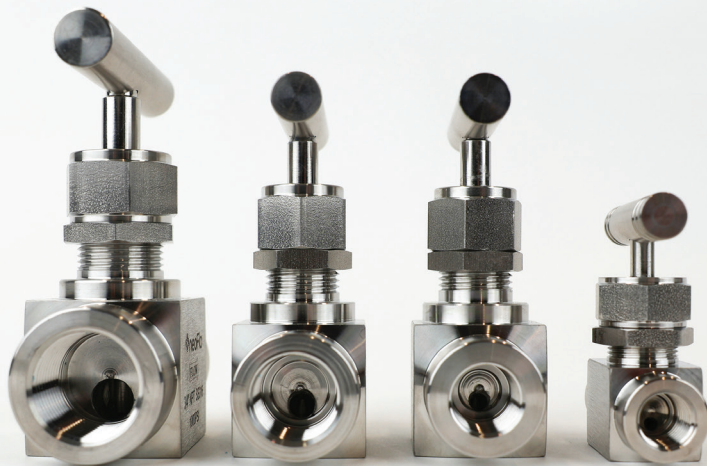
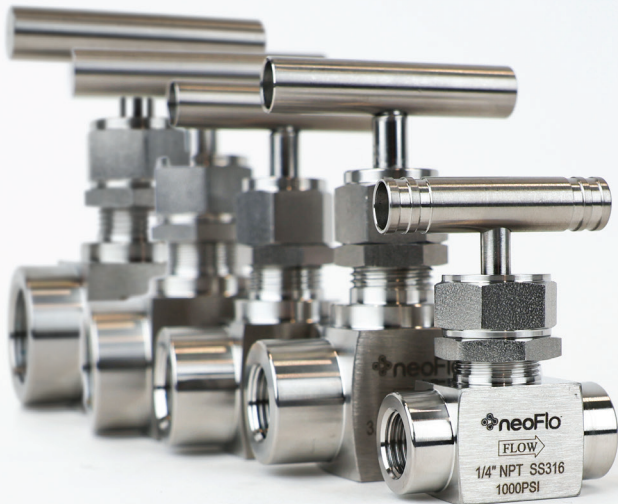


Panel Mount Needle Valves



The neoFlo™ Panel Mount Needle Valves are precision-engineered flow control devices designed for reliable and accurate regulation of liquids and gases in instrumentation and process systems. Built for secure panel mounting, these valves provide convenient front-panel access, allowing operators to make fine flow adjustments while keeping tubing and connections organized behind the panel. The neoFlo™ design emphasizes durability, leak-tight performance, and smooth operation, featuring a finely threaded stem and robust construction materials such as stainless steel or brass to ensure long service life even under demanding conditions. Ideal for laboratory, analytical, and industrial applications, neoFlo™ Panel Mount Needle Valves deliver dependable performance in environments where precise control and professional system integration are essential.

- Soft seat design for bubble tight seal
- Replaceable delrin seat
- High capacity flow and easy rod cleaning
- Straight through porting for bi-directional
- One piece bonnet with metal to metal seal to the valve body below the bonnet threads
- Polished finish

PRODUCT SPECIFICATIONS



Connection
FNPT



Max Temp
200°F



Operating Pressure
6000 PSI



Materials of Construction
Steel

*Temperature ratings vary and depend on pressure and time under load.

QUESTIONS?

Ask our Service Representatives at:

888.859.1188 Mon. - Fri. 8a - 8p, Sat 8:30a - 4:30p EST.

Neologic Inc. | Greenville SC | Salt Lake City UT | Houston TX

All rights and illustrations reserved. Manufacturer reserves the right to make changes without notice.
©2018 NeoLogic Solutions.

APPLICATIONS

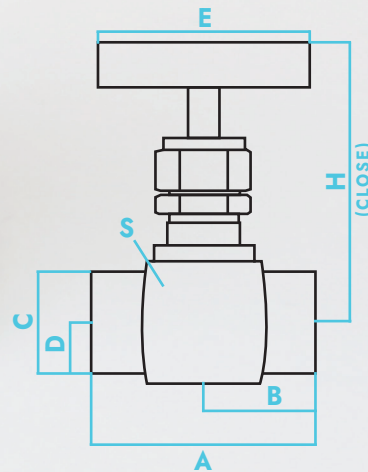
- Aerospace
- Climate Control
- Electromechanical
- Filtration
- Fluid & Gas Handling
- Hydraulics
- Pneumatics
- Process Control
- Sealing & Shielding

Panel Mount Needle Valves



ORDERING GUIDE

MODEL	CONNECTION SIZE	ORIFICE IN	A	B	C	D	E	H	S
NV-14SS316	1/4"	FEMALE NPT	0.12(3.0)	0.87(22.0)	0.87(22.0)	0.43(11.0)	1.81(46.0)	2.00(50.8)	0.87(22.0)
NV-38SS316	3/8"		0.16(4.0)	1.21(30.75)	1.26(32.0)	0.63(16.0)	2.17(55.0)	2.93(74.3)	1.26(32.0)
NV-12SS316	1/2"		0.20(5.0)	1.21(30.75)	1.26(32.0)	0.63(16.0)	2.17(55.0)	2.93(74.3)	1.26(32.0)
NV-34SS316	3/4"		0.39(10.0)	1.30(33.0)	1.50(38.0)	0.75(19.0)	2.76(70.0)	3.31(84.1)	1.50(38.0)
NV-10SS316	1"		0.47(12.0)	1.21(30.75)	1.73(44.0)	0.87(22.0)	2.76(70.0)	3.37(85.6)	1.73(44.0)



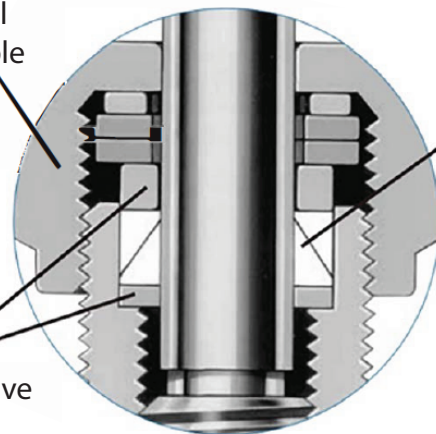
DYNAMIC LOAD PACKING SYSTEM



Packing nuts make convenient external adjustments possible

A filler that can provide comprehensive support

Reduced the need for adjustment



Equipped with disc springs

Two piece V-shaped packing (Improved sealing) (Reduced wear and tear)

Compensate for wear and tear (Reduced the applied torque)