

Ordering Code N1 / N2 Series

WINTERS INSTRUMENTS

DIN EN ISO 9001/2000
ASME B31.1 & ASME B31.3
CSA B51-03 Pending
ATEX PED 97/23EC (CE0035)
ASME VIII Div I UG 101(m)(1)

CE0035

Isolation, Gauge & Vent Valves Codification Chart

Process Connection

M = Male Connection
F = Female Connection
S = Socket Weld
B = Butt Weld

Process Connection Size

4 = 1/4"
2 = 1/2"
3 = 3/4"
Z = See Table 2 code to choose pipe schedule size for welded process connection



code: N1 Series



code: N2 Series

Stuffing Box Seals

T = PTFE
G = Graphite

Manifold Type

1 = Isolation Valve (Needle Vales)
2 = Isolate, Gauge & Vent Valves

Manufacturer Identification

N for
Isolation, Gauge & Vent Valves

N 1 T F 2 G W 2 T A 0 X H P

Thread Size

N = NPT
G = G
B = BSP
T = BSPT
M = M20X1.5
Note: Instrument connection and process connection with same connection

Option

0 = None
OX = Oxygen Clean
P = Panel Mounting

Material of Construction

S = 316 SS
L = 316L SS
E = 316L SS NACE MR 01-75 standard
H = Hastelly C
M = Monel 400
N = Inconel 718
Z = Special requests

Instrument Connection

W = Female Connection
GS = G 1/2" Swivel
Only G 1/2" can be chosen for Swivel type
Z = See Table 2 code to choose pipe schedule size for welded process connection

Anti-tamper Options

X = All T Bars
Z = Special requests

Bleed/Vent Size

X = No bleed, no vent
0 = M8 Screw
4 = 1/4" NPT One bleed
2 = 1/2" NPT One bleed

Bleed/Vent Requirement

A = No bleed, no vent
C = One bleed + one plug
V = One vent + one bleed
W = One vent + one bleed with plug

Instrument Connection Size

4 = 1/4"
2 = 1/2"
3 = 3/4"
S after the size indicates NPT Gauge Swivel.
GS after the size indicates BSPG Gauge Swivel.

Thread Size

N = NPT
G = G
B = BSP
T = BSPT
M = M20X1.5
Note: Instrument connection and process connection with same connection

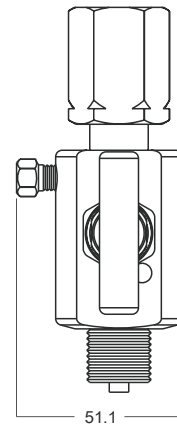
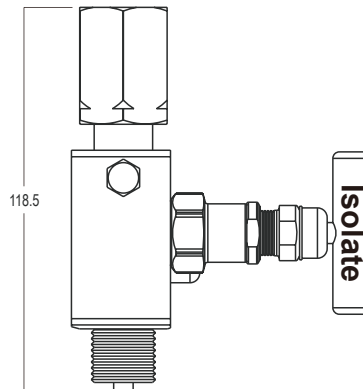
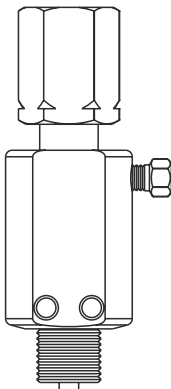
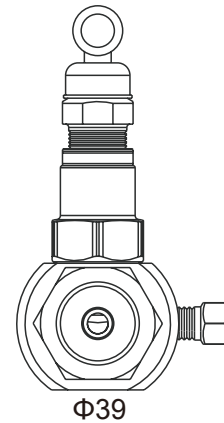
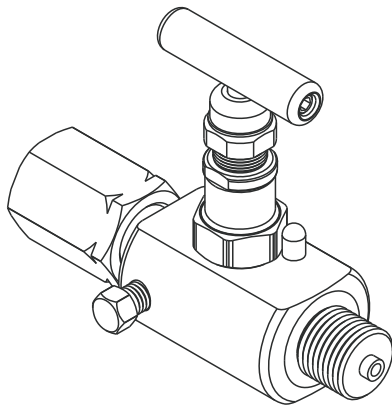
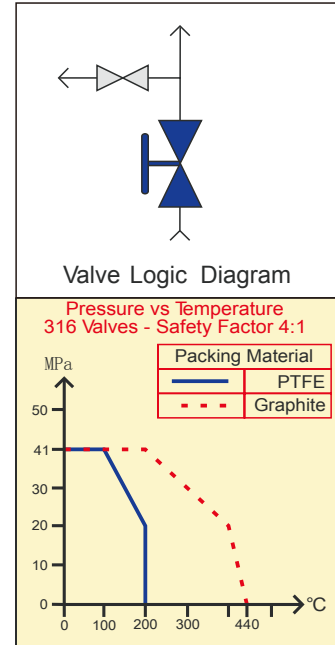
Table 2

