



Product Specifications

Miami-Dade Water & Sewer Department
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Plug Valve



Minimum Standards

- ANSI/AWWA C507, C517, C606
- ANSI/AWWA C111; ANSI B16.1; ASTM A126 Class B, ASTM A536 Grade 65-45-12, ASTM A123, ASTM A153
- MDWASD Specifications: Sections 40 05 58 (15100), 40 05 62 (15125)

Other Requirements

- Non-Lubricated Eccentric Type with Resilient Faced Plugs
- Minimum Working Pressure: 150psi ≤ 36" diameter
- All plug valves 8-inches and larger shall be full port – 100% Port Area
- 80% Port Area allowed for valves 6" and smaller only at locations away from Pump Stations
- 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.

Applications

- Sewer

Issue Date: 4/4/2016

Revised Date: 5/5/2022

- | | |
|------------|-------------------|
| 1) Clow | 4) Val-Matic |
| 2) Dezurik | 5) Kennedy |
| 3) Pratt | 6) VSI Waterworks |

APPROVED PRODUCTS / MODELS

SIZE	MANUFACTURER	MODEL	SUBMITTED
4" - 24"	Clow	F-5412 Eccentric Plug Valves FLG	<input type="checkbox"/>
4" - 24"	Clow	F-5413 Eccentric Plug Valves MJ	<input type="checkbox"/>
4" - 48"	Dezurik	PEF 100% Port Eccentric Plug Valves	<input type="checkbox"/>
4" - 30"	Dezurik	PEC Eccentric Plug Valves	<input type="checkbox"/>
4" - 36"	Pratt	Pratt Ballcentric Plug Valves Full Port	<input type="checkbox"/>
4" - 30"	Val-Matic	Series 5600 or 5800 Eccentric Plug Valves	<input type="checkbox"/>
4" - 30"	Val-Matic	Series 5700 or 5900 Port (Cam –Centric)	<input type="checkbox"/>
4" - 48"	Kennedy	Kennedy Full Port Rectangular Plug Valve	<input type="checkbox"/>
4" - 12"	VSI Waterworks	Eccentric Full Port Plug Valves Series PVII (For Pump Stations Use Only)	<input type="checkbox"/>
14" - 16"	VSI Waterworks	Eccentric Full Port Plug Valves Series PVIF (For Pump Stations Use Only)	<input type="checkbox"/>

SIZE FURNISHED:

- | | | |
|------------------------------|------------------------------|--------------------------------|
| <input type="checkbox"/> 4" | <input type="checkbox"/> 12" | <input type="checkbox"/> 20" |
| <input type="checkbox"/> 6" | <input type="checkbox"/> 14" | <input type="checkbox"/> 24" |
| <input type="checkbox"/> 8" | <input type="checkbox"/> 16" | <input type="checkbox"/> 30" |
| <input type="checkbox"/> 10" | <input type="checkbox"/> 18" | <input type="checkbox"/> Other |

COMMENTS: _____

Approved by: MDWASD Departmental Standards, Specifications and Products Committee

Revision History:

11-2018: Added information for approved operators; modified range of Golden Anderson to 12-inch;

1-22-2019: Received Golden Anderson information approved size to 30-inch;

8-20-2021: Removed Golden Anderson;

5-5-2022: Added VSI Waterworks, Series PVII and PVIF; **(For Pump Stations Use Only)**