

Model 584

Flex-Check Valve

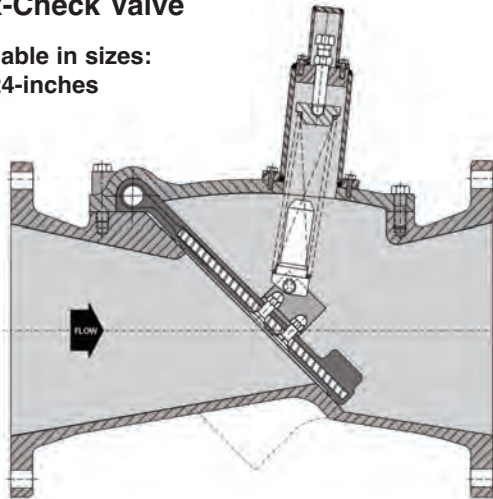


- Full Pipe Size Flow Area
- Drip Tight Seating
- Non-Slam Closure
- Fusion Bonded Epoxy NSF-61
- Available with Integral Surge Protector, Position Indicator and Backflushing features
- Sizes 1 through 24 inches available
- Meets Federal Mandate for Lead Content Limits

The Cla-Val Series 584 Flex-Check Valve has a full-flow area body with integral seat at 45° angle to reduce head loss. This minimizes disc travel to 35° degrees for improved non-slam check action and for reliable vertical up flow operation even on slurry applications. Body and Cover are fusion bonded NSF-61 epoxy coated for long service life on potable and non-potable systems. Unique one-piece steel and nylon reinforced BUNA-N rubber flapper flexes to eliminate traditional metal hinge problems. During system flowing conditions the flapper flexes up to the open position allowing unrestricted flow through the valve. When system reverse flow conditions occur the flapper flexes down to the closed position for drop-tight seal preventing reverse flow. The flapper reliability is test-proven to over one million cycles. The optional Return Flow Actuator offers manual opening for pump priming, back flushing, draining lines, or system testing needs and is easy to field install.

Model 584SP Surge Protector Flex-Check Valve

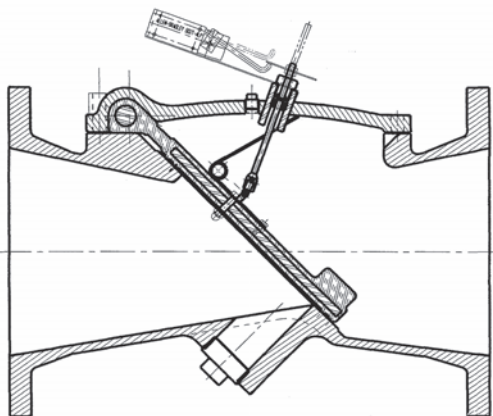
Available in sizes:
3 - 24-inches



Typical Applications

- Water Systems
- Industrial Waste
- Erosive Services
- Acid Lines
- Light Slurries
- Leaching Lines
- Brine & Salt Water Systems
- Raw Sewage
- Chemical Lines
- Ash Service
- Tailings Systems
- Corrosive Services
- Scrubbers

Model 584SA Flex-Check with Optional Position Indicator



Available in sizes: 3 - 24-inches

Model 584BF Backflushing Flex-Check Valve



Sizes
3 - 24 inches

Optional Return Flow Actuator
3-inches and larger