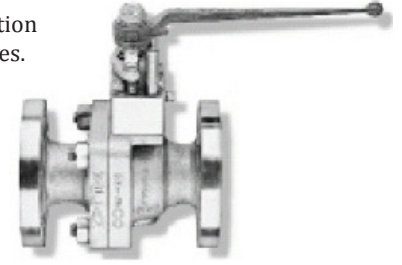


FLANGED BALL VALVES

Velan Flanged Ball Valves

Velan flanged ball valves are available in full port or standard port configurations with 300 or 150 Lbs connection ends. These valves are UL certified and tagged, Firesafe API1601 4th edition and CRN registered in all provinces.



Features:

- RF Flanged split body design
- Glass reinforced PTFE seats
- E (TFM-1600) seats are an upgraded version
- Lever operated with actuator pad
- Cast Carbon Steel Body
- Memory seal seats that compensate for wear
- Stem Bearings to reduce side thrust
- Blow-out proof stem
- Compliance to API 607 and BS6755 Fire safe standards
- 300 Lb. valves are approved for pressures up to 400 psi
- **Contact NEE for detailed specifications**

NEE #	Description	Cv Flow Rate
F0810402SSEAUL	2", Standard port, 300 Lbs Flanged	125 usgpm
F1010402SSGAUL	3", Standard port, 300 Lbs Flanged	430 usgpm
F1010402SSGAUL	3", Full port, 150 Lbs Flanged	1,020 usgpm

NEE #	Description	Cv Flow Rate
F1011402SSEAUL	3", Full port, 300 Lbs Flanged	1,020 usgpm
F1210402SSGAUL	4", Standard port, 300 Lbs Flanged	600 usgpm
F1211402SSGAUL	4", Full port, 300 Lbs Flanged	2,000 usgpm

Note: Cv Flow rate is the amount of water that will flow at 60° F with a 1 psi drop.

BRASS PRECISION NEEDLE VALVES

Intended for applications where precise control of gas output is required. These precision machined valves offer a wide range of adjustment without stem galling. Perfect for isolating pressure gauges from bulk storage containers or upstream shutoff valves for torches and/or outdoor burner applications.

Features:

- Available in brass, plated steel & stainless steel construction
- Tapered valve body seat & stem for precision accuracy
- Various inlet/outlet configurations available
- **ME831 & ME834** valves are approved for Bi-Directional Flow



ME831



ME832

NEE #	Description	Material
ME833	1/4" MNPT Outlet x 1" - 20 F.Inlet	Brass
ME831S	1/4" MNPT x 1/4" FNPT	Plated Steel
WN1532	1/4" MNPT x 1/4" FNPT (Straight Needle Valve)	Stainless Steel

NEE #	Description	Material
WN1572	1/4" MNPT x 1/4" FNPT (90° Needle Valve)	Stainless Steel
ME831	1/4" MNPT x 1/4" FNPT	Brass
ME832	1/4" MNPT Outlet x #80 Orifice 1" - 20 F.Inlet	

SOLENOID VALVES

Jefferson Solenoid Valves

Typically used as an emergency isolation between the outlet of a storage tank and the inlet of a pump to allow remote shut-down of propane flow in compliance with local gas authorities in some regions.

Specifications:

- 2-way, normally closed, semi-direct acting piston solenoid valve
- Brass, stainless-steel or carbon construction
- 3/4" NPT through 3" NPT female end connections
- ANSI Flanged valves available
- Automatic pressure relief back to tank
- Maximum operating pressure differential to 105 PSI (7.25 bar)
- Vacuum applications available
- Flow coefficients (CV) to 94.00
- Non-molded coil with 18" leads housed in a NEMA 7 hazardous location enclosure supplied as standard
- CSA certified for both general purpose and hazardous locations



NEE #	Size	Body Material	Piston Material	Seals	Operation
ZC13271V302T	1/4"	Stainless Steel		Viton	Hung Piston
Z1314BV06AT-120V/60	3/4"	Bronze			
Z1314BV08AT-120V/60	1"				
Z1314BV12AT-120V/60	1-1/2"				
Z1314BV16AT-120V/60	2"				
Z1314BV24AT-120V/60	3"				