

## Specifications

For other materials or modifications, please consult TESCOM.

### OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

#### Maximum Inlet Pressure

**Stainless Steel:** 10,000 psig / 690 bar

**Brass:** 6000 psig / 415 bar

#### Maximum Outlet Pressure

5-500, 5-800, 10-1500, 15-2500, 25-4000, 50-6000, 200-10,000 psig  
0.3-35, 0.3-55, 0.7-105, 1-175, 1.7-275, 3.4-415, 14-690 bar

#### Design Proof Pressure

150% maximum rated

#### Leakage

Bubble-tight

#### Operating Temperature

-40°F to 165°F / -40°C to 74°C

#### Flow Capacity

**Standard:**  $C_v = 0.06$

**Optional:**  $C_v = 0.02, 0.12, 0.30$

### MEDIA CONTACT MATERIALS

#### Body

316 Stainless Steel or Brass

#### Bonnet

300 Series Stainless Steel

#### 40 Micron Filter

300 Series Stainless Steel or Bronze

#### Seat

**Main Valve:** Polyimide (Vespe<sup>l</sup>)

**Vent Valve:** PCTFE

#### Seals

Nitrile, Buna-N

#### Back-Up Rings

PTFE

#### Trim

300 Series Stainless Steel

### OTHER

#### Cleaning

CGA 4.1 and ASTM G93

#### Weight (without gauges)

**Stainless Steel:** 5.5 lbs / 2.5 kg

**Brass:** 5.7 lbs / 2.6 kg

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



TESCOM 26-1000 Series controls pressures up to 10,000 psig / 690 bar. This pressure reducing regulator offers standard venting providing decreased outlet pressure. The 26-1000 Series has an interchangeable spring and sensor for product versatility. The low torque handknob is easy to adjust.

### Applications

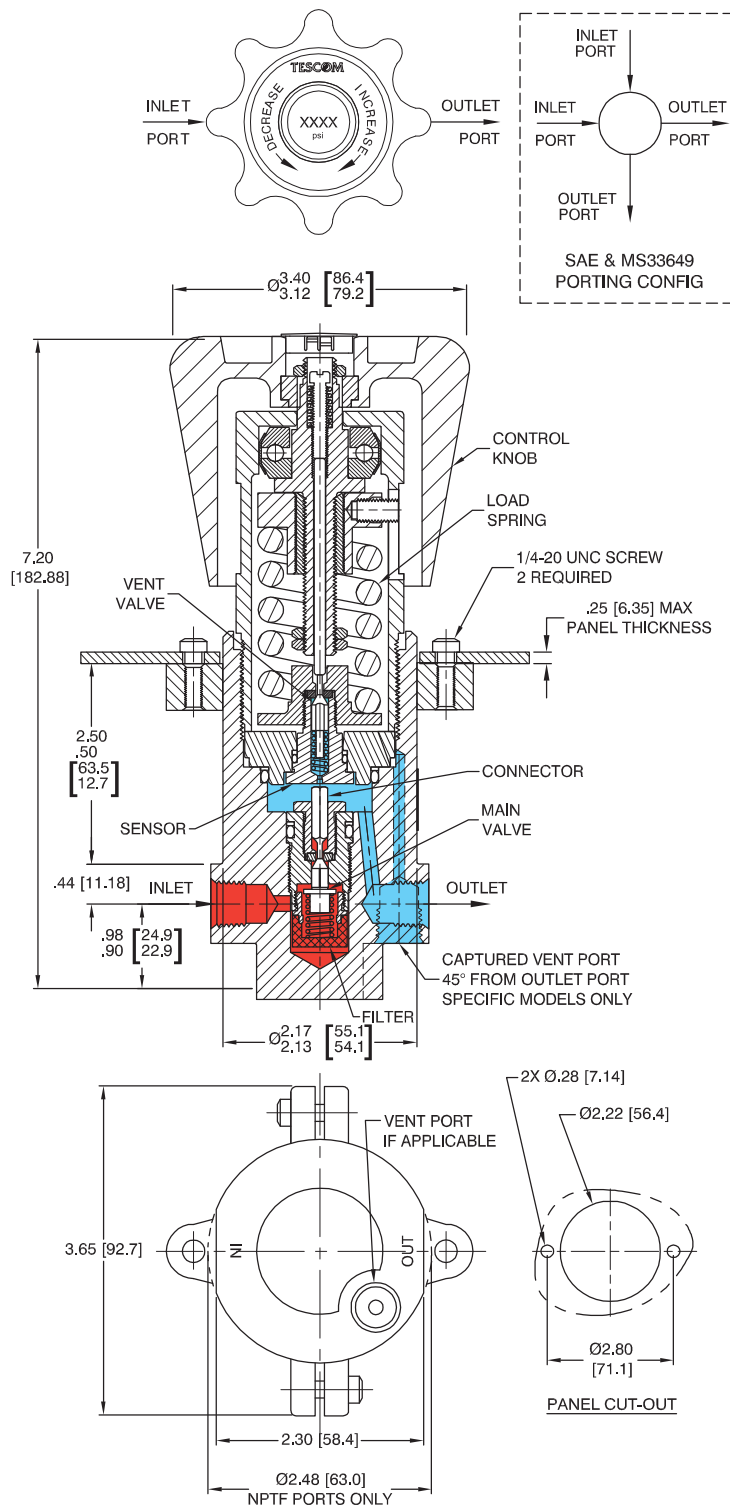
- Test equipment
- Calibration stands
- Production equipment

### Features and Benefits

- Can be easily converted to seven different outlet pressure ranges
- Available with captured venting
- Numerous inlet and outlet porting options
- Available in Brass or Stainless Steel
- Unbalanced stem provides positive shut-off
- Safety and reliability of piston sensor
- Excellent sensitivity through a wide range of pressure settings
- Vents to zero psig / bar in all pressure ranges

