

XOMOX[®]

NEW! XOMOX[®] XP3 Sleeved Plug Valves

www.cranecpe.com

XOMOX[®] XP3 Soft Seated Sleeved Plug Valves incorporate innovative stem sealing technology to provide best-in-class fugitive emissions performance.

Key features include:

- 1 **Innovative Stem Seal Design** permits superior **FUGITIVE EMISSIONS CONTROL** (ISO 15848-1: Class BH CO3 SSA0) under recurrent thermal cycling without **ANY** adjustments, and **REDUCES POTENTIAL DOWN TIME**.
- 2 **Live loaded design** optimizes seal performance and extended service life, which ensures **BEST IN CLASS SEAL TO ATMOSPHERE** even through thermal cycling.
- 3 **Maintenance- and cavity free:** No costly lubrication, no sticking, and no contamination of process media.



CRANE[®]

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XOMOX® XP3 Sleeved Plug Valves

Design Features

- Superior performance through thermal swings
- 360° Port Lips to protect from PTFE cold flow during temperature or pressure swings
- Flange pads remain standard configuration in ANSI US design
- Live-loaded Stem Cartridge delivers best-in-class Low Emissions performance

Materials of Construction

- Standard: A216 Gr. WCB or 1.0169, A351 Gr. CF8M or 1.4408
- Options (upon request): 304SS, Nickel, CF3M, Monel®, Inconel®, Hastelloy®, Alloy 20

Typical Applications

- Chemical
 - Chlorine
 - TDI/MDI
 - Agricultural Chemicals
 - Ethylene Oxide
 - Polysilicon

Pressure Ratings

- ASME Class 150#, Class 300#
- PN10-40

Temperature Range

- Up to 600°F or 260°C
- Different packing combinations will support different temperatures

Size Range

- 1/2" up to 24"
- DN15 up to DN600

Body Configurations

- Cast Body, Flange Design

Compliance

- Third Party Validated to ISO 15848-1 Class BH C03 SSA0 (zero adjustments)
- Third Party Validated to TA Luft
- EPA Method 21

PRIMARY SEAL TO ATMOSPHERE

The XP3 utilizes the same, proven sleeve & body design XOMOX is known for. 360° port lips and high pressure ribs inside the valve body ensure tight in-line seal & primary seal to atmosphere. Plug remains adjustable if necessary.

SECONDARY SEAL TO ATMOSPHERE

Enabled by the same wedge ring & plastic diaphragm design in place on our existing product, ensuring another layer of protection to stem seal and body cover joint.



TERTIARY SEAL TO ATMOSPHERE

New, patent-pending Live-Loaded Stem Cartridge delivers World Class Low E performance in a quarter-turn soft-seated plug valve.

PACKING OPTIONS

Stem packing can be changed depending on operating conditions / Various packing options are available