

Long Stroke Valves



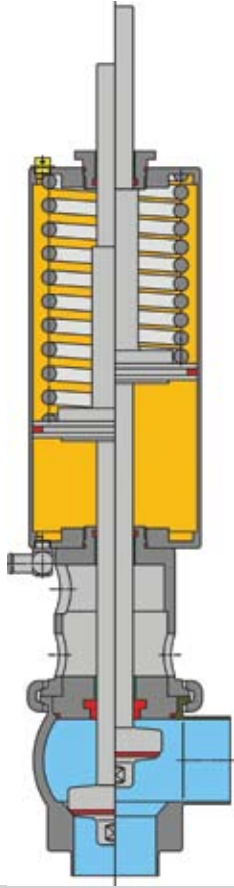
Product Features

Industries such as food, dairy and consumer products have long faced the difficulty of transferring viscous products or products with particulates through valves and piping. To assist our customers in these challenging applications, Norit Südmo engineers added the long stroke option to the popular, dependable modular components of the SVP Select Valve Program.

Typically, viscous products are transferred using positive displacement pumps. To compensate for this, Norit Südmo actuators come standard with the highest holding pressure on the market, and have a 10-year prorated warranty. Additionally, the stem and housings are manufactured from solid bar stock, which helps to hold up against high pressure and aggressive media. You will experience lower maintenance costs and improved efficiency with our common seal dimensions that are used across the valve sizes. Because no special tools are required, maintenance of the valve is quick and easy. Our Long Stroke Valves allow for complete removal of the stem from the product path and have a minimum of 100% open area. All materials are FDA compliant and the valves carry the 3-A symbol. The modular design of our single seat valve line allows our standard valves to be later modified to the long stroke version by simply replacing the insert.

Norit Südmo's Long Stroke Valve series is backed by our proven technology, superior service and extensive application know-how.

Long Stroke Valves



Benefits

- High holding pressures
- O-rings (not V-rings) require no special tools for seal insertion
- Body machined from a solid piece of bar stock
- Field reversible actuator
- Modular components
- 10-year prorated actuator warranty

Applications

Any application with viscous or large particulate products:

- Confectionery
- Food
- Consumer products

Standard Specifications

Materials

- Product contact: 316L (1.4404)
- Non product contact: 304 (1.4301)
- Optional: Hastelloy, AL6XN

Seals

- Standard: EPDM
- Optional: HNBR, PEEK, FPM (Fluoro-Rubber), FFPM (Perfluorinated Fluoro-Rubber)

Operating Pressure

- Control air pressure: Standard 87-116 psi
- Optional: 50 psi
- Product pressure: Standard 87 psi
- Optional: 145 psi

Connections

- Standard: Sanitary O.D. tube butt weld
- Optional: Sanitary O.D. tube clamp
 - Welding ends for metric tubes
 - Welding ends for ISO tubes
 - DIN nut

Finish

- <= 32 Ra product contact
- <= 63 Ra non-product contact

Options

- Improved mechanical polish/electropolish
- Control top
- Sterilization chamber
- Mid-position actuator
- Booster



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Südmo North America Inc. reserves the right to make changes in the technical specifications at any time.