



# B615-047-019

Characterized, Brass Chrome Plated Ball and Stem  
1/2", 6-way, Female NPT



|                 |                   |                               |
|-----------------|-------------------|-------------------------------|
| DN              |                   | 15                            |
| Size (inches)   |                   | 1/2"                          |
| Cv              |                   | 4.7                           |
| Flow (GPM)      |                   | N/A                           |
| Cv (Sequence 2) |                   | 1.9                           |
| Media           |                   | Water 60% Glycol              |
|                 | Temperature Range | 0°F to 212°F [-18°C to 100°C] |
| Pressure        | Body              | 600 psi                       |
|                 | Close Off         | 200 PSI                       |
|                 | Differential      | 50 PSI                        |
|                 | Max Inlet         | N/A                           |
| Leakage         | A-AB Port         | 0%                            |
|                 | B Port            | 0%                            |
| Materials       | Body              | Brass, nickel plated          |
|                 | Ball              | Brass, Chrome plated          |
|                 | Stem              | Brass, Chrome plated          |
|                 | Seats             | PTFE                          |

## Common Applications

The Modular 6 Way valve (Mod 6) is ideal for chilled beam, fan coil, radiant heating and unit ventilator applications. Using a single actuator it reduces wiring and also eliminates the need of a change over valve, while enabling the use of a single coil for heating and cooling. The Modular 6 Way is available with a non fail-safe proportional (modulating) actuator.

## Operations

Modular 6 way valve is an electronically actuated characterized control ball valve. Control signal is modulating (proportional) non fail-safe and is used to determine the final positioning of both ball rotation angles which determine sequence and amount of flow through the valve.

## Dimensions



| A       | B       | C       | D       | E       |
|---------|---------|---------|---------|---------|
| 35 mm   | 32.5 mm | 95.5 mm | 62 in   | 52.5 in |
| 1.38 in | 1.28 in | 3.76 in | 2.44 in | 2.07 in |

|                     |                     |                     |
|---------------------|---------------------|---------------------|
|                     | Characterising Disc | Brass Characterized |
|                     | O-ring              | EPDM                |
| Flow Characteristic | 2-Way               | Equal Percentage    |
|                     | 3-Way               | N/A                 |
| Flow Pattern        | Mixing              | No                  |
|                     | Diverting           | Yes                 |

**Flow Pattern**

