

ASP[®]

SSH-L/H SERIES

NEW



Heavy Duty / Self-Priming Solids Handling / Non-Clogging

ASP[®] Non-Clogging Self Priming Solid Handling Pumps handle a wide range of heavy duty pumping problems for industries such as paper pulp, engine plants, canneries, tanneries, meat packing plants, and the like; wherever solids laden products- pulp, process water, filter waste, waste water, sludge and slime, etc. must be moved. They also offer great design flexibility. These pumps can be mounted high and dry above the liquid. The pumps are capable of handling solids and stringy materials easily.

However, if clogged, and all pumps clog occasionally--the coverplate can be quickly removed for simple clean out and maintenance.



THONG FATT JAYA MACHINERY HARDWARE SDN. BHD.

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SSH-L/H SELF PRIMING SOLID HANDLING PUMP

* FEATURES

1. Impact structure and reliable performance.
2. Strong self priming capability, without need of discharge or suction check valves.
3. Non-clogging and anti-winding: High passable capability.
4. Unique structure of oil-lubricant mechanical seal chamber: Reliable sealing performance.
5. The cover plate can be quickly removed for simple clean out and maintenance.
6. Can transfer mixture of air and liquid. It can be able to run dry within certain time.
7. Low speed and stable operation.
8. Simple maintenance and long life.
9. Advanced pressure protect device to ensure the security of operation.

* APPLICATIONS

Suitable for discharge waste water of various industries:

- * Paper pulp
- * Engine plants
- * Canneries
- * Tanneries
- * Meat packing plants
- * Residential area
- * Hospital and hotel
- * City waste water processing factory
- * Etc

Suitable transfer various medium contains solid or fibre:

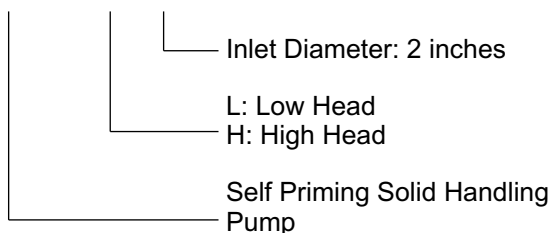
- * Pulp
- * Process water
- * Filter waste
- * Waste water
- * Sludge and slime
- * Etc

* WORKING CONDITIONS

1. Medium Temperature: up to 80°C
2. Medium Density: 1.0~1.3x10³kg/m³
3. Medium PH Value: 5~9
4. Inlet Diameter: 50mm~350mm
4. Solid Diameter: up to 75mm
5. Max. Suction Head: up to 7m
6. Capacity: 10~1500m³/h

* PUMP KEY

SSH - L/H 2



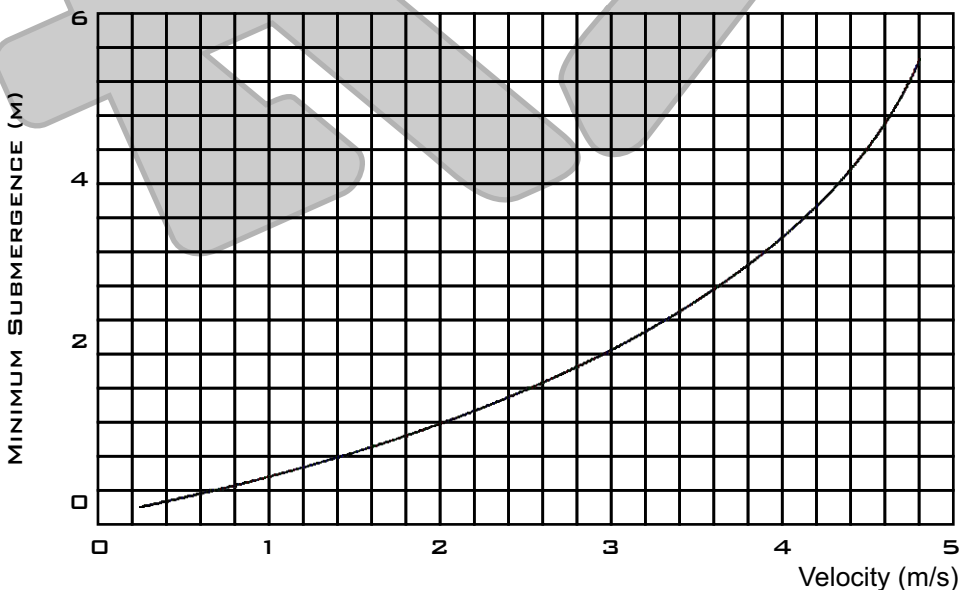


SSH-L/H SELF PRIMING SOLID HANDLING PUMP

* CONSTRUCTION MATERIALS

| PART | Standard | Type A | Type B | Type C | Type D | Type E | Type F | Type G |
|---|---|----------|----------|----------|---------------|---------|--------|---------------|
| Casing | HT250 | HT250 | HT250 | HT250 | HT250 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Impeller | ANSI 60-40-18 | A3 | CD4 MCU | SS304 | ANSI 60-40-18 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Wear Plate | A3 | A3 | CD4 MCU | SS304 | ANSI 60-40-18 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Cover Plate | HT250 | A3 | CD4 MCU | SS304 | ANSI 60-40-18 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Bearing Housing | HT250 | HT250 | HT250 | HT250 | HT250 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Seal Plate | HT250 | A3 | CD4 MCU | SS304 | ANSI 60-40-18 | CD4 MCU | SS304 | ANSI 60-40-18 |
| Flap Valve | Neoprene | Neoprene | Neoprene | Neoprene | Neoprene | Viton | Viton | Viton |
| Sleeve Shaft | 2CR13 | SS304 | SS304 | SS304 | SS304 | SS304 | SS304 | SS304 |
| Inlet/Outlet Flange | HT250 | HT250 | HT250 | HT250 | ANSI 60-40-18 | SS304 | SS304 | ANSI 60-40-18 |
| O-Rings | Neoprene | Neoprene | Viton | Viton | Viton | Viton | Viton | Viton |
| Impeller Shaft | 2CR13 | SS304 | SS304 | SS304 | SS304 | SS304 | SS304 | SS304 |
| Mechanical Seal | TUNGSTEN CARBIDE/TUNGSTEN CARBIDE/SS316/VITON | | | | | | | |
| Material: HT250: Cast Iron CD4 MCU: Hardened 18-8 Stainless Steel, CD4, DIN 1.4463 SS304: Stainless Steel ANSI 60-40-18: Ductile Iron A3: Carbon Steel 2CR13: Stainless Steel | | | | | | | | |

* SUCTION SPEED FLOW CURVE



Note 1: The suggested suction should have the same nominal diameter as the pump, so that the solid will be totally swept up.

2: If the speed is higher than 3.5m/s and if there is a need for higher "NPSH", please contact the factory.