

Specifications

For other materials or modifications, please consult TESCOM.

OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

Maximum Inlet Pressure

10,000 psig / 689 bar

Design Proof Pressure

150% of rated pressure

Leakage

Bubble-tight

Operating Temperature

-20°F to 165°F / -29°C to 74°C

Flow Capacity

$C_v = 20$

Maximum Operating Torque

35 in-lbs / 4.0 N•m



TESCOM VN Series high flow, bidirectional valve.

Application

- High pressure / high flow supply lines

Features and Benefits

- Y-Pattern flow path
- Low torque handknob
- Replaceable soft seats
- Grayloc hub connections are available

MEDIA CONTACT MATERIALS

Body

316 Stainless Steel

Seat

Polyimide (Vespel® SP21)

O-Ring

Nitrile, Buna-N, FKM (Viton®-A), Ethylene Propylene

Back-Up Ring

PTFE

Wear Ring

PEEK

Grayloc Hubs

Nitronic 60

Remaining Parts

316 Stainless Steel, 17-4 PH Stainless Steel

OTHER

Cleaning

CGA 4.1 AND ASTM G93

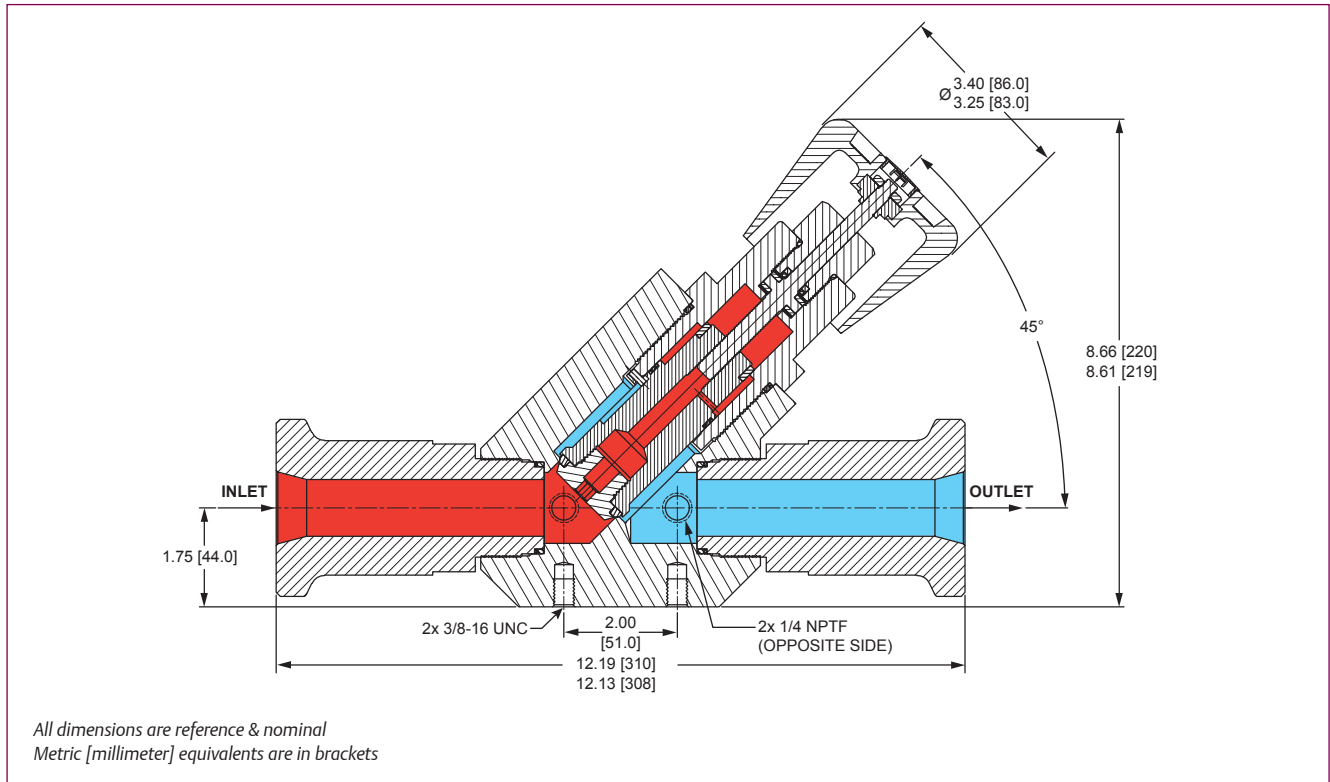
Weight

35 lbs / 15.9 kg

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VN SERIES

VN Series Valve Drawing



VN Series Valve Part Number Selector

Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.

Example for selecting a part number:

VN 6 V B 12 9 12 9 2 - 01

BASIC SERIES	BODY MATERIAL	SEAT MATERIAL	O-RING MATERIAL	INLET PORT SIZE	INLET PORT TYPE	OUTLET PORT SIZE	OUTLET PORT TYPE	GAUGE PORTS	MODIFICATION NUMBER
VN	6 – 316 Stainless Steel	V – Polyimide (Vespel® SP1)	B – Nitrile, Buna-N E – E.P. V – FKM (Viton®-A)	12 – 1-1/2"	9 – Threaded Grayloc Hub	12 – 1-1/2"	9 – Threaded Grayloc Hub	2 – 1/4" NPTF	01 – 1-1/2" Grayloc Hubs
Pressure at which valve is used must be compatible with the pressure rating of the valve and port size/type provided.									