

Mix Proof Valves for Brewing



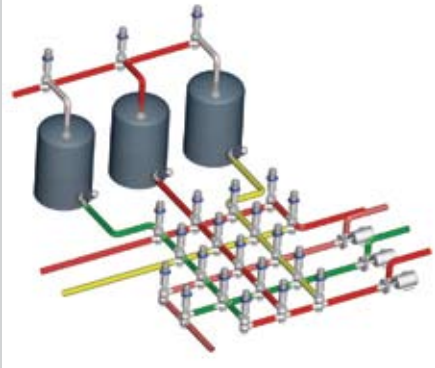
Product Features

Mix proof valve technology revolutionized piping systems in the brewing industry by eliminating all the problems associated with manual swing panels, and has been used successfully in breweries for many years. The benefits of mix proof valve technology to breweries are numerous, including safe separation of different products or product and cleaning solution, reduced product losses, and shorter CIP times. Mix proof valve manifolds are fully automated and enclosed systems that help reduce labor costs and operator errors, reduce oxygen pickup in the product, and allow for faster changeovers. These features increase efficiency and eliminate personnel safety concerns particularly when hot cleaning solutions are handled. Mix proof valve manifolds are very easy to expand.

Norit Südmo offers the most rugged Mix Proof Valve in the brewing industry due to the fact that the valve housing is machined from a solid bar of stainless steel, which minimizes the number of welds on each valve. Norit Südmo's Mix Proof Valves are highly resistant to aggressive media and offer seal material options that are suitable for hot wort applications. The valves are balanced to withstand pressure shocks and are easy to maintain.

Backed by Norit Südmo's proven technology, unparalleled customer service and extensive application know-how, you are assured that by using Norit Südmo's Mix Proof Valves you will maximize the use of your brewery's assets.

Mix Proof Valves for Brewing



Benefits

- Enhanced sealing design compensates for seal swelling assuring longer seal life
- Completely balanced upper and lower seats assures operations up to 145 psi
- Minimized actuator size reduces valve size and weight
- Fully sealed actuator minimizes actuator maintenance
- Fixed seat lift travel assures proper cleaning and minimizes loss of cleaning solution
- Superior CV's
- 5-year prorated actuator warranty
- Body machined from a solid piece of bar stock
- Elastomers compatible with hot wort
- When used in a valve matrix, can reduce oxygen pickup

Applications

- Wort manifolds
- Cold block routing
- Filtration area
- BBT manifolds
- Gas manifolds
- CIP units

Standard Specifications

Materials

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

Seals

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

Operating Pressure

- Control air pressure: Standard 87-116 psi
- Product pressure: Standard 87 psi
- Optional: 60 psi air pressure
145 psi product pressure

Operating Temperatures for EPDM Seals

- 266 °F continuous
- 300 °F short sterilization (15-20 minutes)

Connections

- Standard: Sanitary O.D. tube butt weld
 - Optional: Sanitary O.D. tube clamp
- All connection types are also available in metric, ISO and Schedule 5 dimensions

Finish

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

Options

- Improved mechanical polish/electropolish
- External stem clean/drainage cap with hose connection
- Sterilization chamber
- Mix match body sizes
- Control top: 24VDC, 110VAC, ASI, DeviceNet

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



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