

FISHER GLOBE AND ANGLE VALVES



Globe and angle valves are widely used at bulk plants to control gas flow in the piping system, at storage tanks, on trucks, and at pumps or compressors. Their body configuration permits installation in a straight section of pipe (globe body) or where it is desired to make a change in piping direction (angle body).

All units have a 1/4" FNPT plugged boss in the downstream side of the body. A hydrostatic relief valve (Type H124) or a vent valve (ME3169) can be installed in this outlet.

Heavy-duty ductile iron valves for either LP-Gas or NH₃ service, ranging in size from 1/2" to 3". Each valve has spring loaded TFE chevron packing for an effective seal against leakage. The valves are rated for 400 WOG and a maximum temperature of 150° F.

Valve disc rotation stops as soon as the disc contacts the body seat to help minimize disc wear. Oversize ports in all units give high flow capacity.

Type N310 & N410 - Ball bearing valve disc construction gives a stronger connection to the stem to protect the disc under back-flow conditions.

Type N350 & N450 - Economy globe and angle valves for LP-Gas service. With many of the construction features of the Type N310 and N410, these valves are available in 1/2" and 3/4" sizes. TFE spring loaded packing provides an effective seal against leakage.

Globe & Angle Valves

| SERVICE | Inlet & Outlet Connections | Type Number | |
|--------------------------|----------------------------|--------------------|----------|
| | | Heavy-Duty Version | |
| | | Globe | Angle |
| LP-GAS & NH ₃ | 1/2" FNPT | N301-04 | N401-04 |
| | 3/4" FNPT | N301-06 | N401-06 |
| | 1" FNPT | N301-08 | N401-08 |
| | 1 1/4" FNPT | N310-10 | N410-10 |
| | 1 1/2" FNPT | N310-12 | N410-12 |
| | 2" FNPT | N310-16 | N410-16 |
| | 3" FNPT | N310-24 | N410-24 |
| | 3" ANSI Flange | N310F-24 | N410F-24 |
| LP-GAS "ONLY" | 1/2" FNPT | N350-04 | N450-04 |
| | 3/4" FNPT | N350-06 | N450-06 |

FISHER GLOBE AND ANGLE VALVE REPAIR KITS

| Part No. | Repairs Valve... |
|----------|--|
| RN30008 | 1"...N301-08, N401-08 |
| RN30012 | 1 1/4" & 1 1/2"...N300, N310, N400, N410 |
| RN30016 | 2"...N300, N310, N400, N410 |
| RN30024 | 3"...N300, N310, N400, N410 |

MARSHALL EXCELSIOR FULL PORT GLOBE AND ANGLE VALVES

Marshall Excelsiors' globe and angle valves provide a positive shut-off that is highly reliable with full flow performance. The globe valve seat area is tilted to a 30° angle for maximum product flow. Valve is ergonomically correct for Bobtail, Transport and Bulk Plant applications.

All stainless steel internal components with rotating seat disc design and V-cup Teflon packing stem seals. Ductile iron body and flange cap with automotive grade powder coat finish. Standard nitrile seat seal, also available with optional Teflon and Viton seat seal. 1/4" FNPT plugged accessory ports upstream and downstream of valve seat.

Available with the E-Z turn knob feature for easier valve operation.



ME815-16



ME825-16

| Full Port Globe & Angle Valves | | | |
|---|---|---------------|------------|
| Part Number | Inlet | Outlet | Body Style |
| ME815-4 | 1/2" FNPT | 1/2" FNPT | Angle |
| ME815-6 | 3/4" FNPT | 3/4" FNPT | |
| ME815-10 | 1 1/4" FNPT | 1 1/4" FNPT | |
| ME815-16 | 2" FNPT | 2" FNPT | |
| ME825-4 | 1/2" FNPT | 1/2" FNPT | Globe |
| ME825-6 | 3/4" FNPT | 3/4" FNPT | |
| ME825-8 | 1" FNPT | 1" FNPT | |
| ME825-10 | 1 1/4" FNPT | 1 1/4" FNPT | |
| ME825-16 | 2" FNPT | 2" FNPT | |
| ME826-10 | 1 1/4" FNPT | 1 3/4" M Acme | |
| ME827-10 | 1 1/4" FNPT | 2 1/4" M Acme | |
| ME828-16 | 2" FNPT | 3 1/4" M Acme | |
| To order Teflon or Viton Seal add "T" or "V" after the prefix Part Number | | | |
| Accessories | | | |
| Part Number | Description | | |
| MEH225 | 1/4" MNPT Hydrostatic Relief Valve 440 psig - 1 1/16" OAL Brass | | |
| MEH225SS | 1/4" MNPT Hydrostatic Relief Valve 440 psig - 1 1/16" OAL Stainless Steel | | |
| MEH25/460 | 1/4" MNPT Hydrostatic Relief Valve 440 psig - 1 59/64" OAL Brass | | |
| MEJ402S | 1/4" MNPT Liquid Vent Valve w/ Tee Handle - Stainless Steel | | |
| ME829 | Universal E-Z Turn Knob & Bolt Kit | | |
| Replacement Parts | | | |
| ME815-10BRK | 1 1/4" Angle & Globe Valve Complete Bonnet Assembly | | |
| ME815-10SRK | 1 1/4" Angle & Globe Valve Replacement Seal Repair Kit | | |
| ME815-16BRK | 2" Angle & Globe Valve Complete Bonnet Assembly | | |
| ME815-16SRK | 2" Angle & Globe Valve Replacement Seal Repair Kit | | |
| ME815-10/16HRK | 1 1/4" & 2" Angle & Globe Valve Replacement Handle & Retaining Nut | | |

