

XOMOX®



XOMOX® LINED BALL VALVES SERIES XLB-FEO

Reconfigured Stem Packing results in Fugitive Emission Compliance

XOMOX® ORANGE - THE COLOR OF SAFETY

ISO 15848 AND TA-LUFT 2021 COMPLIANT

After 4 thermal cycles and 2,500 cycles less than 20PPM **FUGITIVE EMISSIONS** to atmosphere with zero adjustments

PATENTED SX SEAL

INNOVATIVE PRESSURE ASSISTED SX SEAL moves in conjunction with the floating ball stem, maintaining a constant seal with no fatigue on stem leading to longer life

COMPACT DESIGN

Allows **INSTALLATION IN SPACE** restricted areas in parallel piping system

COST & SPACE SAVINGS

Smaller actuators, **REDUCED COSTS**, space and weight savings

CRANE



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XOMOX® Lined Ball Valves Series XLB-FEO

Materials of Construction

- Body: EN 1563 / EN-GJS-400-18-LT (5.3103) / ASTM A395 / 60-40-18, PFA, PFA antistatic, PVDF
- Ball: 1.4470/ASTM A995 gr 4A, PFA, PFA antistatic, PVDF

Size Range

- ½" / DN 15 through 6" / DN 150 full port
- 1½" through 8" reduced port
- Other sizes available up to 12" / DN 300

Pressure Ratings

- ASME Class 150, PN16 and JIS10

Temperature Range

- -29°C to 204°C

Options

- Chlorine application
- Oxygen application
- Alternative paint colors on request
- Complies with ATEX, European Directive 2014/34/EU
- PVDF Lining
- Flow Characterization – V port

Industries

- Chlor-Alkali
- Industrial Inorganic Chemicals
- Metal and Mining
- Pharmaceutical
- Nitrogen and Phosphatic Fertilizers
- Petroleum Refining

Applications

- Chlorine
- Brine
- Benzene
- Bromine
- Sulfuric Acid
- Nitric Acid
- Hydrochloric Acid
- Phosphoric Acid
- Sea Water

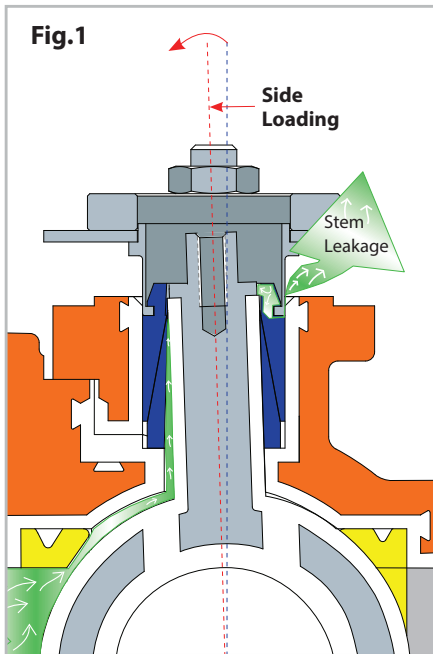


Fig.1:
In a conventional valve, moderate stem side loading can lead to significant emissions issues.

Other situations where side loading can occur during valve actuation include heavy manual operation, actuation loads, misalignment, and abusive contact.

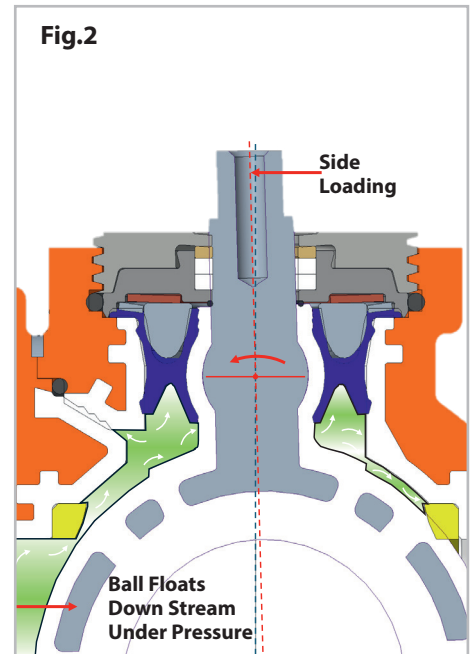


Fig.2:
The XLB valve's pressure assisted SX seal stays in constant contact with stem spherical seal surface to significantly reduce the chance of atmospheric leakage.

CRANE CHEMPHARMA & ENERGY

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