



Instrumentation Valve

NEEDLE VALVE

NV

Type needle valves are designed for use on applications requiring complete isolation or throttling of the media. The conical metal tip (Stem Type CT) press fitted ensures perfect alignment for positive bubble tight shut-off. Available with end connections in sizes from 1/8" to 1" and a wide choice in connections of female screwed, male screwed, male to female screwed or socket weld.



- Design Pressure : 10,000 PSI
- Max temperature : 100⁰ C
- Material : SS304/SS316, Alloy 20, other as per the requirement
- Stem : (DS) Delrin Soft Needle Tip rolled into the needle
- Gland Packing : PTFE
- Stem packing area : Burnished finish for smooth valve operation
- Safety Feature : Back seating for preventing stem blowout

Type of Needle valve:

- I. Male x Female (MF)
- II. Male x Male (MM)
- III. Female x Male (FF)

Application:

- High pressure line shut off
- Instrument isolation
- Drain valve
- Liquid and vapor service

