**Series HNV Needle Valve**

For use with gases and liquids, pressures up to 6000 psi.

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**HNV Needle Valve**

is a barstock style needle valve that is designed for controlling low flow rates of liquids or gases. The valve series features fine threading and large seat area to ensure precise flow control. Wetted materials are 316 SS and PTFE making these ideal for use with corrosives. The HNV has been tested to assure vibration and thermal stability.

Body includes a lock pin to prevent accidental bonnet disengagement. The HNV is available in male x male, male x female, and female x female connections from 1/8˝ to 1˝. Tee handle is constructed of 316 SS and allows low torque operation.

**SPECIFICATIONS**

- **Service:** Gases and liquids compatible with wetted materials.
- **End Connections:** NPT.
- **Wetted Materials:** Body and O-ring: 316 SS; Ball: 316 SS; Valve spindle: PCTFE.
- **Pressure Limits:** 75 psi (517 kPa).
- **Temperature Limits:** 150°F (65°C).
- **Flow Coefficient:** 0.75.
- **Max. Flow:** Air: 300 LPM; Water: 9 LPM.
- **Weight:** 5.6 oz (158.8 g).

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**PTFE Needle Valve**

All PTFE and PCTFE Wetted Parts

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**Model TNV, PTFE Needle Valve**

(Temale x Female) 477.P.N:Layout 2 7/22/10 3:31 PM  Page 1

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