

Whether Your Gate Valves Have Completely Failed or Are Leaking, You Should Take a Close Look at Vanessa™ Triple Offset Valves (TOVs) For a Superior, Highly Reliable, Cost-Effective Replacement Solution

Vanessa Is in a Class by Itself: Zero Leakage. Bubble Tight.

Gate valves have too many ways to fail—and unfortunately, fail often. A more reliable option is available and in stock at Scallon Controls. We have seen that our customers need to replace their gate valves every few years; they leak from the start and never seal off perfectly again. While you may not have chosen triple offset valves in the past, the Vanessa, our gold standard—and the new standard for many of our customers—is bubble tight, available locally, and at a price point that won't break your budget.

Why Vanessa TOV Is Our Flagship Isolation Valve



**Simplified Change Out
With No Piping Modifications**

Vanessa TOVs feature 'plug and play' installation. Replacement is easy—the double flanged valve is offered in both a short and long option, making it almost effortless to drop into a gate valve, face-to-face.



**Lower Fugitive
Emissions**

The quarter turn rotation design eliminates any negative effects on packing caused by rising stems. If you need to reduce emissions, this is the valve for you.



**Lower Cost
of Actuation**

The non-rubbing, metal-to-metal design enables a lower and consistent torque demand. Note that these valves are torque seated, just like your gate valves—the more force you apply, the better it seals, so your mechanics will be familiar with how these work.



**Local Inventory,
Engineering & Service Team**

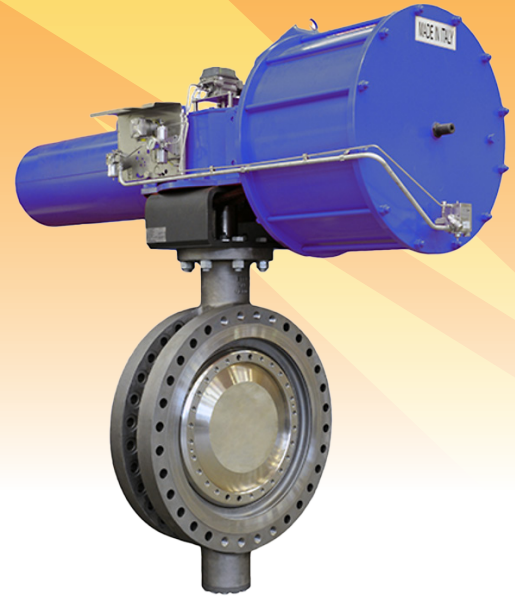
Unlike gate valves, which you would normally throw away once damaged, Vanessa TOVs can be repaired. Our OEM factory-trained service technicians will get them back to new again, bubble tight, at our Emerson-certified service center, right here in Beaumont, TX.

Having Issues With a Leaking Valve?

Make Vanessa™ YOUR standard.
Contact our experts to get the best
Zero Leakage, Bubble Tight TOV available.



Vanessa Triple Offset Valves perform bidirectional zero leakage tightness (according to 'Leakage Rate A' of ISO 5208 and EN 12266-1 standards, and the 'Resilient Seat Valves' requirement of API 598) through non-rubbing 90-degree rotation and metal-to-metal torque seating.



FEATURES

- Robust and fire-resistant all-metal construction
- Stellite® grade 21 seat overlays provide excellent durability
- Resilient metal seal ring ensures perfect seating force distribution around precision-machined seat circumference
- Easily replaceable multi-layered duplex and graphite seal rings
- Robust one-piece shaft designed to transfer/maintain torque efficiently
- Two-piece packing gland and graphite packing minimize external emission risk
- Key secured shaft-to-disc connection for maximum shaft integrity
- Heavy duty bearings withstand high pressure loads and wear
- Braided graphite bearing protectors prevent dirt intrusion, ensuring constant running torque and valve operability
- Internal and external shaft extrusion risk handling complies with international standards
- Flange spot facing ensures bolting nut and washer planarity, increasing joint reliability and safety
- Open/closed disc references and external disc position indicator simplify installation/removal procedures to API 609
- Spiral wound gaskets, seal and packing rings replaceable with no special tools

TECHNICAL DATA

Sizes: DN 80 - 3000 (NPS 3 - 120)

Pressure ratings: ASME class 150 - 1500; EN PN 10 - 250

Temperature range: -60°C to +450°C (-76°F to +842°F)

STANDARDS

Design: API 609, EN 593; ASME B16.34, EN 12516

Flange: ASME B16.5/ASME B16.47; EN 1092-1; ISO 7005

Face to face: ISO 5752; EN 558; ASME B16.10; API 609

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**WE MAKE
INDUSTRIES
STRONGER.
SAFER.
SUSTAINABLE.**