

# VM Series

## On/Off and Shut-off Valves

DVMXX2051X012

### Specifications

For other materials or modifications, please consult TESCOM.

#### OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

**Maximum Operating Pressure**

6000 psig / 414 bar

**Design Proof Pressure**

150% maximum rated

**Leakage**

**Internal:** Bubble-tight

**External:** Bubble-tight

**Operating Temperature**

See Part Number Selector

**Flow Capacity**

$C_v = 4.5$

**Minimum Actuation Pressure**

80 psig / 5.5 bar

**Maximum Actuation Pressure**

125 psig / 8.6 bar

#### MEDIA CONTACT MATERIALS

**Body and Trim**

316 Stainless Steel

**Seat**

Vespe<sup>®</sup>

**Valve**

316 Stainless Steel

**O-Rings**

Buna-N, Kalrez<sup>®</sup>, Viton<sup>®</sup>, E.P., Urethane

**Back-up Rings**

Teflon<sup>®</sup>

#### OTHER

**Cleaning**

CGA 4.1 and ASTM G93

**Weight (approximate)**

19 lbs / 8.6 kg

Teflon<sup>®</sup>, Vespe<sup>®</sup>, Kalrez<sup>®</sup> and Viton<sup>®</sup> are registered trademarks of E.I. du Pont de Nemours and Company.



TESCOM VM Series is an air-operated high pressure, high flow valve.

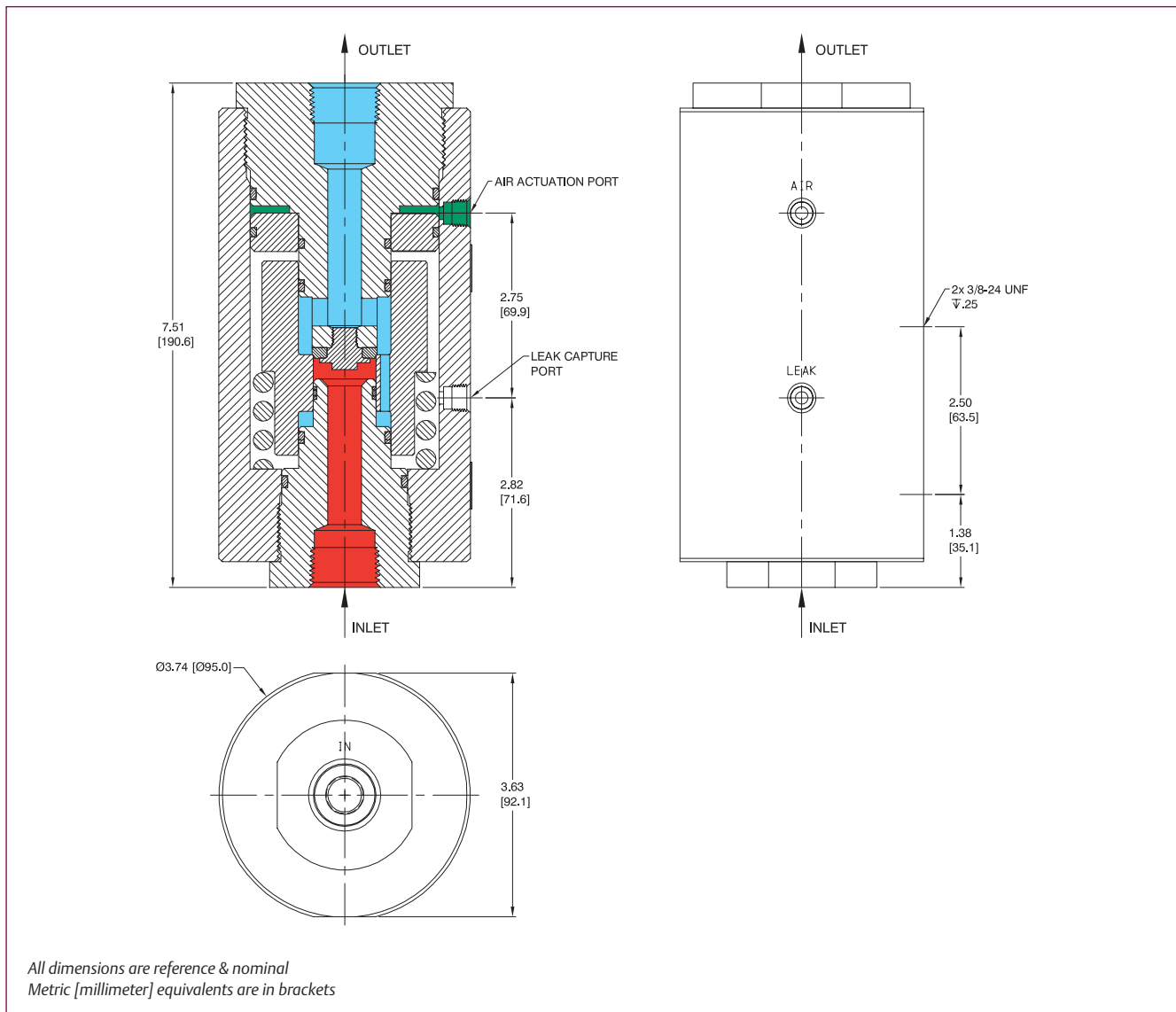
### Applications

- High pressure gas and liquid
- High flow filling applications
- Testing of high pressure and high flow components

### Features and Benefits

- Normally closed valve
- Balanced valve
- In-line flow path to minimize the pressure drop across the valve
- High operating pressures of 6000 psig / 414 bar

## VM Series Valve Drawing



## VM 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:

BASIC SERIES	BODY AND TRIM MATERIAL	SEAT MATERIAL	O-RING MATERIAL	MAXIMUM OPERATING PRESSURE	OPERATING TEMPERATURES	INLET PORT TYPE	INLET PORT SIZE	OUTLET PORT SIZE	OUTLET PORT SIZE	AIR AND LEAK PORT SIZE/TYPE
VM	6 - 316 Stainless Steel	Vespe <sup>l</sup>	VB - Buna-N VK - Kalrez <sup>®</sup> VV - Viton <sup>®</sup> VE - E.P. VU - Urethane	6000 psig / 414 bar	-40°F to 165°F / -40°C to 74°C -15°F to 250°F / -26°C to 121°C -15°F to 250°F / -26°C to 121°C -40°F to 250°F / -40°C to 121°C -20°F to 165°F / -29°C to 74°C	1 - SAE 2 - NPTF 3 - MS33649	12 - 3/4" 16 - 1"	1 - SAE 2 - NPTF 3 - MS33649	12 - 3/4" 16 - 1"	2 - 1/8" NPTF



**WARNING!** Do not attempt to select, install, use or maintain this product until you have read and fully understood the TESCOM Safety, Installation and Operation Precautions.

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