

XOMOX[®]

NEW!

XOMOX[®] XP 4D Sleeved Plug Valves

www.cranecpe.com

XOMOX[®] XP 4D 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 **SEAL INTEGRITY TO THE ATMOSPHERE** even through thermal cycling.
- 3 **Virtually maintenance- and cavity free:** No costly lubrication and **FREE OF MAINTENANCE** due to no accumulation and no contamination of process media.
- 4 **Manual 4D packing** for stem adjustment in cases of **ADDITIONAL ASSURANCE AND EMERGENCY**.



CRANE[®]

Crane ChemPharma & Energy

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XOMOX® XP 4D Sleeved Plug Valves

Design Features

- Superior performance through thermal swings
- 360° Port Lips to protect from PTFE cold flow during pressure swings
- Flange pads remain standard configuration in ANSI US design
- Live-loaded stem seal performance in quarter-turn soft seated plug valves
- Additional Manual stem adjustment for added ASSURANCE or EMERGENCY.

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

Pressure Ratings

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

Typical Applications

- Chemical critical

Temperature Range

- Up to 600°F; up to 260°C, depending on material selection.
- Different packing combinations will support different temperatures

Size Range

- ½" up to 24"
- DN15 to DN600

Body Configurations

- Cast Body, Screwed weld end, or Flange Design

Compliance

- Fugitive emissions tested acc. to ISO15848-1 Class BH CO3 SSA 0 (without adjustments)
- Fugitive emissions Tested acc. API 641 class E
- EPA Method 21
- TA-Luft

PRIMARY SEAL TO ATMOSPHERE

Sleeve ensure inline sealing. Manual adjustments are possible

SECONDARY SEAL TO ATMOSPHERE

Enabled by the plastic diaphragm and wedge ring

PACKING OPTIONS

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



ADDITIONAL 4D MANUAL STEM SEAL ADJUSTMENT

Manual 4D stem packing for adjustment in case of emergency or excessive assurance

TERTIARY SEAL TO ATMOSPHERE

Live loaded cartridge provides improve stem sealing