

3WAY 4-SEATS VALVES

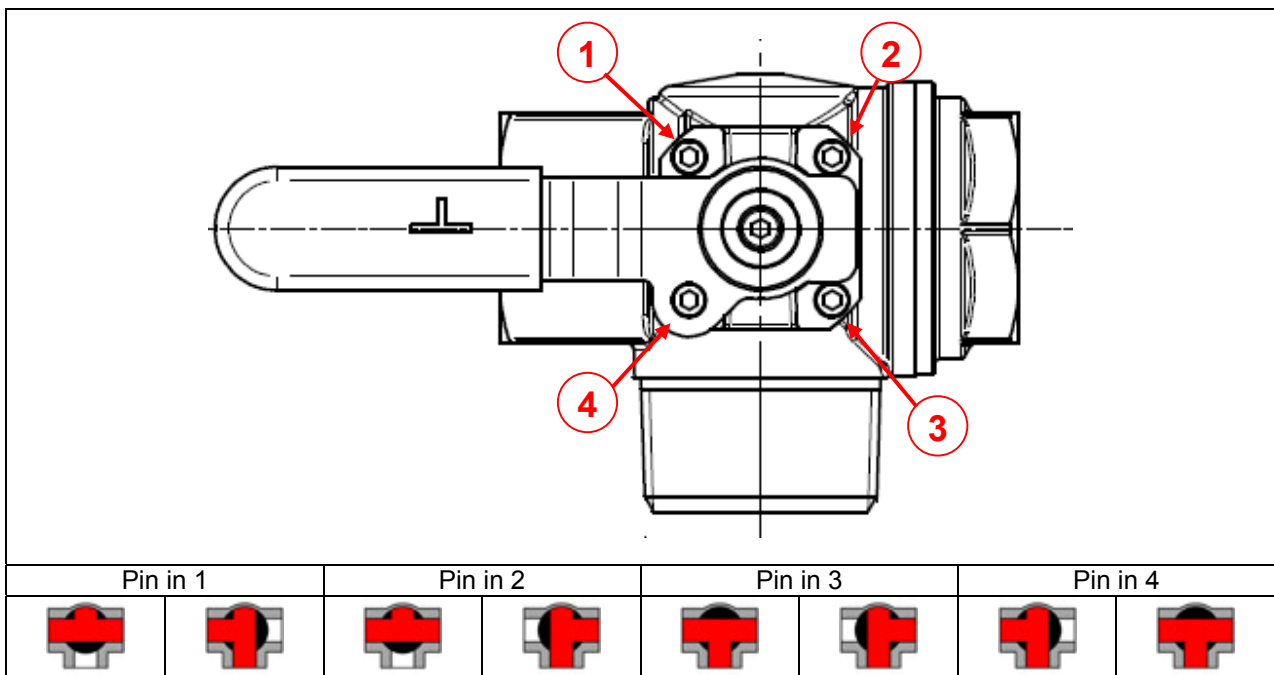


Features and Specifications:

With the "T" handle ball valves, a maintaining pin can be screwed in any of the 4 positions provided in the flange (1, 2, 3 or 4) and the lever can be rotated 90° easily, the flow takes the directions toward the top and it is possible to achieve one of the 4 possible directions as illustrated in the drawing.

An alternative is to mount 2 pins in 2 near holes (e.g. 1 and 2). In this case, the valve does not assume a predetermined position but can be actuated just by pulling the lever towards the top.

The valve allows also to block the lever thanks to the addition of a lock on the lever's protrusion (in the drawing you can see position 4).

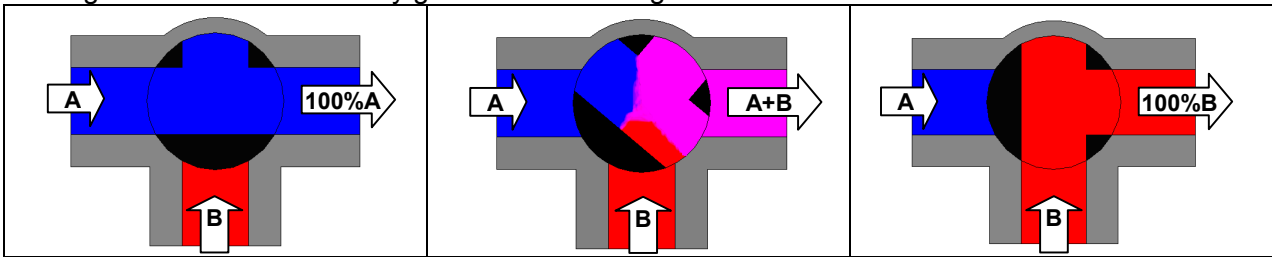




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In the specific, the mixing function takes place with the pin in position 2. The flows to be mixed enter through A and B and then they go out mixed through A+B.



Application:

- Process Control Applications
- Measurement and Control
- Water Treatment
- Ship Building
- Food & Beverage
- Air Drying Equipment
- Sterilizers
- Autoclaves
- Pollution Control Equipment
- Laundry Equipment
- Textile Dyeing & Drying
- Bottling & Dispensing Equipment
- Ink & Paint Dispensing
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Why use the multifunctional valves?

The L-port and T-port 3-way valves is an ideal choice for piping design involving diverting, blending or mixing applications,

L-port the ability of multi-ported valves to divert, blend or segregate fluid flows offers process engineers creative and cost saving design potential. The valves may be installed in series, operating in sequence or working simultaneously.

T-port: blending, diverting and segregating duties in process industries. The versatility of the flow patterns illustrated opens up significant opportunities for highly cost effective system design. The valves may not only be used singly to connect three different flows, but also in series, sequentially or in tandem and crossover assemblies. Easily actuated for remote control systems.

A multi-port valve reduces number of valves required in piping system; that will lower overall costs by allowing the replacement of two or three conventional straight-line valves, eliminating excess fittings and simplifying automation.

In certain situations, a single multi-port valve can replace several 2-way valves to reduce expense, simplify automation and conserve space. The multi-port valves have a ball seal at every port, and offer a wide variety of possible flow configurations. Positive shutoff can be achieved on any of the exiting ports. By specifying the appropriate ball port configuration, flow direct can be adjusted for virtually any application.

