

# MILLIKEN®

a MUELLER brand

## PRODUCT LINE CARD



**MUELLER**

# MILLIKEN®

a **MUELLER** brand

## PLUG VALVES

The Milliken® Millcentric® Plug Valve is available in sizes ranging from 1/2" - 72" and is designed specifically for wastewater applications. The round port design is available on sizes 1/2"-12", offers less resistance to slurry, sludge, and fluid flow resulting in less erosion, longer service life, and reduced pumping costs. The large round port design can pass larger solids reducing plugging problems. Round port valves offer better flow characteristics resulting in less pressure drop across the valve. Pressure rating on 12" and smaller is 175 psi, pressure rating on 14" and larger is 150 psi. Higher pressures are available on request. 100% / full port valves available in 1/2" - 48".

The Milliken plug valve line includes our Multiport Plug Valve. Combining simplicity of design with high quality manufacturing process, the Multiport Millcentric valve provides high flow and large solids passage, permitting smaller valves to be used without sacrificing flow integrity.



# CHECK VALVES

Milliken® CCNE Series

Milliken CCNE Series 8000, 9000 and 8500 Swing Check Valves are self-contained, free-swinging disc style with outside lever and weight or outside lever and spring. Valves conform to all standards set forth in AWWA C508. Best used in wastewater, water, sewage, oil, and gas applications. The 8000 series are produced with cast iron body, bronze or stainless steel body seat rings, Bronze, Buna-N or EPDM disc inserts, and hinge pins of corrosion resistant stainless steel. The 9000 Series feature enlarged hinge pins and upgraded materials of construction to handle the additional requirements of an air or oil cushion. They are produced in cast iron body, bronze or stainless steel body seat rings, Bronze, Buna-N or EPDM disc inserts, and hinge pins of corrosion resistant stainless steel. Valves are field convertible to bronze air cushion or oil cushion systems. The 8500 series is a high pressure check valve rated to 350 psi. Valve bodies are ductile iron standard and the valves come equipped with a stainless steel body seat ring and air cushion. All CCNE check valves have internal and external epoxy coating conforming to AWWA C550 standard. Valves are designed for horizontal or vertical installations and for uninterrupted continuous service.



# MILLIKEN® FLEX CHECK

In keeping with our commitment to quality, reliability and value the ductile iron Flex Check continues to set the standard. Simplicity and innovation are designed into each valve to provide dependable maintenance free performance. Specify with confidence: The Milliken Flex Check has undergone a rigorous 1,000,000 continuous cycle test with no signs of wear or distortion to the valve disc or seat. Test results are available from an independent testing facility upon request.

The only moving part in the Flex Check is in the disc which features a fully encapsulated steel disc with nylon reinforcement in the flex area. The molded elastomer with integral o-ring ensures a bubble tight shut off preventing backflow. The Milliken Flex Check is rated at 250 psi.

The flow area of the Milliken Flex Check is equal to or greater than the equivalent pipe size throughout, resulting in low head losses compared to other types of check valves. The Milliken Flex Check is suitable for installation in both horizontal and vertical pipelines with flow upward. Options such as mechanical position indicator, limit switches and backflush device are available.

## SPRING LOADED CHECK VALVES

The Milliken Series of spring loaded check valves are designed to provide reliable performance in applications where non-slam closure in clear fluids is required. Available in double-disc, center guided globe pattern or compact wafer designs; each model provides an economical solution to prevent flow reversal and combat water hammer.



# AWWA BUTTERFLY VALVES

Milliken® AWWA butterfly valves meet the requirements of AWWA C504 standards and are used for shutoff of both clean and dirty water. The seat in body design is offered with either flanged or mechanical joint ends and the Milliken butterfly valve is available in sizes ranging from 3" to 72" (up to 48" for mechanical joint). Valves come standard with a internal and external liquid epoxy coating. On valves 24" - 72" in size the flow through disc design results in lower head-loss than solid or hollow disc designs. All valves 24" and larger have a mechanically retained rubber seat in the body that allows for easy 2 way adjustment in the field without the need for special tools.

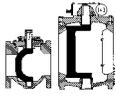


# NOTES

---

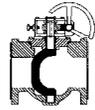
# NOTES

## MILLIKEN® Product Guide



**SERIES 600/601**  
**Eccentric Plug Valve**  
Flanged and MJ

- Welded Nickel Seat
- Stainless Steel Bearings
- ANSI-B16.1 Flanges
- Solid Ductile Iron Plug
- Low Pressure Drop
- Flanged & MJ Ends
- Sizes 2" - 72" FL
- Sizes 3" - 48" MJ



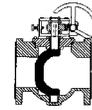
**SERIES 601SS**  
**Eccentric Plug Valve**

- Integral Stainless Seat
- Stainless Bearings
- Stainless Steel Body
- ANSI B16.5 Class 150 Flanges
- Solid Stainless Steel Plug
- Low Pressure Drop
- Size: 1/2" - 24"



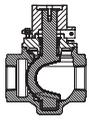
**SERIES 601RL**  
**Eccentric Plug Valve**  
Rubber Lined

- Soft or Hard Rubber Lining
- Stainless Steel Bearings
- ANSI B16.1 Flanges
- Solid Ductile Iron Plug
- Low Pressure Drop
- Sizes 3" - 54"
- Metal Plugs Available - Consult Factory



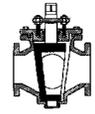
**SERIES 602**  
**Eccentric Plug Valve**  
High Pressure

- Ductile Iron Body
- ANSI B16.1 Flanges
- MJ AWWA C111
- Welded Nickel Seat
- Solid Ductile Iron Plug
- Low Pressure Drop
- Sizes 2" - 72" FL
- Sizes 3" - 48" MJ