E = Sched 5S
F = Sched 10S
G = Sched 40S
H = Sched 80S
J = Sched 160S
Z = Sched XXS

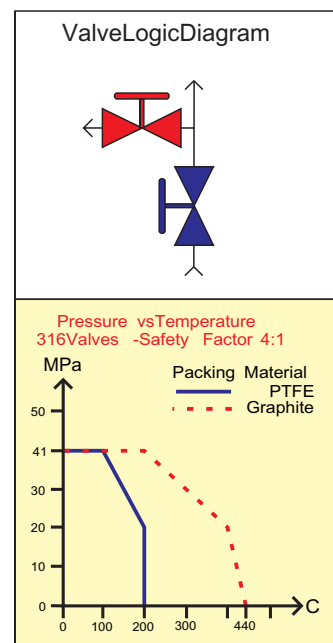
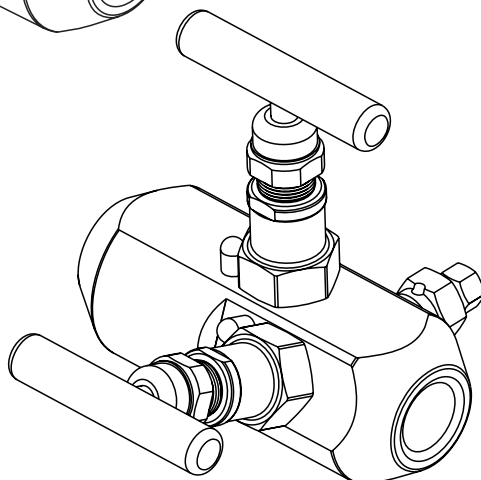
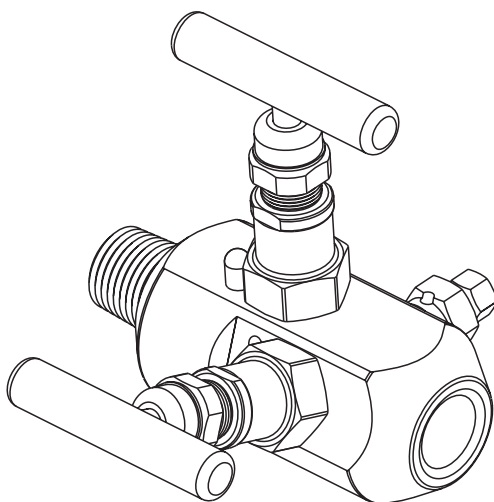
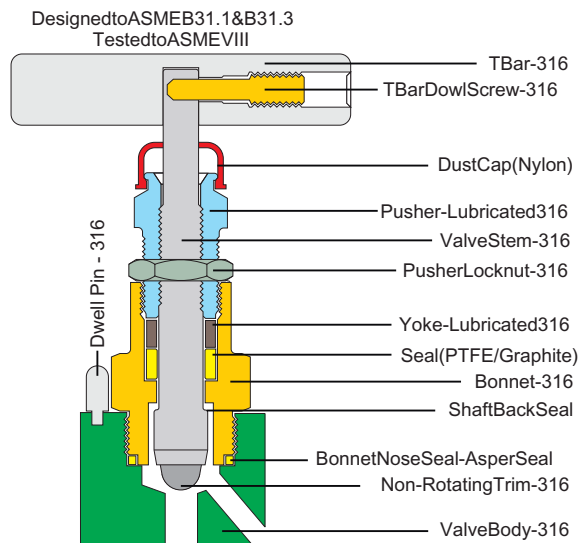
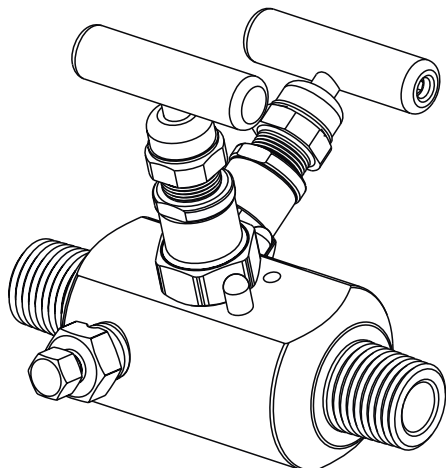
N1

