

- Exclusive Technology
- Higher Flow Than A Solenoid Valve
- More Compact Than An Actuated Ball Valve
- Bi-Directional Flow
- 7500psi (520 bar) Pressure Rating



Shuttle Valves are an innovative alternative to actuated ball valves or high pressure solenoid valves, offering much higher flow than a solenoid valve and smaller dimensions than an actuated ball valve, while retaining flow and sealing capabilities in both directions and using the same actuation pressure as an actuated ball valve.

Operation is similar to a normally closed actuated ball valve where instrumentation pressure is applied to one port, opening the valve. Eclipse Shuttle Valves are available in a number of different orifice sizes and can be manufactured to meet your specific requirements.

Ideal applications include CNG Priority Panels, Dispenser Manifolds, and Compressor Packages, or any high pressure installation where space is limited.

Control Fluid:	Air, Natural Gas
Actuation Pressure:	100-150 psi (7-10 bar)
Temperature:	-40F to 185F (-40°C to +85°C) extra-cold seal options available
Ports:	½" or ¾" NPT

- Tested to 4:1 safety factor
- Fully serviceable, all kits available
- Double-Acting or Spring Return
- Stainless or Aluminium Body
- Stainless Internals

Model	L mm (in)	D mm (in)	A/F	Ports	MAWP bar (psi)	CV	Actuation Ports
VSN-080	155 (6.1)	50 (2)	1.5"	½" NPT	520 (7500)	7.2	⅛" NPT
VSN-120	181 (7.1)	63 (2.5)	1.75"	¾" NPT	520 (7500)	19.1	⅛" NPT



Ordering Information:

Please supply the following information when ordering:

- Inlet pressure
- Flow medium
- Flow rate
- Port configuration
- Operating temperature range