

# **BRASS VALVES**

## **NEEDLE VALVE**



### **ADVANTAGES**

Pioneer Needle valves have metal to metal seats with fine threaded screwdown. This enables positive sealing up to the capacity of the valve.

Pioneer Needle valves are made from forged brass body with SS304 spindle and teflon washer which gives extended service life. All valves are chrome plated.

### **WORKING PRESSURE RANGES**

Valves are designed to withstand up to 150 PSI working pressure, unless otherwise noted.

### **NEEDLE VALVES INSTALLATION INSTRUCTIONS**

All Needle valves should always be installed with the pressure against the seat. Or the arrow shown on body.

### **AVAILABILITY OF SIZES**

Available in 1/4 BSP, 3/8 BSP, 1/2 BSP sizes and in form of Male to Male, Female to Female, Male to Tube, Female to Tube.

## BALL VALVE



**Mini ball valve A**



**Mini ball valve B**



**3way ball valve L Type**



**3way ball valve T**

Type



**Long handle Ball valve A.**



**Long handle Ball valve B.**

## APPLICATION

Water and air service lines on capital equipment and plant design plumbing that requires total shutoff capability.

## ADVANTAGES

The Pioneer Mini Ball Valve is to be used in confined and hard to reach applications. The brass extruded body allows for extended service life and is nickel plated as standard. Other features include blowout proof stem, SS 304 ball and teflon seats. This economical ball valve is available in 1/4", 3/8" and 1/2" sizes.

## WORKING PRESSURE AND TEMPERATURE

These valves are designed and built for use at pressures and temperatures within the stated ranges.

Pressure : 300 PSI, Temperature 0 - 120°C

## OPERATING INSTRUCTIONS

Quarter turn is "ON" or "OFF" (Provides positive stop action for full shutoff.)

## AVAILABILITY OF SIZES

Mini Ball Valve                    1/8" BSP , 1/4" BSP , 3/8" BSP and 1/2" BSP

Hand lever Ball Valve            1/4" BSP , 3/8" BSP 1/2" BSP, 3/4" BSp , 1" BSP , 1.5" BSP and 2" BSP