

**2-66”(50-1650mm) APCO CVS-6000-CLW or -CLS
Convertible Swing Check Valve Specification**



APPLICATION DATA 6000.01-5

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Supersedes October 1, 2012

Convertible Swing Check Valves to be APCO model CVS-6000-CAC, as manufactured by DeZURIK, Inc. or pre-approved equal.

Convertible check valve shall have a Lever & Weight or Lever & Spring. Valve shall be capable of converting to an Air Cushion Cylinder, Bottom Mounted Buffer (8-66”) or Side Mounted Oil Control (2-20”) that can be mounted to either side of the valve without modifying the valve body, disc or shaft. It shall not be necessary to remove the valve from the pipeline for this conversion.

Body shall be ASTM A536 ductile iron. End connections shall be flanged class 125/150 per ASME B16.1. Valves 6” and larger shall have a drain plug located on the bottom of the valve.

Body Seat shall be 316 stainless steel per ASTM A276 with an O-ring seal, and locked into place with stainless screws.

Disc and Disc Arm shall be ASTM A536 ductile iron. The disc shall be attached to the disc arm with a double clevis hinge to assure self-leveling and even load distribution upon closure, minimizing seat wear. Disc shall have an independent adjustable full open disc stop. The disc arm, valve body or cover is not to be used as the disc stop. Disc seat shall be nitrile butadiene (NBR) and field replaceable without the use of special tools.

Pivot shaft shall be heavy duty one-piece ASTM 564 Type 630, 17-4PH stainless steel protruding through both sides of the body with a lever & weight. The pivot shaft shall have an integral retainer to prevent axial shaft movement. The pivot shaft shall have O-rings seals on both sides of the shaft.

Valve is to be tested by the manufacturer as a complete assembly per AWWA C508.

Warranty: Valve shall be warranted by the manufacturer for defects in materials and workmanship for a period of two years (24 months) from date of shipment.