

TØV Detailed Specification

3 to 12 Inches, Lug & Wafer

Carbon & Stainless Steel

ASME Class 150/300

Valve Details

- Lug | Wafer
- NPS 3 to 12
- ASME Class 150, 300
- Milwaukee Valve TØV or approved equal

General

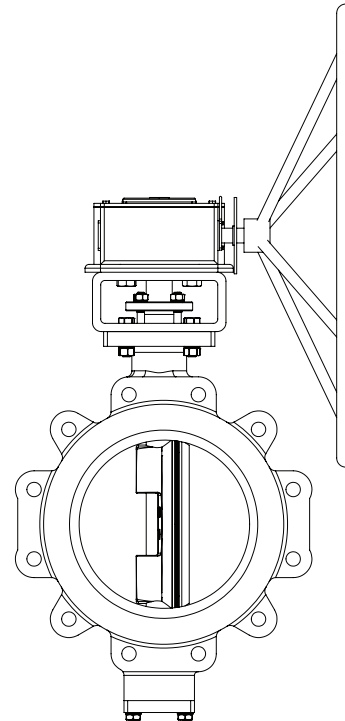
- The valve shall be:
 - Triple offset design per API 609 Category B and ASME B16.34.
 - 90° clockwise to close.
 - Metal-to-metal torque seated Class VI shutoff for zero-leakage.
 - Bi-directional bubble-tight shutoff.
 - Fire-safe to API 607 8th edition.
- The valve shall have temperature capabilities up to 800°F.
- The valve markings shall conform to MSS SP-25.
- The valve end connections shall conform to ASME B16.5.
- The valve's face-to-face dimension shall conform to API 609 and ASME B16.10.

Body and Seat

- The body shall be one piece cast wafer or lug design of ASTM A216 WCB or ASTM A351 CF8M.
- The body seat shall be a welded overlay of Stellite 21.

Disc and Seal Ring

- The disc material shall be one piece cast design of ASTM A351 CF8M.
- The seal ring shall consist of stainless steel and graphite lamination.
- The seal ring shall be held securely in place by the disc seat retainer bolted to the disc.
- The sealing design shall be an inclined conical angle to ensure there is no contact of metal sealing components until the final degree of closing.



Stem and Packing

- The stem shall be a one-piece design and not pinned to the disc.
- The stem material shall be 17-4PH stainless steel.
- The stem shall be connected to the disc by means of an internal wedge and set screw.
- The stem shall be blow-out proof through means of the disc-stem connection.
- The bottom cap seal shall be a spiral wound gasket.
- The stem packing shall consist of an adjustable packing gland with graphite and reinforced graphite rings.

Operator

- The primary operator shall be a gear operator with a disc position indicator.
- Gear shall utilize bracket alignment keys for square placement.
- ISO 5211 mounting pad available for actuation.

Testing

- The valve body shall be hydrostatically tested per API 598 with zero leakage allowed.
- The valve shall be seat tested in both directions per API 598 criteria for resilient seated valves. Zero leakage allowed.

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operations and Maintenance Manual (IOM) and the most current product information, go to www.milwaukeevalve.com.

⚠ State of California Prop 65 Warning: Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

