

Rotary Process Valves

The undisputed leader in triple offset valve technology, Vanessa offers the ultimate performance in a large range of materials, sizes, classes, temperatures and applications. The non-rubbing triple offset design, in combination with the resilient metal seal ring, helps ensure zero leakage performance over the highest possible valve cycle life.

Vanessa Series 30,000 QTF, QTG, QTL and QTW

Triple Offset, Metal Seated, Bi-Directional Zero Leakage for Critical Service



QTF Double Flange



QTG Double Flange



QTL Lug Style



QTW Wafer Style

- Torque-generated resilient metal seal ring helps provide zero leakage performance.
- Torque-seating action ensures continuous bi-directional, zero leakage performance.
- Quarter-turn, non-rubbing design achieved by a unique, triple offset geometry eliminates all seat-to-seal rubbing throughout the valve's 90 degree rotation.
- All metal construction and inherently fire safe, certified per API 607 4th Edition.
- Single-piece cast body, and Stellite hardfaced integral seat permits broader applications, longer valve life and less maintenance.
- Standard long length hardened stainless bearings with bearing protectors provide the highest level of protection in dirty or polymeric applications.
- Standard externally retained, blowout-proof shaft is safer to operate and provides complete compliance to API 609.
- Standard integral position indicator on the shaft and top mounting flange ensure positive disc position identification.
- Double-flanged model QTF adheres to the face-to-face dimensional requirements of ISO 5752.
- Double-flanged model QTG adheres to the face-to-face dimensional requirements of ASME B16.10.
- Single-flanged lug model QTL and wafer model QTW both adhere to the face-to-face dimensional requirements of API 609.
- Standard carbon steel and stainless steel bills of material and many alloy bills of material are available upon request.

Size Range: 3" to 112"

Pressure Ratings: ASME Class 150, 300, 600 and 900

Flange Standard: ASME B16.5, ASME B16.47 Series A & B

Industries Served: Refining, chemical, petrochemical, pulp and paper, pharmaceutical, power, marine, steam distribution, specialty chemical, sugar processing and municipal water.

Other

Configurations: Cryogenic, Buttweld, High Temperature

Request Data Sheet: VANLT-0005-US