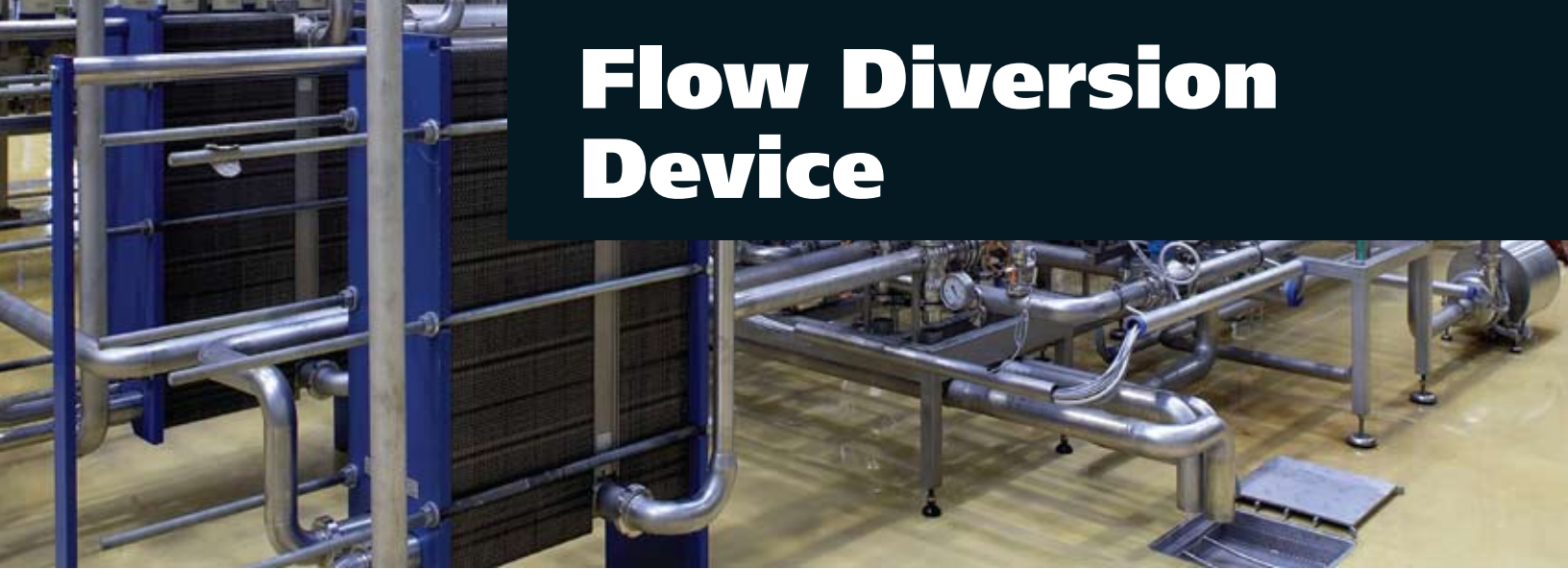


Flow Diversion Device



Product Features

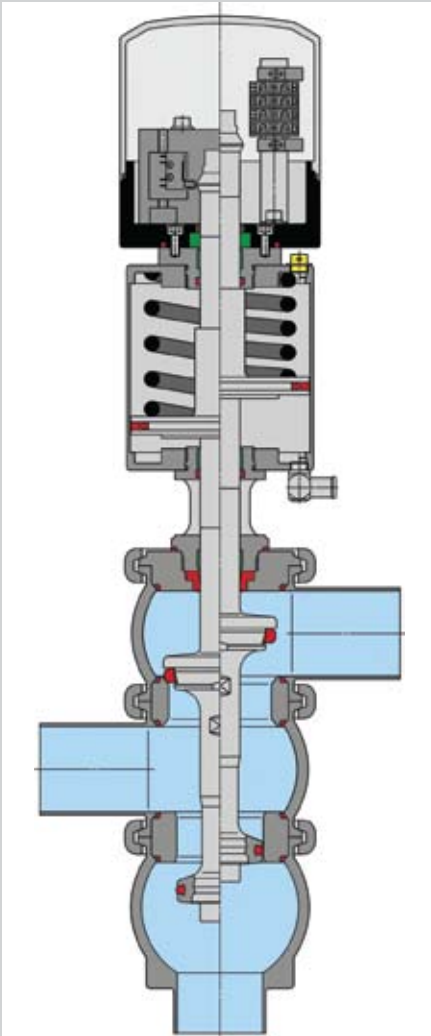
Norit Südmo offers a Non-Slamming Flow Diversion Device that interfaces with the legal control systems for HTST operation. The machined body offers a rugged solution with a maintenance-free actuator that carries a 10-year prorated warranty. The quick and easy testing procedure for inspectors allows for faster verification of operation. Our competitors' products require complete disassembly of the valve for this testing.

The upper seat is made from a durable FDA compliant PEEK material, while the lower seat is a sliding o-ring seal made from standard FDA compliant seal materials (EPDM, HNBR, FPM). This rugged upper seat lengths service life and eliminates the need for frequent adjustment of the microswitch, while the radial lower seal allows for easy maintenance. The microswitch control top provides feedback when the valve is unseated and also when the seat is damaged.

The valve set carries the 3-A symbol and meets the FDA Grade "A" Pasteurized Milk Ordinance (PMO) guidelines for Flow Diversion Devices as stated in M-b-347. Norit Südmo's Flow Diversion Device is backed by our proven technology, superior service and extensive application know-how.



Flow Diversion Device



Benefits

- Long wear PEEK upper seat
- Sliding lower seat for ease of maintenance allowing complete removal from top of housing without stem removal
- Easy test procedure for inspectors - not necessary to take valve apart for HTST validation
- 10-year prorated actuator warranty
- Machined body
- Air connection with shut off valve included
- No water hammer during divert to forward flow
- O-rings (not V-rings) require no special tools for seal insertion

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), FFKM (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
- Sterilization chamber
- Booster
- 3.1B material certification

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



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