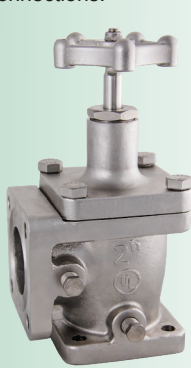


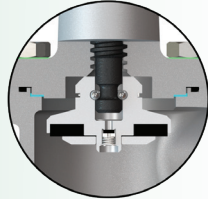
Next Generation High Flow Globe & Angle Valves

FEATURES

- New stainless steel options allow for increased corrosion resistance and reliability for the life of the system
- **Excelsior-Flange™** - 4 Bolt inlet/outlet design that can be easily adapted to both NTP thread or socket weld type A companion flanges (ME840SS & ME841SS Series) ranging from 1-1/4" to 2" in diameter making it universal to piping sizes within this range. This innovative system allows installers the ability to eliminate unnecessary connections as well as possible leak points by integrating a convenient 4 bolt flange union at the valve inlet/outlet connections.

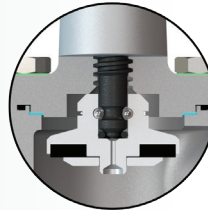


ME813SSIBC-16



Integrated Back Check Feature: (IBC) These globe and angle valve models incorporate an integrated back check feature to allow trapped downstream pressure to automatically bypass to the upstream side of the valve.

These valves are designed for systems with flow in one direction, creating a closed loop system that prevents the product from relieving to the atmosphere making for a low emission, more environmentally friendly option.



Pilot Feature: (P) This globe valve model incorporates a pilot orifice feature to facilitate pressure equalization in sections of system piping that have bidirectional flow or high differential pressures. This greatly reduces the opening torque required and prevents premature wear of the valve seat.

SPECIFICATIONS

- All stainless steel internal components with rotating seat disc design & V-cup PTFE packing stem seals
- Double lead acme stem thread ensures quick and efficient operation
- Durable ductile iron valve body with zinc plating finish
- Ergonomically correct for bobtail transport and bulk plant applications
- Up to **70% MORE FLOW** than the nearest competitor
- 1/4" FNPT or 1/2" FNPT plugged accessory ports upstream and downstream of valve seat
- Standard Nitrile seat, optional PTFE or FKM seat
- Weight: Double Flange 17 lbs., Single Flange 15.5 lbs
- 35° seat angle for maximum product flow
- Rated for 400 WOG
- Operating temperature -40° to +212° Fahrenheit

Angle	Globe	Description	Side Ports	Inlet	Outlet	Mating Flange Type	Weight (lbs.)		
							Angle	Globe	
ME813IBC-16	ME823IBC-16	2" Full Flow 4 Bolt Double Flange (IBC) Valve	1/4" FNPT	4 Bolt Flange Type B	4 Bolt Flange Type B	A	17.6	20.1	
ME813SSIBC-16 ⁽¹⁾	ME823SSIBC-16-4 ⁽¹⁾⁽²⁾					A	15.5	17.0	
—	ME822IBC-16					A	—	19.7	
ME813P-16	ME823P-16	2" Full Flow 4 Bolt Double Flange (P) Valve	1/4" FNPT		4 Bolt Flange Type B	4 Bolt Flange Type B	A	18.1	20.1
—	ME822P-16		1/2" FNPT				A	—	20.1
—	ME818IBC-16	2" Full Flow 4 Bolt Single Flange (IBC) Valve	1/2" FNPT				2" FNPT	A	—
—	ME818P-16	2" Full Flow 4 Bolt Single Flange (P) Valve	1/2" FNPT			A		—	18.2
—	ME819IBC-16	2" Full Flow 4 Bolt Single Flange (IBC) Valve	1/4" FNPT			A		—	18.1
—	ME819IBC-16-4					A	—	18.1	
—	ME819SSIBC-16-4 ⁽¹⁾			A		—	15.5		
—	ME819P-16	2" Full Flow 4 Bolt Single Flange (P) Valve	1/4" FNPT	A		—	18.1		

(1) "SS" indicates CF8M Stainless Steel body & bonnet

(2) ME823SSIBC-16-4 includes a 1/2" FNPT bottom port





Excelsior-Flange™ Next Generation High Flow Globe & Angle Valves **ACCESSORIES & REPLACEMENT PARTS**

Accessories & Replacement Parts	
Part No.	Description
ME815P-16BRK	2" Angle & Globe Valve with Pilot - Complete Bonnet Assembly
ME815P-16SRK	2" Angle & Valve with Pilot - Seal Replacement Kit
ME815BC-16BRK	2" Angle & Globe Valve Complete Bonnet Assembly
ME815IC-16BRK	2" Angle & Globe Valve Complete Bonnet Assembly
ME815-10/16HRK	1-1/4", 1-1/2" & 2" Angle & Globe Valve Replacement Handle & Retaining Nut
ME840-10F	1-1/4" FNPT 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
ME841-10F	1-1/4" Socket Weld 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
ME840-12F	1-1/2" FNPT 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
ME841-12F	1-1/2" Socket Weld 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
ME840-16F	2" FNPT 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
ME841-16F	2" Socket Weld 4 Bolt Type A Flange Adapter Plate w/ Bolts & O-Ring
MEP840-10	1-1/4" FNPT 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring
MEP841-10	1-1/4" Socket Weld 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring
MEP840-12	1-1/2" FNPT 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring
MEP841-12	1-1/2" Socket Weld 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring
MEP840-16	2" FNPT 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring
MEP841-16	2" Socket Weld 4 Bolt Type A 90° Flange Adapter Elbow w/ Bolts & O-Ring



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