# 26-1000 SERIES

## 26-1000 Series Regulator Drawing

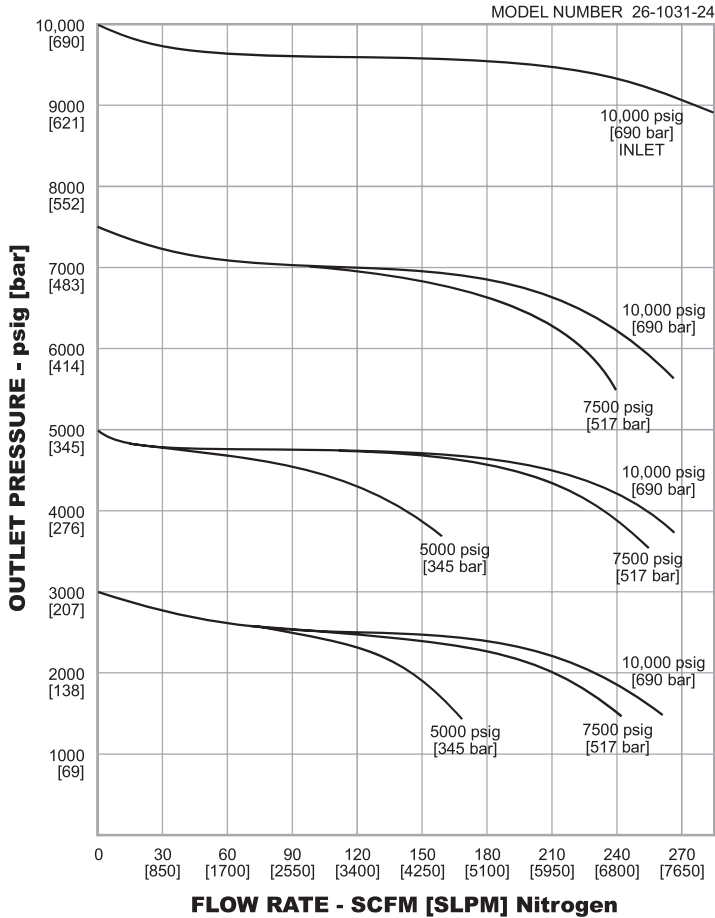
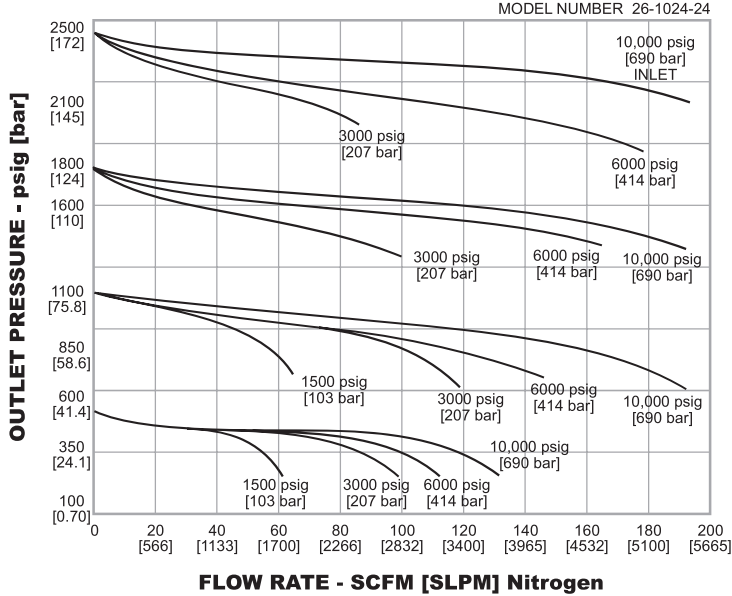


All dimensions are reference & nominal  
Metric [millimeter] equivalents are in brackets

**CAUTION:**  
Vent port at base of regulator must not be plugged or restricted.

26-1000 Series Regulator Flow Charts

For more information on how to read flow curves, please refer to the Flow Curves and Calculations document (debul2007x012) in the TESCOM catalog or on [www.tescom.com](http://www.tescom.com).



# 26-1000 SERIES

## 26-1000 Series Regulator Part Number Selector



**Learn more about common options.**

For modifications, repair kits and accessories, contact factory.

Example for selecting a part number:

26-10	1	4	-	3	4	[BLANK]
BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE RANGE		INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE	OPTIONS
26-10	1 – Brass 6 – 316 Stainless Steel	1 – 200-10,000 psig 14-690 bar (Stainless Steel Body Only) 2 – 50-6000 psig 3.4-415 bar 3 – 25-4000 psig 1.7-275 bar 4 – 15-2500 psig 1-175 bar 5 – 10-1500 psig 0.7-105 bar 6 – 5-800 psig 0.3-55 bar 7 – 5-500 psig 0.3-35 bar		1 – SAE <sup>1</sup> (SAR <sup>1</sup> for Europe) 2 – NPTF 3 – MS33649 <sup>1</sup> 4 – High Pressure 6 – Medium Pressure	4 – 1/4" 6 – 3/8" (NPTF only)	[BLANK] – None 005 – FKM (Viton®-A) O-rings 008 – 1/4" NPTF inlet and outlet gauge ports 045 – Non-venting 163 – 1/2" inlet and outlet ports 249 – 15,000 psig / 1034 bar inlet capability (Stainless Steel model only)
<p><i>NOTE: All pressure ranges vent to zero psig.</i></p>						

*1. Two inlet and outlet ports standard at 90°*