

Our newly designed Shuttle Valves are an alternative to actuated ball valves or solenoid valves, with higher flow than a solenoid valve and lower cost and size than an actuated ball valve. The shuttle valve showcases our design capabilities, introducing innovative new products that fill a gap in the market and make our customers more competitive. The Eclipse Shuttle Valves are available in a number of different orifice sizes and can be manufactured rapidly to meet your dimension and fitting requirements.

The Shuttle Valve is in a normally closed position. There is no flow of gas or liquid until the valve is actuated at 6-10 bar compressed air or gas supply.

Ideal applications include CNG Priority Panels, Dispenser Manifolds, and Compressor Packages where space is limited.

Manufactured and designed in accordance to ISO 9001/2008.

Operation:

- Working Pressure Up to 1,000 psi (68 bar)
- Control Fluid Air, Natural Gas

Port configuration:

- 1/2", 3/4", 1", 1 1/2" NPT (STD)
- SAE and BSPP options available

Features:

- Tested to 4:1 safety factor
- Higher flow than solenoid valve
- Smaller package than actuated ball valve
- More economical than actuated ball valve
- Spring return or double-acting
- Machined threaded port connections
- Fully serviceable, all kits available

Standard Materials:

- Body Aluminum 6061-T651
- Spring Stainless Steel
- Shuttle Stainless Steel
- Seat Nitrile

Ordering Information:

Please supply the following information when ordering:

- Flow Medium
- Port configuration
- Operating temperature range
- Inlet Pressure
- Flow rate



If an option is required that is not listed here, please contact us.

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