

# XOMOX<sup>®</sup>

# NEW!

## XOMOX<sup>®</sup> HF 4D Sleeved Plug Valves

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

XOMOX<sup>®</sup> 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**.



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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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