



BE-LOK INSTRUMENT FITTING
INC

Needle Valve Mini Series

100% Factory Tested For Both Crack & Reseal



Engineering Expertise

@ www.be-lok.com

Needle Valves Mini Series

BE-LOK Mini Series Needle Valves are specially designed and ruggedly manufactured for use in corrosive and hazardous environment.

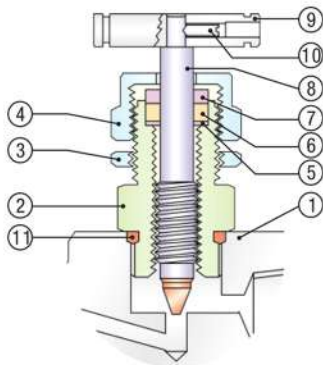
These valves are used in process control, instrumentation and flow control application. These valves are precision machined, designer durability and maximum efficiency to provide high quality and low cost alternative in fluid and gaseous control system of different applications, to meet the exacting standard of our growing & demanding Customers.

BE-LOK Mini Series Valves are available in High Grade Stainless Steel, Carbon steel, Brass and Monel materials in Variety of end connections includes Male / Female threaded NPT, BSP, BSPT, ISO, DIN and JIS tapered / Straight threaded pipe ends. Valves can be supplied to meet current revision of NACE MR-01-75 (sour Gas Service).

Features and Benefits

Vee Tip Design- Controls accurate flow. **Stem Threads Rolled & Hard Plated**- Provides additional strength & maximum Service life. **Mirror Finish stem**, **Furnished to a 16 RMS**- Extends packing life and smooth stem operation **Fully Supported Packing**- Reduces need for adjustment. **Packing Nut** - Easy and Fast to move external adjustment. **Stainless Steel Handle**- For Proper actuation. **Dust Cap** - Prevent contaminants and lubricant washout of bonnet assembly.

Material of Construction

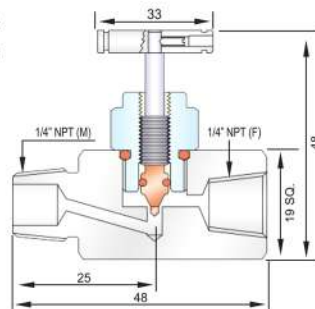


Sr.No.	Part Name	Qty	Material
1	Body	1	A479-316 / A-105
2	Gland Body	1	A479-316 / A-105
3	Pannel Nut	1	A479-316 / A-105
4	Gland Nut	1	A479-316 / A-105
5	Washer	1	A479-316 / A-105
6	Packing	1	PTFE / Graphoil
7	Packing Washer	1	A479- 316
8	Spindle	1	A564- 316
9	Handle	1	Stainless Steel
10	Grub Screw	1	Steel Plated
11	O- Ring	1	Viton

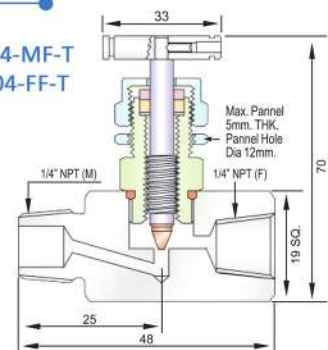
Dimenions

BE-LOK Mini Series Needle Valves are also available in Female to Female end Connection

BMV-H-S-04-FF-V
BMV-H-S-04-MF-V



BHV-H-S-04-MF-T
BHV-H-S-04-FF-T



Pressure & Temperature Ratings

Orifice	C v	Pressure Rating	Temperature Rating
3.5mm	0.31	3000 PSI (20700kpa)	-20° to 250°F (-50° to 121°C)

Testing

Each Valve is hydrostatically tested in accordance with MSS-SP-99. This procedure includes testing of the body cavity. hydrostatic test is performed with pure water or other liquids of similar or lower viscosity at 1.5 times and seat leakage test at 1.1 times of the maximum working pressure. Each valve is also tested with Nitrogen Gas at 1000 psi for, seal and shell leakage. Other tests like Vibration, Temperature, Helium are available upon request.



BE-LOK INSTRUMENT FITTING INC

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