

XOMOX®



HIGH PERFORMANCE BUTTERFLY VALVES

Delivering low-maintenance solutions tailored for chemical and petrochemical applications, for over 60 years.

ENDURANCE CHAMPION

Achieving **ONE MILLION CYCLES** while remaining fully operational thanks to our unique seat design that is not subject to the stress-inducing axial flexion often seen in other valves of this type.

ULTIMATE FLEXIBILITY

Usable in **ON/OFF or THROTTLING/CONTROL APPLICATIONS** with no need for a special design or modifications. You can use a XOMOX® HPBV right out of stock in multiple different applications without concern.

BI-DIRECTIONAL GUARDIAN

Suitable for **BI-DIRECTIONAL DEAD-END SERVICE**, even under full differential pressure – also available with a **SMOOTH SEAT RETAINER RING**.

CRANE
®

 in

www.cranecpe.com

XOMOX® HPBV Features & Benefits

Materials of Construction

- Standard: 1.0619, 1.4408; A216 Gr. WCB, A351 Gr. CF8M
- Optional materials available upon request including but not limited to Duplex, Superduplex, LCC/LCB, WC6, CF3M, Monel®, Inconel®, Hastelloy®, Alloy 20; 1.4469, 1.7357, 1.4409, 2.4460, 1.4539

Size Range

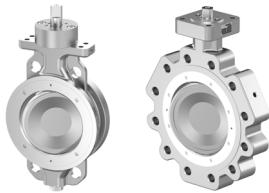
- Standard: DN 80 to DN 600 or 3" to 24"
- Optional Series 800: up to DN 2600 or 102"

Pressure Range

- Standard: PN 10, 16, 25, 40; ASME Class 150 & 300#
- Optional Series 800: up to PN 100 or 600#
- JIS, BS, API and other pressure classes on request

Body Configurations

- Wafer & LUG acc. to DIN EN 558 (R16, R20, R25) & API 609



Temperature Range

- PTFE / RPTFE: -70°C to +232°C; -94°F to 450°F
- Metal-PEEK: -70°C to +260°C; -94°F to 500°F
- Fire Safe (Metal/PTFE): -70°C to +300°C; -94°F to 572°F
- Metal/Graphite: -70°C to +550°C; -94°F to 1022°F
- Cryogenic (Metal-PCTFE): -196°C to +50°C; -321°F to 122°F

Typical Applications

- Chemical and petrochemical industry
- Oil and gas including offshore platforms
- Air separation
- Chlorine liquefaction
- Power generation & energy
- Pulp & paper
- Desalination
- Steam, corn processing, HVAC
- Maritime vessels

Standard Features And Compliance

- TA-Luft compliance acc. to VDI 2440 (2021)
- ISO 15848-1: 2017, Class BH, level CO3 standard, SSA0
- EPA Method 21 (Fugitive Emissions Compliance)
- API 609 and ASME B16.34; EN 12016 valve design standard
- Zero leakage as per API 598; EN12266 leakage rate A
- Fire-Safe acc. to API 607 and EN ISO 10497:2000
- Quality certification as per ISO 9001
- CE-marking according to DGRL 2014/68/EU & PED
- ISO 5211 actuator mounting bracket
- SIL 2 and 3
- API 641
- CRN (Canada) certified
- TSG (China) certified
- EAC (Russia) certified

Special Options

- Fire-Safe
- Leakage Detection
- Primary stem seal
- Oil-free/Grease-free (various designs as per customer request)
- Oxygen application
- Chlorine and phosgene applications
- Smooth seat retainer
- Cryogenic design
- Heating jackets

NEW: LIVE LOADED UPGRADE FOR TA-LUFT 2021

SPECIAL PACKING FLANGE

- Allowing for **EASY RE-TIGHTENING** of the packing, ensuring optimal performance
- Sealing from external dirt and water, **PROTECTING THE TRIM COMPONENTS**

CLOSED TOP FLANGE DESIGN

- ELIMINATES POTENTIAL LEAKAGE PATHS** below the mounting pad
- The longer neck design allows for **THICKER ISOLATION**



VARIOUS SEAT OPTIONS

- Available with various options and materials for **TEMPERATURES UP TO 550 °C** or **1022 °F**
- Achieves bubble tight shut off
- Offers superior durability and an **EXTENDED SEAT LIFESPAN**
- Seat retainer ring available both as **BOLTED** and **SCREWLESS OPTION**

SPECIALIZED BEARING SOLUTIONS

- Low coefficient of friction ensures **SMOOTHER CYCLING** and **REDUCED OPERATING TORQUE** for enhanced efficiency

CLOSED BOTTOM DESIGN

- PREVENTS EXTERNAL LEAKAGE** and offers higher reliability for many sizes and pressure classes

CRANE CHEMPHARMA & ENERGY

Xomox International GmbH & Co. OHG
Von-Behring-Straße 15
8131 Lindau (Bodensee)
Germany
Tel: +49 8382 702 0
Fax: +49 8382 702 144

Crane Company, and its subsidiaries cannot accept responsibility for possible errors in catalogues, brochures, other printed materials, and website information. Crane Company reserves the right to alter its products without notice, including products already on order provided that such alteration can be made without changes being necessary in specifications already agreed. All trademarks in this material are the property of the Crane Company or its subsidiaries. The Crane and Crane brands logotype (ALOYCO®, BAUM®, CENTER LINE®, CRANE®, CRYOWORKS®, DEPA® & ELRO®, DOPAK®, DUO-CHEK®, FLOWSEAL®, GYROLOK®, GO REGULATOR®, HOKE®, JENKINS®, KROMBACH®, NOZ-CHEK®, PACIFIC VALVES®, RESISTOFLEX®, REVO®, SAUNDERS®, STOCKHAM®, TECHNIFAB®, TEXAS SAMPLING®, WESTLOCK CONTROLS®, WTA®, and XOMOX®) are registered trademarks of Crane Company. All rights reserved.