

## 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



### 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

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

### OTHER

**Cleaning**

CGA 4.1 AND ASTM G93

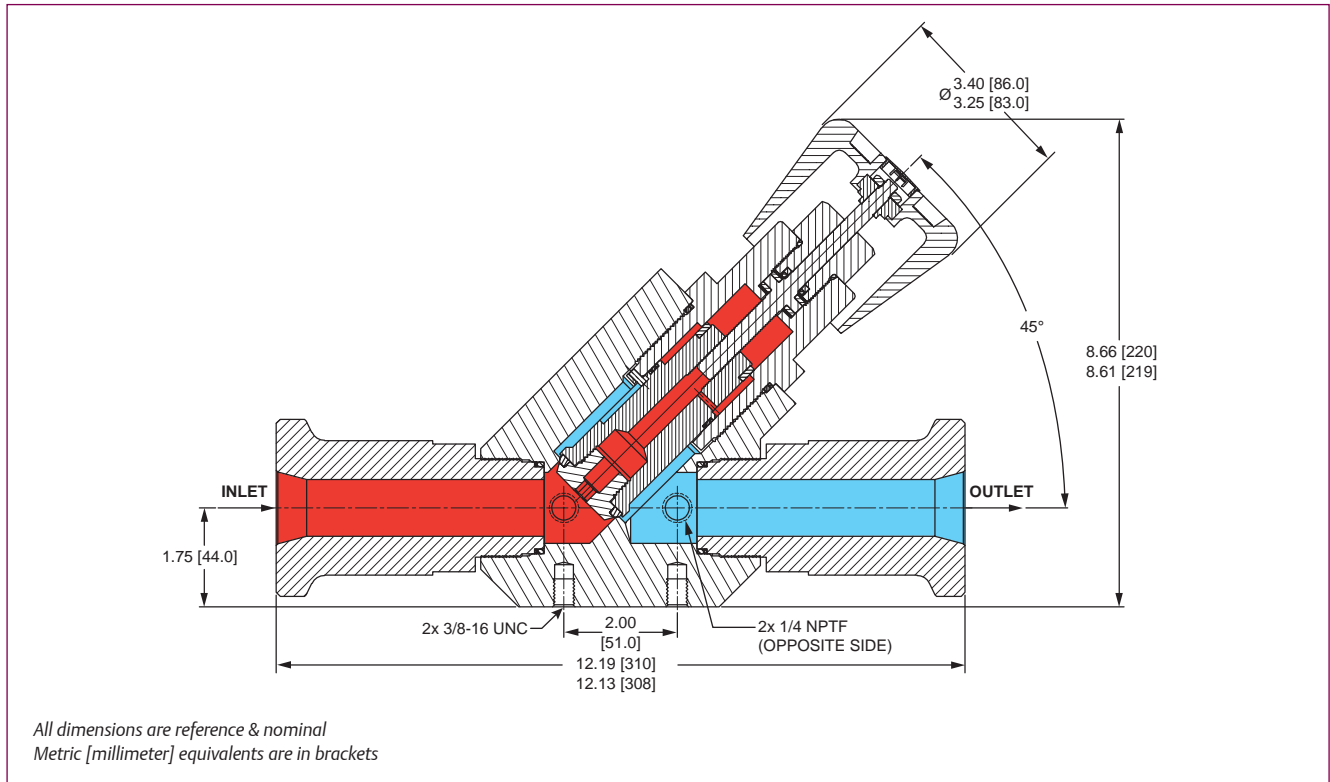
**Weight**

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.										