Needle Valve

- Pressure Rating 6000psi and 10000psi
- Valveheads positively anchored
- Fully articulated back-sealing shaft
- Dual, pressure activated, stuffing boxes
- Anti-blowout shaft with full process isolation
- Bubble tight seal guaranteed on liquid & gases
- DIN EN ISO 9001:2000 CSA Pending

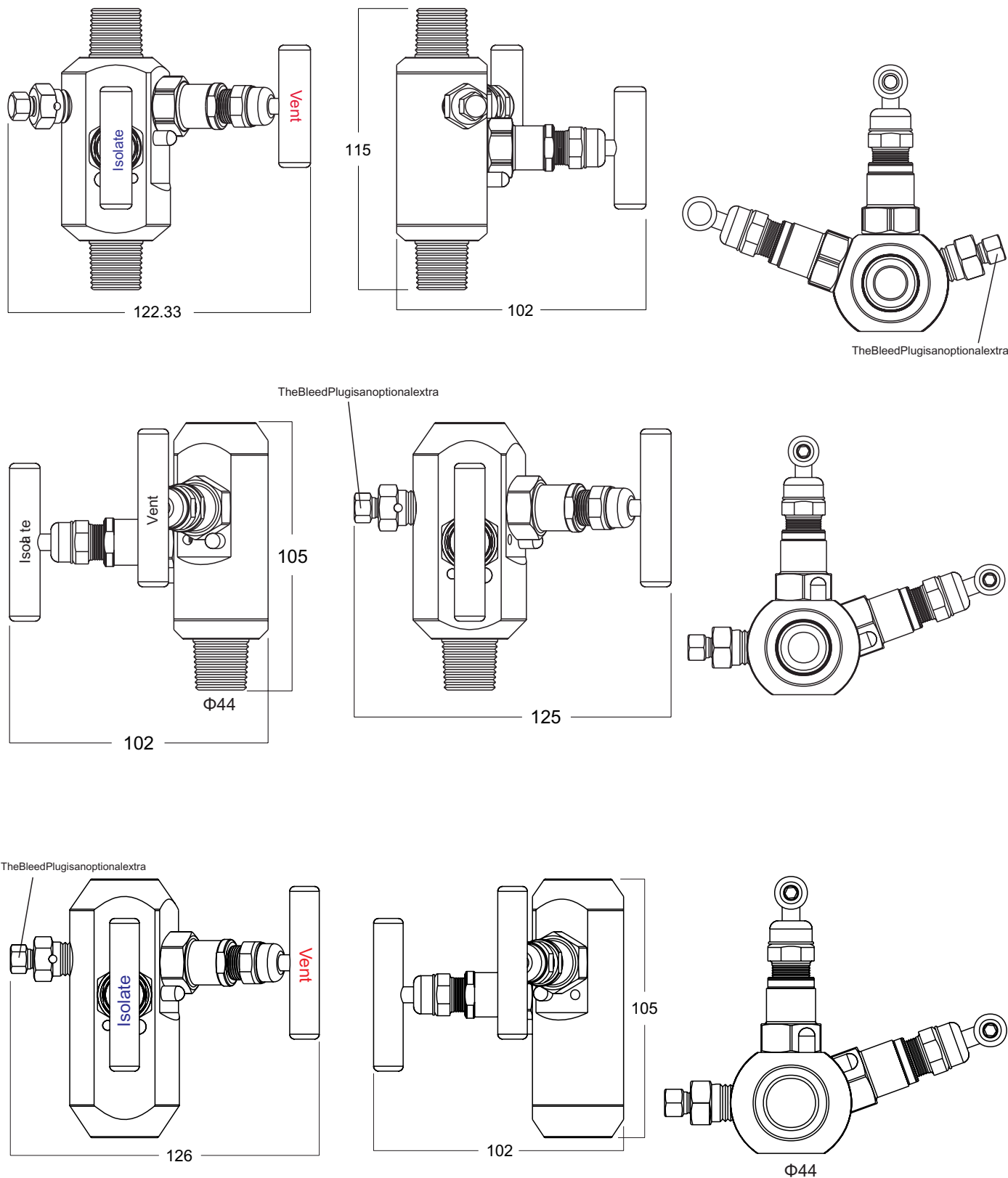


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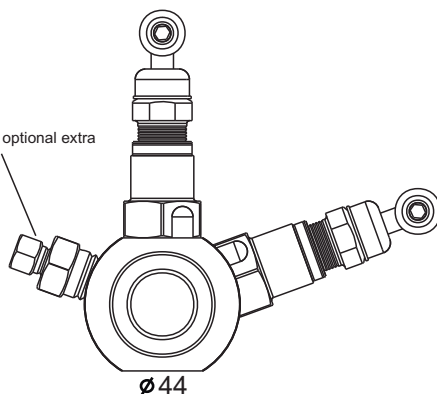
