



**Product Specifications**

Miami-Dade Water & Sewer Department  
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**Butterfly Valve**



**Minimum Standards**

- AWWA C504, C550, C111
- ASME/ANSI B16.1-Class 125, ASTM A48-Class 40, ASTM A126-Class B, ASTM A536, ASTM A216-Grade WCB, ASTM A436-Type 1 or 2, ASTM A439-Type D2, ASTM A123, ASTM A153
- MDWASD Specifications: Sections 40 05 58 (15100), 40 05 64 (15110)

**Other Requirements**

- NSF61/ANSI for potable water applications
- Butterfly valve shall be provided with a torque limiting device designed to protect the actuator and valve parts with an input of 200 to 220 ft-lb
- Manual operators for valves 24-inch and smaller shall be of totally enclosed worm gear or traveling-nut type, permanently lubricated, suitable for buried or submerged operation
- Manual operators for valves 30-inch and above shall be totally enclosed worm gear operators, permanently lubricated, adjustable travel stops, suitable for buried and submerged operation, and shall be Limitorque type HBC or modified WG with AWWA input shaft stop and gear box, Rotork IW-RL-MD-RAW.
- Valve Shaft – 316 Stainless Steel

**Applications**

- Water

**PRE-APPROVED MANUFACTURER**

- 1) Clow
- 2) DeZURIK
- 3) Kennedy
- 4) Mueller
- 5) Pratt

**Issue Date: 4/4/2016**

**Revised Date: 4/8/2022**

**APPROVED PRODUCTS / MODELS**

| SIZE      | MANUFACTURER | MODEL                       | SUBMITTED                |
|-----------|--------------|-----------------------------|--------------------------|
| 30" - 54" | Clow         | Style #1450, MJ and Flanged | <input type="checkbox"/> |
| 3" - 54"  | DeZURIK      | BAW                         | <input type="checkbox"/> |
| 30" - 54" | Kennedy      | 1450 Series                 | <input type="checkbox"/> |
| 3" - 24"  | Kennedy      | 4500 Series                 | <input type="checkbox"/> |
| 16" - 20" | Mueller      | LINSEAL III                 | <input type="checkbox"/> |
| 24" - 54" | Pratt        | XR-70                       | <input type="checkbox"/> |
| 3" - 20"  | Pratt        | 2F II                       | <input type="checkbox"/> |
| 16" - 30" | Pratt        | Groundhog                   | <input type="checkbox"/> |

**SIZES FURNISHED:**

- |                              |                              |                              |
|------------------------------|------------------------------|------------------------------|
| <input type="checkbox"/> 16" | <input type="checkbox"/> 30" | <input type="checkbox"/> 54" |
| <input type="checkbox"/> 18" | <input type="checkbox"/> 36" |                              |
| <input type="checkbox"/> 20" | <input type="checkbox"/> 42" |                              |

24"

48"

**COMMENTS:** \_\_\_\_\_

**Approved by:** MDWASD Departmental Standards, Specifications and Product Committee

**Revision History:**

11-2018 – Added information for approved operators

8-20-2021 – Removed Golden Anderson

4-8-2022 – Modified range size for Pratt XR-70, from 24" - 48" to 24" - 54"