Series 820 AWWA Butterfly Valve
3" – 24"
Standard Specification

- Valves shall be of the rubber seat type, manufactured in accordance with AWWA C504, Class 150B, latest revision. Valves shall be bubble tight at the rated pressure, bi-directional, and be suitable for either on/off or throttling service. Valves shall be certified to NSF/ANSI-61 and NSF/ANSI-372. All valves shall be Homestead Series 820.

- Bodies shall be constructed of ASTM A536, Grade 65-45-12 ductile iron. Flanged valves shall be fully faced and drilled in accordance with ANSI B16.1, Class 125. Mechanical joint valves shall have ends conforming to ANSI/AWWA C111/A21.11.

- Discs shall be constructed of ASTM A536, Grade 65-45-12 ductile iron with a 316 stainless steel edge.

- Rubber body seats shall cover the entire interior through surface of the body. Seats shall be of one-piece construction and be bonded and vulcanized to the body. Mechanically retained seats are not acceptable.

- Shafts shall be constructed of ASTM A276, Type 316 stainless steel and be a one-piece design.

- Bearings shall be constructed of a non-metallic, corrosion-resistant, self-lubricating material. Bearings shall be a sleeve-type design, capable of horizontal or vertical shaft loading.

- Shaft packing shall be V-type chevron style. U-Cup or O-Ring packing is not acceptable.

- Body and Disc shall be coated with an NSF-61 Approved fusion bonded epoxy.

- All valves shall be hydrostatic and seat leakage tested in strict accordance with AWWA C504.

- Manufacturer shall have a minimum of five years experience producing AWWA butterfly valves.