

HP BUTTERFLY VALVES

**WHEN  
PRESSURES  
RISE,  
WE RISE  
TO THE  
OCCASION.**





HP BUTTERFLY VALVES

## COOL UNDER PRESSURE

**IT TAKES SUPERIOR VALVE DESIGN AND CONSTRUCTION TO HANDLE HIGH-PRESSURE SYSTEMS SAFELY AND RELIABLY. HP BUTTERFLY VALVES FROM MILWAUKEE VALVE DELIVER ALL THIS AND MORE.**

**Performance enhancing design:**

- Double-offset disc for excellent sealing with minimal seat contact and wear.
- Blowout-proof stem to prevent injury and product loss.
- Adjustable stem packing to eliminate leakage.
- Seat activation that uses a combination of pressure and a stainless steel spring for repeatable, reliable sealing and extended cycle life.

**Reliability improving construction:**

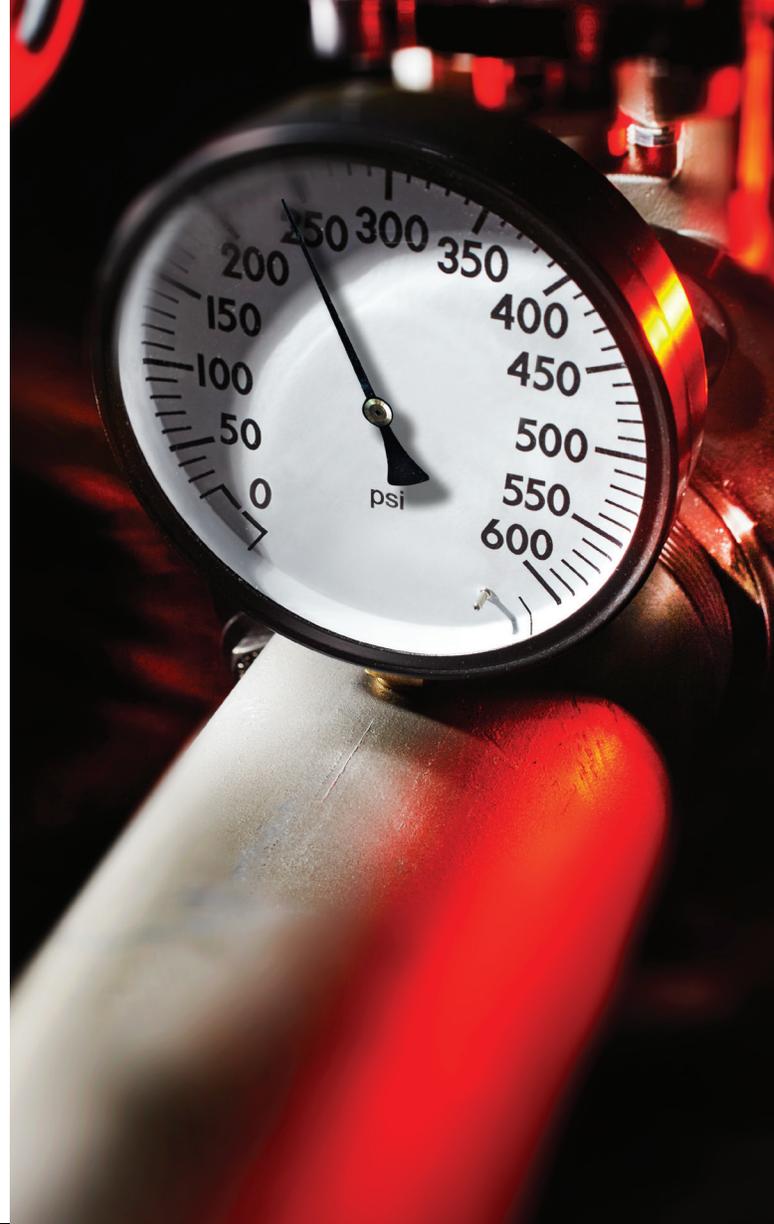
- One-piece shaft and disc for maximum strength and Cv.
- Internally cast position stop on the disc, to maintain optimum disc/seat contact and prevent over-travel.
- Welded taper pin at the stem/disc connection, to increase strength and minimize lost motion.

All HP Butterfly Valves offer bi-directional bubble-tight sealing. Lug-body valves enable bi-directional dead-end service at full rated pressure. **Carbon steel valves can be ordered with stainless steel seat retainers for use in corrosive service, such as steam condensate.** (Consult factory with specific application requirements.)

## PERFORMANCE UNDER PRESSURE.

Used extensively in high-rise buildings, HP Butterfly Valves handle the high pressure that results from head pressure in HVAC applications.

They also stand up to the harsh rigors of chemical and paper processing and fluid reclamation during the hydraulic fracturing process. Though these applications are not always high pressure, they can involve high temperatures and corrosive liquids that would degrade standard rubber-seated butterfly valves.



