



Sheet Number: 4.1

## 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
- Valves shall have epoxy retained seat configuration.
- 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    | 4) Mueller       |
| 2) DeZURIK | 5) Pratt         |
| 3) Kennedy | 6) Crispin Valve |

Issue Date: 4/4/2016

Revised Date: 10/19/2023

### 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"/>
16" - 20"	Crispin Valve	KFLO 500 Series	<input type="checkbox"/>

24" - 54"	Crispin Valve	474 Series L2 (seat on valve body)	<input type="checkbox"/>
<b>SIZES FURNISHED:</b>			
<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"		
<input type="checkbox"/> 24"	<input type="checkbox"/> 48"		
<b>COMMENTS:</b> _____			
_____			
_____			
<b>Approved by:</b> MDWASD Departmental Standards, Specifications and Products Committee			
<b>Revision History:</b> 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" 12-22-2022 – Added Crispin, 47 Series 10-19-2023 – Added Crispin KFLO 500 Series; added valves shall have epoxy retained seat configuration on the requirements.			