

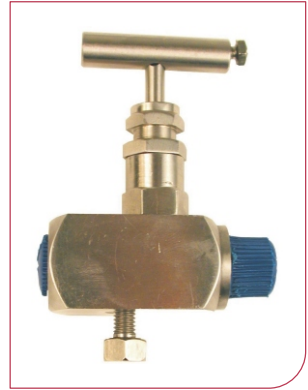


PCi offers a comprehensive range of high-performance bar-stock needle valves in various materials for both simple isolation and block-and-bleed functions.

The fine stem threading and the large seat area allow for precision flow resistance and all valves are constructed with a metal cone-tipped stem to ensure perfect alignment for a bubble-tight shut-off. The needle is self-centring and non-rotating on the valve seat.



Each valve undergoes hydraulic pressure, pneumatic pressure, vacuum, vibration and thermal stability testing to ensure product integrity. With operating pressures up to 600 bar (10,000psi) Whatever your requirement you'll find the ideal valve for any application.

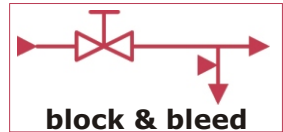


Vented valve version

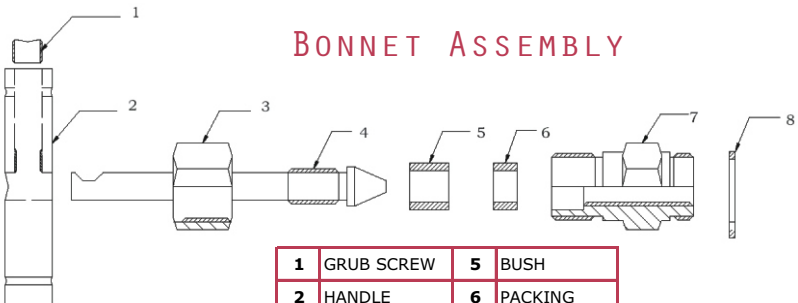


| |
|-------------------------------------|
| Forged or Barstock Construction |
| Operating Pressure up to 10,000 PSI |
| Overload Pressure up to 15,000 PSI |
| Low Torque Operation |
| Non-Rotating Needle Tip |
| Bubble Tght Shut-off |

FLOW PATTERNS



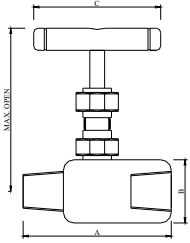
BONNET ASSEMBLY



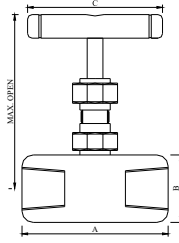
| | | | |
|---|------------|---|------------|
| 1 | GRUB SCREW | 5 | BUSH |
| 2 | HANDLE | 6 | PACKING |
| 3 | GLAND NUT | 7 | GLAND BODY |
| 4 | SPINDLE | 8 | GLAND SEAL |



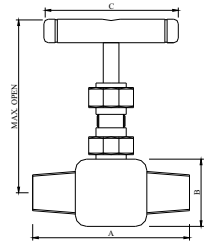
NEEDLE VALVES



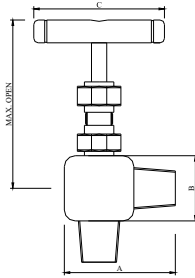
MALE X FEMALE



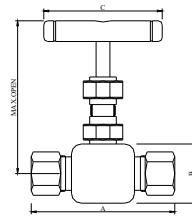
FEMALE X FEMALE



MALE X MALE



ANGLED



TUBE CONNECTION



ORDERING MATRIX ~ NV

Locate the order code for your specification and enter it into the appropriate box. See the above tables and the pressure codes reference section in the introduction for more details. Please note that some options may not be available with all models.

CONNECTION CONFIGURATION
MM: Male x Male
MF: Male x Female
FF: Female x Female
SL: Tube connection

CONNECTION THREAD
B: BSP
N: NPT

CONNECTION SIZE
2: 1/8"
3: 1/4"
5: 3/8"
8: 1/2"
12: 3/4"
16: 1"

CONSTRUCTION MATERIAL
S6L: 316L St. Steel
MN: Monel 400
HS: Hastelloy

QUANTITY

MODEL NO.

VENTING

A: Yes
B: No

PATTERN

S: Straight
A: Angled

