

XOMOX[®]

NEW!

XOMOX[®] HF 4D Sleeved Plug Valves

www.cranecpe.com

XOMOX[®] HF 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 and API 641 Class B & E) 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 accumulation and contamination of process media.
- 4 **Manual 4D stem packing** for stem adjustment in cases of **ADDITIONAL ASSURANCE AND EMERGENCY**.



CRANE[®]

Crane ChemPharma & Energy

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XOMOX® HF 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 cartridge delivers best-in class low emission performance
- Additional Manual stem seal for added ASSURANCE or EMERGENCY.

Materials of Construction

- Standard: A494 M35-1

Pressure Ratings

- ASME Class 300#

Typical Applications

- HF Alkylation

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"

Body Configurations

- Cast Body, Screwed weld end, or Flange Design

Compliance

- Third party validated in accordance with API 641 classes B & E
- EPA Method 21

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

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Crane ChemPharma & Energy, XOMOX®

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