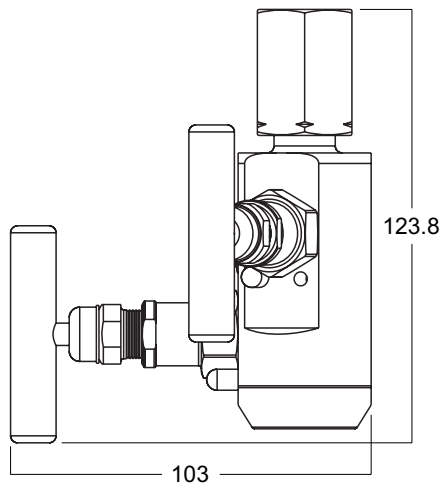
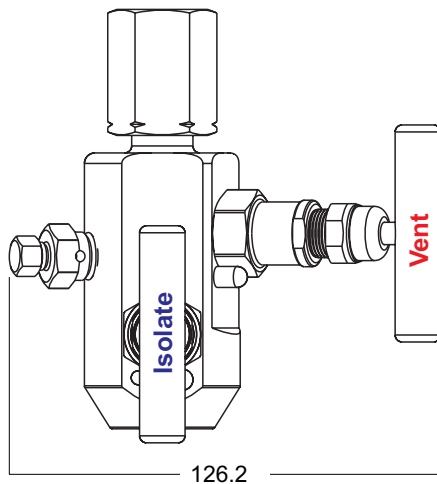
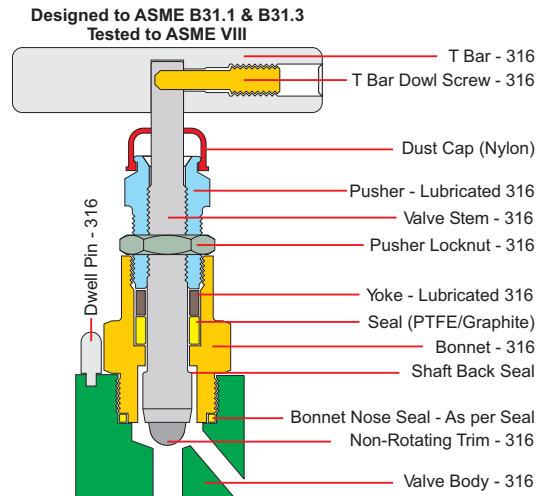
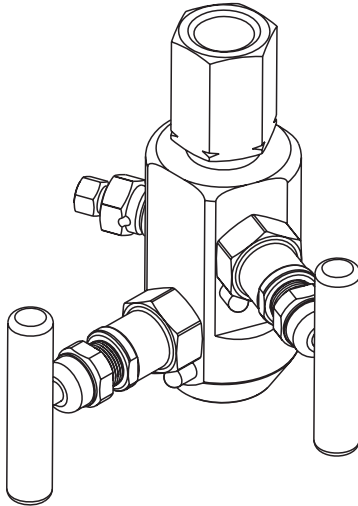


N2 - 2 Way Gauge Valve

Dimensions

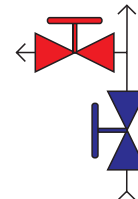


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The Bleed Plug is an optional extra

Valve Logic Diagram



Pressure vs Temperature 316 Valves - Safety Factor 4:1

