

SÜDMO 365IT COMPLETE PMO MIX PROOF VALVES

PRODUCT LEAFLET

GENERAL PRODUCT INFORMATION

With the 365it Complete PMO Mix Proof Valve you have the safest, smallest PMO mix proof valve that gives you non-stop production – no need to shutdown for end of day cleaning. This industry leading mix proof valve packs more safety, greater efficiency and smarter operation into a new, space-saving design.

Proven by third party testing, the patented deflector provides a real physical barrier that prevents direct cleaning solution impingement and guarantees zero pressure (with or without seals), in front of the opposite side seat. To keep your products and process safe, the 365it Complete PMO uses a true mechanical barrier and does not rely on line pressures and contours.

Mix proof valves need feedback to meet PMO requirements. To comply with this and give our customers total process control, the 365it Complete PMO is combined with our IntelliTop 2.0. This offers the safest control unit - protection classes IP65, IP67 and IP69K - along with the fastest set up in the market.

BENEFITS

- Uses a true mechanical barrier to ensure product safety
- Smaller size reduces space needs and makes maintenance easier
- 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
- 5-year prorated actuator warranty

APPLICATIONS

- Raw receiving
- Raw tank storage
- HTST supply and discharge lines
- Pasteurized tank storage
- Filler supply lines
- Batching systems



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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), FFPM (Perfluorinated Fluoro-Rubber)

Operating Pressure

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

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 and ISO

Finish - Standard

- ≤ 32 Ra product contact
- ≤ 63 Ra non-product contact

Standard PMO Features

- External prox for upper stem detection
- Lower stem cleaning chamber

OPTIONS

- Improved mechanical polish or electropolish
- Mix match body sizes
- IntelliTop 2.0 options: 24VDC, 110VAC, ASI, DeviceNet™



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