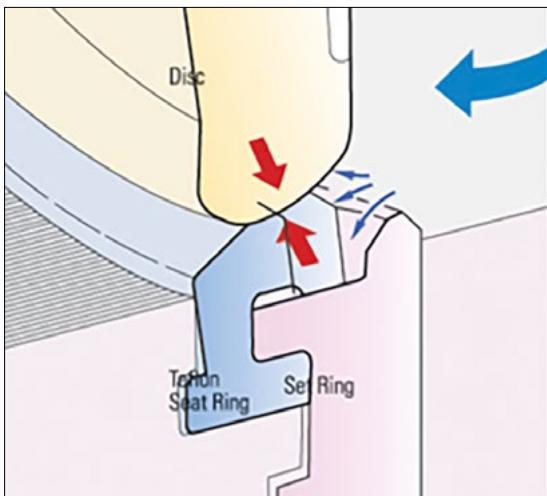
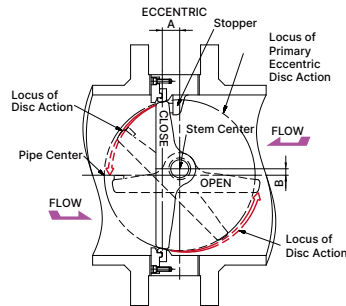


Self-Sealing Mechanism Ensures Tight Shutoff.

As illustrated below, fluid pressure to the disc and seat ring ensures a secure seal in other words, the higher the pressure, the better the sealing performance. The sealing performance remains unchanged even when the flow direction changes from one way to the other.



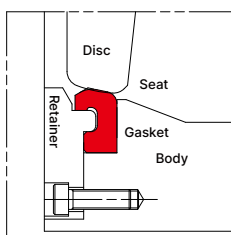
Double Eccentric Disc Ensures Longer Service Life, Low Seating Torque and Leak-Tight Shutoff.



Since the stem is eccentric from the seat ring (as indicated by A and B), the disc is in contact with the seat ring only when the valve is completely closed. The benefits from the double eccentric disc design include:

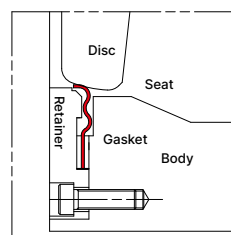
- Longer service life due to hard-to-wear seat ring.
- When in the closed position, the force of the disc on the seat ring ensures complete sealing.
- Easy operation with less seating torque.
- The offset stem design allows easy replacement of the seat ring without removing the stem

R-PTFE SEAT



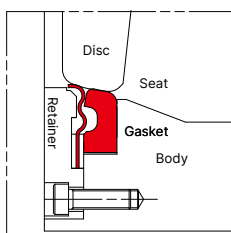
The elasticity of the seat ring guarantees sealing according to EN 12266, Leakage Rate A (tight): Leak test with air. The constant test pressure corresponds to the permissible working pressure at 20°C, not exceeding 6 bar.

METALLIC SEAT



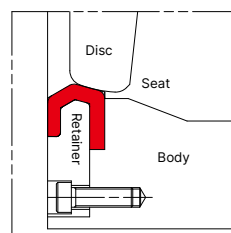
The seat ring made of inconel and is extremely temperature stable. Tightness according to EN 12266 Leakage Rate B (tight): Testing conditions corresponding to EN 12266, Leakage Rate B, but test media water.

FIRE SAFE SEAT



The combination of a PTFE and an Inconel seat ensures the sealing acc. To EN 12266 (Leakage Rate A) and a metal sealing acc. to API 607 5th edition after heat impact.

RUBBER SEAT



The elasticity of the seat ring guarantees sealing according to EN 12266, Leakage Rate A (tight): Leak test with air. The constant test pressure corresponds to the permissible working pressure at 20°C, not exceeding 6 bar.