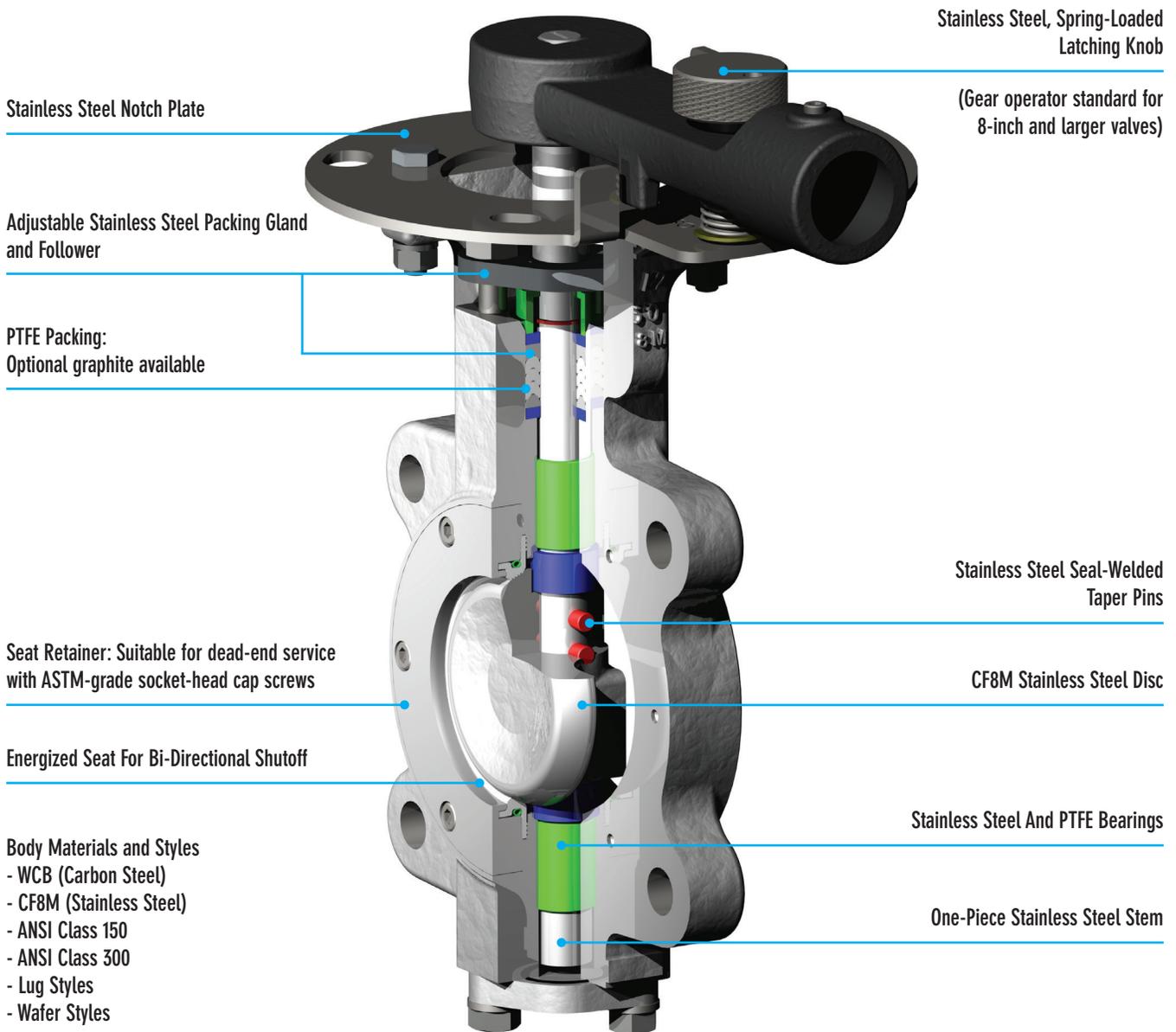
## NO-FAIL RELIABILITY.

In addition to high-pressure applications, HP Butterfly Valves are commonly specified in data centers, where chilled water is used to cool servers and other equipment to prevent damage that would interrupt service. They're designed for mission-critical operations where superior reliability is required.

From skyscrapers to subterranean drilling, HP Butterfly Valves give you the reliability you need to keep service flowing smoothly. Learn more at [www.MilwaukeeValve.com](http://www.MilwaukeeValve.com).

# SPECIFICATIONS

- Valve sizes 2½" through 48" with flanged-end connections per ASME/ANSI B16.5
- Valve face-to-face dimensions adhere to MSS-SP-68
- Valve bodies are cast in high quality steel with standard availability in ASTM A216 WCB carbon steel and ASTM A351 CF8M stainless steel
- Body wall thickness meets ASME/ANSI B16.34 standards and complies with quality standard MSS-SP-55 for steel castings
- High-performance valves meet MSS-SP-68 guidelines for double-offset design
- Valve pressure tests attain MSS-SP-61; valve testing and inspection meet API 598
- Tagging meets MSS-SP-25 and API 609



**QUALITY**  
IN EVERY VALVE



**MILWAUKEE VALVE**

16550 West Stratton Drive, New Berlin, WI 53151  
Phone 262-432-2700 | Fax 262-432-2701  
[www.MilwaukeeValve.com](http://www.MilwaukeeValve.com)

© 2019, Milwaukee Valve Company  
The Milwaukee Valve logo is a registered trademark of Milwaukee Valve Company