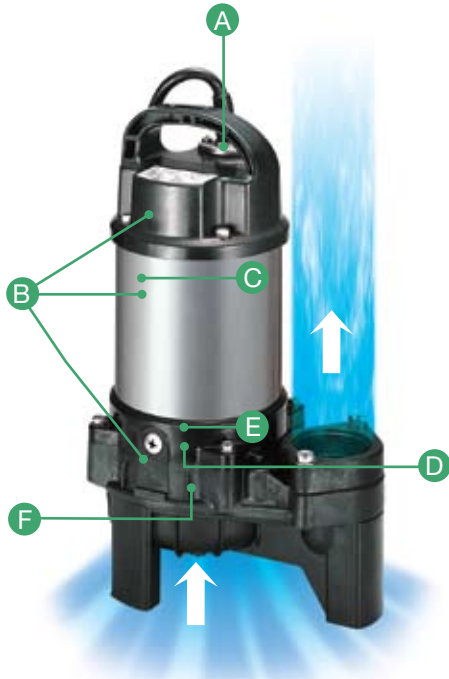
Food Grade Lubricant used is KOI Friendly

### ■ Application Examples

1. Fish Pond
2. Artificial Waterfall
3. Fountain
4. For emergency drainage of flooded basements

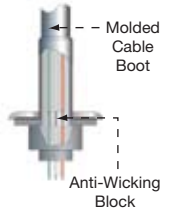
# Light, Rugged, Corrosion Resistant, and Easily Passes Large Solids

## Features



### 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 Light Weight and Corrosion Resistant

Made of stainless-steel (304) and fiber-reinforced plastic (FRP), it is light weight and rust free.

### C Built-In Motor Protection

A miniature motor protector (right) is installed in the motor. It automatically stops the pump from operating in case of an excessive heat built up in the motor caused by overloading.



### D Oil Lifter (Patent 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 maintenance intervals.



### E Dual-Face Mechanical Seal

The pump is provided with a silicon carbide (SiC) dual-face mechanical seal housed in an oil-filled chamber. The motor is double protected from ingress of water.

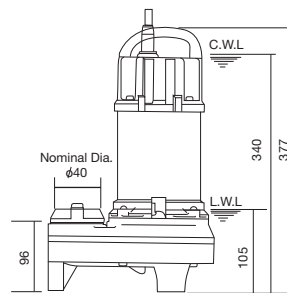
### F Large Solid Passage

A vortex impeller is fitted in a wide-opened pump casing. Solids of maximum 35mm in size can pass through the pump.



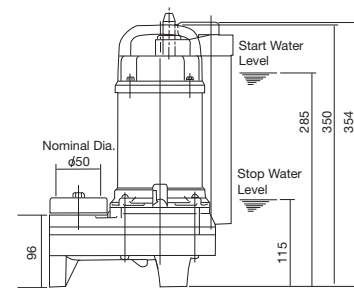
### G Precise Level Control (Automatic Type)

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

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

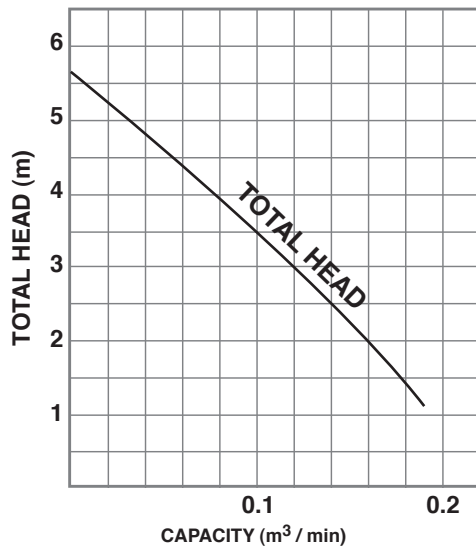


50PUMA2.15S (AUTO)

## Performance Curve

### 40PU2.15S & 50PUMA2.15S

S.S. Revolution 3000 min<sup>-1</sup>



## Specifications

Standard Model	Discharge Bore mm	Motor Output kW	Phase	Starting Method	Max Head m	Max Capacity m <sup>3</sup> /min	Impeller Passage mm	Standard Cable length m	Dimensions L x H mm	Dry weight kg
40PU2.15S	50	0.15	Single	Capacitor Run	5.7	0.19	35	5	225 x 377	6.1
50PUMA2.15S (AUTO)	50	0.15	Single	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.