**SERIES 613A**  
**Eccentric Plug Valve**  
Threaded End

- Ductile Iron Construction
- Round Port
- Stainless Steel Bearings
- Low Pressure Drop
- Memory Stop
- NPT End Connections
- Sizes 1/2" - 2"



**SERIES 604E**  
**Eccentric Plug Valve**  
Three Way Valve

- Epoxy Seat
- Solid Ductile Iron Plug
- Stainless Steel Bearings
- Low Pressure Drop
- Lift & Turn NOT Required
- High Solids & Flow Capacity
- Sizes 3" - 16"



**SERIES 606**  
**Eccentric Plug Valve**  
Grooved End

- Welded Nickel Seat
- Stainless Steel Bearings
- AWWA C-606 Grooved
- Solid Ductile Iron Plug
- Low Pressure Drop
- Ductile or Steel Pipe
- Sizes 3" - 24"



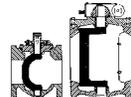
**SERIES 611/610**  
**Eccentric Plug Valve**  
Flanged and MJ

- Ductile Iron Body
- ANSI B16.1 Flanges
- MJ AWWA C111
- Welded Nickel Seat
- Solid Ductile Iron Plug
- Low Pressure Drop
- Sizes 2" - 72" FL
- Sizes 3" - 48" MJ



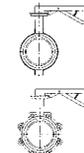
**MODEL 625**  
**Eccentric Plug Valve**

- Available in Threaded and Flanged Ends
- Rated for 175 psi
- Sizes 1/2" - 4"
- UL / CGA Listed



**SERIES 600FP/601FP**  
**Eccentric Plug Valve**

- Full / 100% PORT
- Welded Nickel Seat
- Stainless Steel Bearings
- ANSI-B16.1 Flanges
- Solid Ductile Iron Plug
- Low Pressure Drop
- Flanged & MJ Ends
- Sizes 2" - 48" FL
- Sizes 3" - 48" MJ



**FIGURE 396/397**  
**General Service Butterfly Valve**

- Meets MSS SP 67
- Ductile Iron Body
- DI-NP Disc
- Other Materials Upon Request
- Wrench or Gear Operated Available
- 2" - 48" Size Range



**FIGURE 510A/511A**  
**AWWA Butterfly Valve**

- Complies with AWWA C-504
- Class 150B Flanged or MJ
- Cast Iron Body and Disc
- Seat in Body
- Flow Through Disc on 24" and Larger
- Epoxy Paint on All Sizes Standard
- 3" - 72"



**SERIES 8500**  
**AWWA Swing Check**

- Full Waterway
- Ductile Iron Construction
- Weight or Spring
- Air Cushion
- SS Body Seat Ring
- Buna Disc Insert
- Sizes 3" - 24"



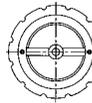
**SERIES 8000**  
**AWWA Swing Check**

- Full Waterway
- Weight or Spring
- Bronze / SS Body Seat Ring
- Bronze / Buna / EPDM Disc Insert
- Sizes 2" - 36"



**SERIES 9000**  
**AWWA Swing Check**

- Clear Waterway
- Weight or Spring
- Air or Oil Cushion
- Bronze / SS Body Seat Ring
- Bronze / Buna / EPDM Disc Insert
- Sizes 3" - 72"



**SERIES 720A**  
**Wafer Check Valve**

- Center Guided
- Check Valve
- Rated for 250 psi
- SS Disc / EPDM Seat
- Sizes 2" - 12"



**SERIES 700**  
**Wafer Check Valve**

- ANSI Class 125 / 150
- High Flow Capacity
- Narrow Face-to-Face
- Sizes 3" - 12"
- 316 SS Internals
- Disc Position Indicator



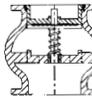
**FIGURE 851**  
**Flex Check**

- Million Cycle Certification
- Complete Ductile Iron Construction
- 250 psi Pressure Rating
- Fully Epoxy Lined Interior
- No Internal Shafts, Bearings or Bushings
- No External Levers, Weights or Springs
- Mechanical Indicator (3" - 16")
- 2" - 24" Size Range
- Backflush Devices
- Proximity Switches



**FIGURE 740A**  
**Double Disc Check Valve**

- Wafer Pattern Check Valve Rated for 250 psi
- Available in Sizes 2" - 36" With a SS Disc / EPDM Seat



**FIGURE 821A**  
**Global Style Check Valve**

- Center Guided Check Valve
- SS Disc / EPDM Seat and is Available in Sizes 2" - 24"

For more information about us or to view our full line of water products, please visit [www.millikenvalve.com](http://www.millikenvalve.com) or call Milliken customer service at 1.800.423.1323.

Mueller refers to one or more of Mueller Water Products, Inc., a Delaware corporation ("MWP"), and its subsidiaries. MWP and each of its subsidiaries are legally separate and independent entities when providing products and services. MWP does not provide products or services to third parties. MWP and each of its subsidiaries are liable only for their own acts and omissions and not those of each other. MWP brands include Mueller®, Echologics®, Hydro Gate®, Hydro-Guard®, Jones®, Mi.Net®, Milliken®, Pratt®, Singer®, and U.S. Pipe Valve & Hydrant. Please see [www.muellerwpp.com/about](http://www.muellerwpp.com/about) to learn more.

Copyright © 2019 Henry Pratt Company, LLC. All Rights Reserved. The trademarks, logos and service marks displayed in this document are the property of Mueller Water Products, Inc., its affiliates or other third parties. Products marked with a section symbol (S) are subject to patents or patent applications. For details, visit [www.mwppat.com](http://www.mwppat.com). These products are intended for use in potable water applications. Please contact your Mueller Sales or Customer Service Representative concerning any other application(s).