

# Zwick Tri-Con VS. Others



Ball Valves

Gate Valves

Zwick Tri-Con Valves

## Comparative Features to Gate and Ball Valves

### Zero Leakage

Rigid bi-directional testing (API 598, API 6D) confirms the ability of Zwick Tri-Con valves to prevent leakage.

### Resilient Metal Seat

Even in the most severe applications, metal seating provides long-term zero leakage.

### Quarter-Turn Operation

Stress on piping is reduced while automation is simplified. Compared with other designs, fugitive emissions are substantially reduced.

### All-Metal Construction

Zwick Tri-Con all-metal construction provides greater resistance to higher temperatures.

### Inherently Firesafe

Zero leakage and all-metal construction make Tri-Con valves inherently firesafe.

### Patented Seal Bearing

Tri-Con offers zero to low ppm performance out of the stem packing.

### Zero-PPM Performance

A superior bearing and bushing design combats the migration of particulates.

### Bi-Directional

Tri-Con valves are bi-directional and provide zero-leakage shutoff.

### Nonrubbing Design

The unique triple eccentric offset conical seating eliminates rubbing and wear throughout the quarter turn option.

### Double-Flange Body

The compact design makes installation and maintenance easier (Lower TCO).

### Available ANSI B16.10 Face to Face

Zwick Tri-Con allows direct replacement of most gate, ball and globe valves.

### Available API609, Face to Face

The Zwick Tri-Con allows operators to easily upgrade from double eccentric high performance (H.P) butterfly valves.

### Lightweight

Reduce piping stress and maintenance while also lowering construction costs.

### ANSI 150/ 300/ 600/ 900 - DIN PN 10/16/25/40/64/100

Zwick Tri-Con valves are available in familiar gate and ball valve pressure standards.

Sizes DN 50 (2") to DN 2200 (88")

Zwick Tri-Con has the right sized valve for nearly all applications.

### Cryogenic to -196°C

Get the low-temperature performance you need.

### High Temperature to 815°C

Zwick Tri-Con valves offer better shutoff performance than with soft-seated valves.

### Ease of Automation

Tri-Con quarter-turn valves require less time and cost to automate.

### Fast Operation

Get closing times as fast as 0,15 seconds.