

SERIES 9001 SWING CHECK VALVE**General**

Swing check valves are of self-contained, free-swinging disc style, allowing a clear waterway. Valve disc swings freely open and is keyed to valve hinge pin without use of pins. Valves conform to all standards set forth in AWWA C508, Latest Edition. Valve hinge pins are Stainless Steel.

Manufacturer should have minimum of 10 years of experience in supplying AWWA C508 valves. Valves may be supplied with external lever with weight or spring to assist closure if required by customer. The pressure rating shall be 200 for valves 12" and smaller and 150 psi for valves 14" through 24". Valve shall be Pratt Series 9001 Swing Check Valve as manufactured by the Henry Pratt Company.

Referenced Standards:

- ANSI B16.1: Cast Iron Pipe Flanges and Flanged Fittings Class 125
- AWWA C508: Swing Check Valves for Waterworks Service, 2" through 24" NPS

Valve Bodies

Valve bodies shall be of ASTM A-126 Class B cast iron. Flanges shall be in full compliance with ANSI B16.1 Class 125. Seats shall be constructed of ASTM B-62 bronze or of Stainless Steel conforming to ASTM A276 GR316 and be mechanically retained in the valve body.

Valve Disc

Disc shall be of Ductile iron ASTM A-276 grade 65-45-12 with mechanically secured bronze disc seat of ASTM B-62 material.

Valve Hinge

The hinge shall be constructed of ductile iron ASTM A-536 Grade 65-45-12 with a stainless steel hinge pin. Packing shall be non-asbestos type and mechanically adjustable.

Coating

Internal and external coatings are two-component epoxy conforming to AWWA C550.

Testing

Testing shall be performed in accordance with AWWA C-508-93 with the test results being furnished to the customer upon request.



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