

Instrument Valve:

Calcon N2 Series Needle valves are designed for stringent application in Oil & Gas, Chemical, Petrochemical etc. industries. These can be used for throttling and straight isolation in process or flow control applications. These metal seated valves are machined from square bar stock and are available in sizes 1/4" to 2" in various connections.

Features:

- Valves design provides in-line pipe connections for 1/8" to 2" pipe sizes.
- Rising stem & bar stock body design.
- Metal-to-Metal seating achieves bubble-tight shut-off, longer stem/seal life in abrasive flow, greater durability for repeated on/off cycles and excellent corrosion resistance.
- Stem sleeve and packing gland materials have been carefully chosen to achieve extended thread cycle life and reduced handle torque.
- Spindle is thread rolled and burnished for smooth operation and long life.
- Dust and thread caps are provided as standard.

Pressure in psi (bar)	6000 psi (400 bar)
Max. Temperature in °C	250
Material	SS 316
Dust Cap	Nylon
Optional	

High Pressure stem assembly for 700 bar

Model FF



Model MF



Model FF



Model MF



Model	Port Connection		
	Inlet	Outlet	Thread
N2	1/4" Female	1/4" Female	NPT
N2	3/8" Female	3/8" Female	NPT
N2	1/2" Female	1/2" Female	NPT
N2	3/4" Female	3/4" Female	NPT
N2	1" Female	1" Female	NPT
N2	1/4" Male	1/4" Male	NPT
N2	3/8" Male	3/8" Male	NPT
N2	1/2" Male	1/2" Male	NPT
N2	3/4" Male	3/4" Male	NPT
N2	1" Male	1" Male	NPT