

Stainless Steel Valves



316 Stainless Steel Needle Valves

Seal: PTFE

Maximum Working Temperature:
+200°C

Maximum Working Pressure:
413 bar (6,000 psi)

Tech Sheet 10036



BSPP

0099		£
2018-6938	1/4"	115.80
2018-6946	3/8"	127.75
2018-6953	1/2"	163.30

NPTF

0099		£
2018-6904	1/4"	115.80
2018-6912	3/8"	113.15
2018-6920	1/2"	148.75

3,000 psi Rated Mini Needle Valve

Viton Seals

Working Temperature:
-50°C to +121°C

Maximum Working Pressure:
205 bar

Tech Sheet 10506



NPT

0292			£
PMV-H-S-4-FF-V	1/4"	Female x Female	58.20
PMV-H-S-4-MF-V	1/4"	Male x Female	58.20

6,000 psi Rated Imperial Needle Valves

The 'IB' series of needle valves are specially designed & manufactured for use in corrosive & hazardous environments. These valves are for use in process control, instrumentation & flow control applications.

Feature Benefits:
One piece body construction for strength & safety.

Non rotating Vee tip design, which forms a bearing joint with the stem eliminating any rotation

Working Temperature:
-29°C to +121°C

Maximum Working Pressure:
413 bar (6,000 psi)

Tech Sheet 2156

Female x Female, NPTF

0292		£
PNV-IB-S-2-FF	1/8"	70.95
PNV-IB-S-4-FF	1/4"	82.45
PNV-IB-S-6-FF	3/8"	104.35
PNV-IB-S-8-FF	1/2"	137.70
PNV-IB-S-12-FF	3/4"	246.80
PNV-IB-S-16-FF	1"	313.20

Tech Sheet 2156

Male x Female, NPTF

0292		£
PNV-IB-S-2-MF	1/8"	78.90
PNV-IB-S-4-MF	1/4"	90.55
PNV-IB-S-6-MF	3/8"	115.25
PNV-IB-S-8-MF	1/2"	150.60
PNV-IB-S-12-MF	3/4"	272.25
PNV-IB-S-16-MF	1"	345.95

Tech Sheet 2156

OD Compression

0292		£
NV6000-18	1/8"	65.00
NV6000-14	1/4"	74.95
NV6000-38	3/8"	94.65
NV6000-12	1/2"	125.20
NV6000-34	3/4"	279.85
NV6000-1	1"	381.65

between the plug & seat on closure ensuring long life.

Testing: All valves are 100% factory tested & complete traceability is available upon request.

Material: Body, Panel Nut, Washer & Gland Nut A479-316

Stem: A479-316 / 17-4PH

Packing: PTFE

Grub Screw: Steel Plated

Handle: Stainless Steel

Vee Tip: A 564-630



10,000 psi Rated Imperial Needle Valves

The 'HP' series of needle valves are specially designed & manufactured for use in corrosive & hazardous environments.

These valves are for use in process control, instrumentation & flow control applications.

Feature Benefits:

One piece body construction for strength & safety.

Non rotating Vee tip design, which forms a bearing joint with the stem eliminating any rotation between the plug & seat on closure ensuring long life.

Testing: Each valve is hydrostatically tested in accordance with MSS-SP-99. This procedure includes testing of the body

cavity. A Hydrostatic test is performed with pure water or other liquids of similar or lower viscosity at 1.5 times & seat leakage test at 1.1 times of the maximum working pressure.

Each valve is also tested with Nitrogen Gas at 1000psi for seat, seal & shell leakage. Other tests like vibration, temperature, Helium are available upon request.

Material: Body, Stem, Packing Washer, Lock Nut & Gland Retainer A479-316/A-105

Gland Packing: Glass Filled PTFE

Packing: PTFE

Handle: Stainless Steel

Dust Cap: Plastic

Vee Tip: A 564-630

Working Temperature:
-50°C to +93°C

Maximum Working Pressure:
700 bar (10,000 psi)

Tech Sheet 2157



Female x Female, NPTF

0292		£
PNV-HP-S-2-FF	1/8"	163.60
PNV-HP-S-4-FF	1/4"	163.60
PNV-HP-S-6-FF	3/8"	199.15
PNV-HP-S-8-FF	1/2"	318.00
PNV-HP-S-16-FF	1"	688.95

Tech Sheet 2157



Male x Female, NPTF

0292		£
PNV-HP-S-2-MF	1/8"	182.20
PNV-HP-S-4-MF	1/4"	182.20
PNV-HP-S-6-MF	3/8"	218.85
PNV-HP-S-8-MF	1/2"	350.80
PNV-HP-S-12-MF	3/4"	503.70
PNV-HP-S-16-MF	1"	753.05