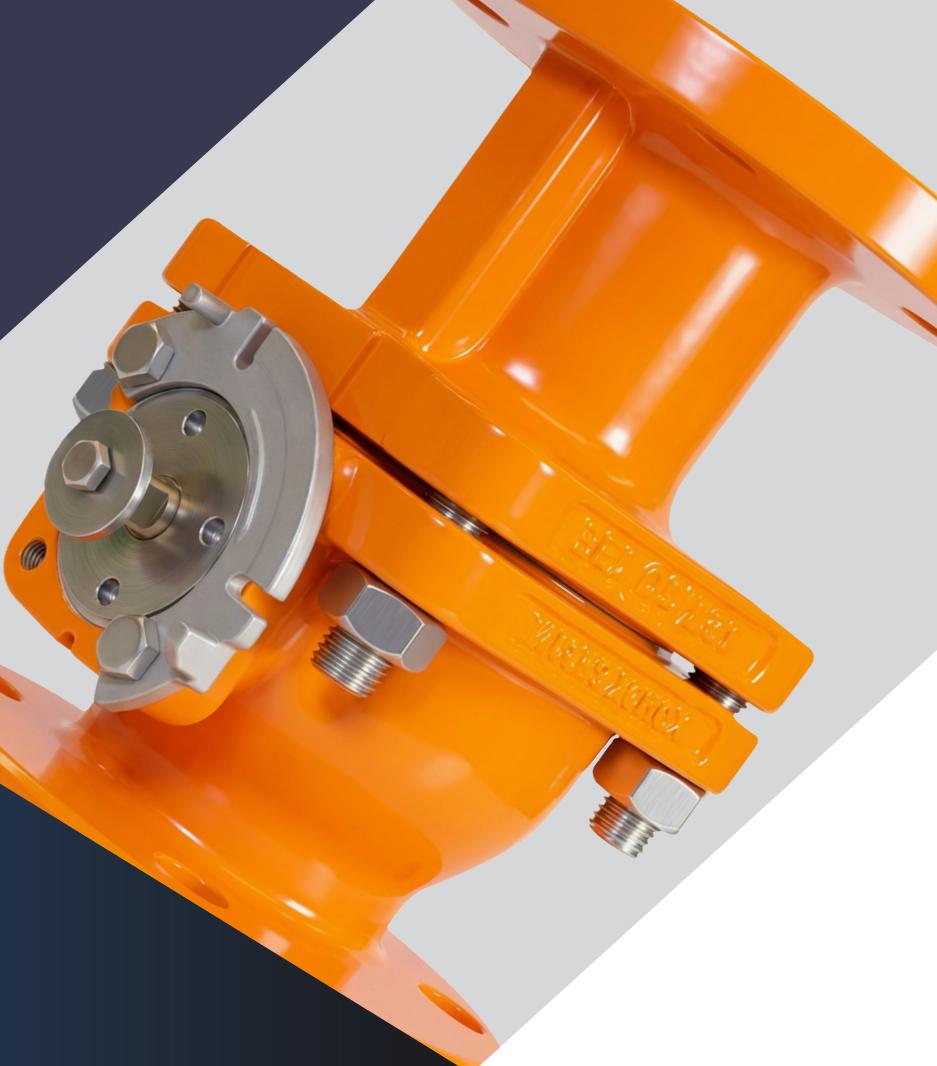


# XOMOX®



## XOMOX® LINED BALL VALVES SERIES XLB

Reconfigured Stem Packing results in Fugitive Emission Compliance

### ISO 15848 AND TA-LUFT 2021 COMPLIANT

After 4 thermal cycles and 2500 cycles less than 20PPM fugitive emissions to atmosphere

### 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

### LOWER TORQUES

Smaller actuators, reduced costs, space and weight savings

CRANE®



[www.cranecpe.com](http://www.cranecpe.com)

## XOMOX® Lined Ball Valves Series XLB

### 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

- -29C to 204C

### Options

- Chlorine application
- Oxygen application
- Other painting on request
- Complies with ATEX, European Directive 94/9/EG
- 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**

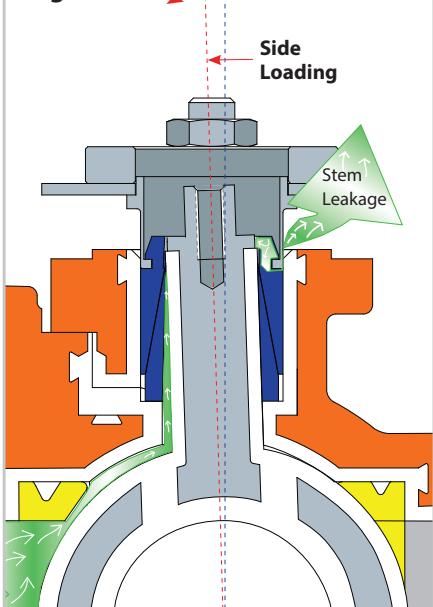


Fig.1:

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, and misalignment, and abusive contact.

**Fig.2**

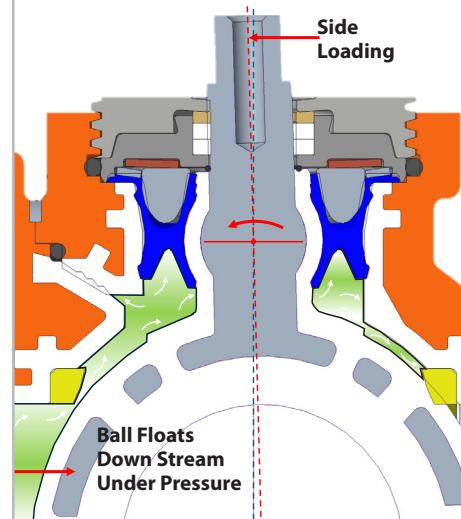


Fig.2:

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.

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