

Typical Fluid

Wastewater, activated sludge, plaster and cement mortar, acids, lime water, emulsion paints, soaps, adhesives, etc.

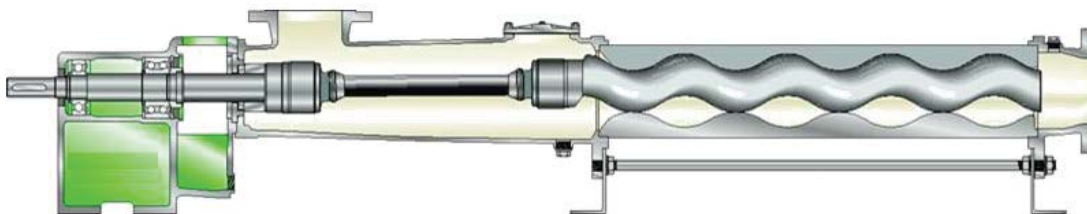
Operating Data

Standard: ISO15136-2010
Capacity: 1 to 500m³/h
Head: up to 48bar
Temperature: - 20°C to +300°C
Viscosity: up to 3000000mm²/s

Typical Applications

S is used for a large variety of pumping tasks in industries such as environmental technology, chemicals and other process industries. This pump type is conveying a broad spectrum of substances in applications around the world. Mainly due to its ability to convey almost any kinds of fluids, with or without solid content, under low pulsation in a gentle and pressure-stable manner. Primarily for fluids with the following properties:

- Consistencies from runny to pasty
- Substances with solid content
- Shear-sensitive
- Smearing or non-smearing
- Thixotropic and dilatant
- Abrasive
- Adhesive
- Toxic or normal



General

The S is a screw pump sealed on the inside gearing, belong to rotor displacement pump. The essential part consists of combination of a stator with two-stud female thread and a rotor with single-stud screw. The same transmission parts can be matched with four different designs of the rotor / stator, to provide the best choice.

According to customer's need, mechanical seals can be single mechanical seal, double mechanical seal, tandem seal, etc. and also can be packing seal, water ring seal and other special seal. Magnetic drive, without leakage can be provided for toxic fluids.