

**SERIES 8001 SWING CHECK VALVE****General**

Swing check valves are of self-contained, free-swinging disc style, allowing a full 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 8001 Swing Check Valve as manufactured by the Henry Pratt Company.

**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 and be mechanically retained in the valve body.

**Valve Disc**

Disc shall be of cast iron ASTM A-126 Class B 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.

**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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