

**APCO DOUBLE DOOR CHECK VALVES (CDD)
SUGGESTED SPECIFICATION**



APPLICATION DATA 9000.01-1

September 25, 2015
Supersedes Specification in
Bulletin 9000
October, 2011

Double Door Check Valves shall be APCO model CDD as manufactured by DeZURIK, Inc.

Double Door Check Valve shall be compact wafer or lug design to fit between pipe flanges.

Flow from the pump shall cause the doors to open, and upon pump shut down the torsion spring shall shut the doors prior to flow reversal.

Check valve doors shall be spring loaded, normally closed, by means of one or more heavy-duty stainless steel or nickel-chromium alloy torsion springs. Door material shall be aluminum bronze ASTM B148 alloy 952, stainless steel ASTM A351 CF8M or specify_____.

Hinge and stop pins shall be type 316 stainless steel.

Valve seating of a resilient material shall create a bubble tight seal.

Valve sealing element shall be (NBR) (EPDM) (FKM) molded to the body. Metal seat shall be same material as the body on stainless steel valves, or metal seat with stainless steel inlay on carbon steel body valves.

Pressure ratings shall be per ASME B16.42 for ductile iron bodies or ASME B16.5 for steel valves. Pressure class shall be dual rated 150/300 for 2-6" (50-150mm) wafer body valves, class 150 for lugged valves, class 150 for 8" (200mm) and larger wafer valves, or specify_____.

Valves shall be fitted with a lifting eye bolt for installation purposes for ductile iron bodies 10" and larger or steel bodies 8" or larger.

Two Year Warranty shall be provided for all valves.