

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: Vespel®

Vent Valve: CTFE

Seals

Buna-N

Back-Up Rings

Teflon®

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

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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.

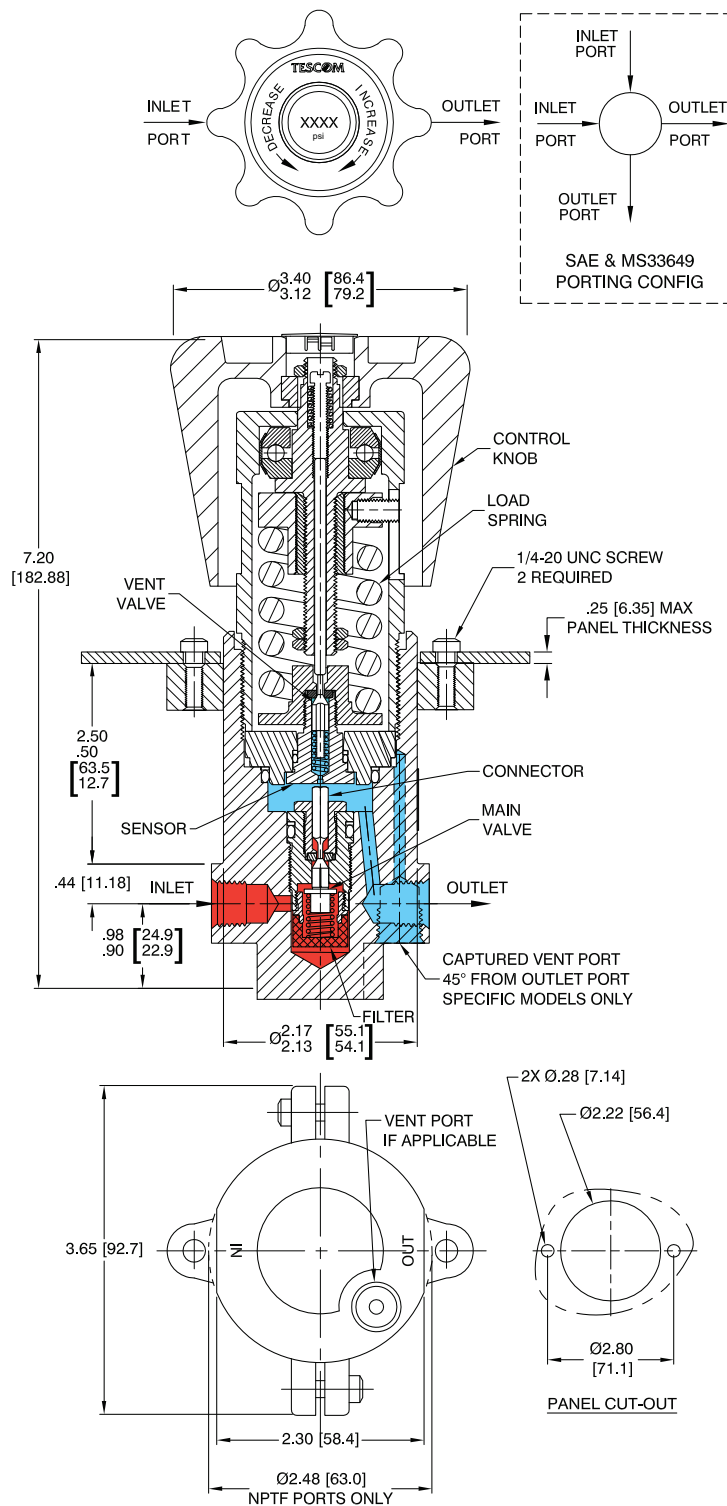
Applications

- 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 Regulator Drawing

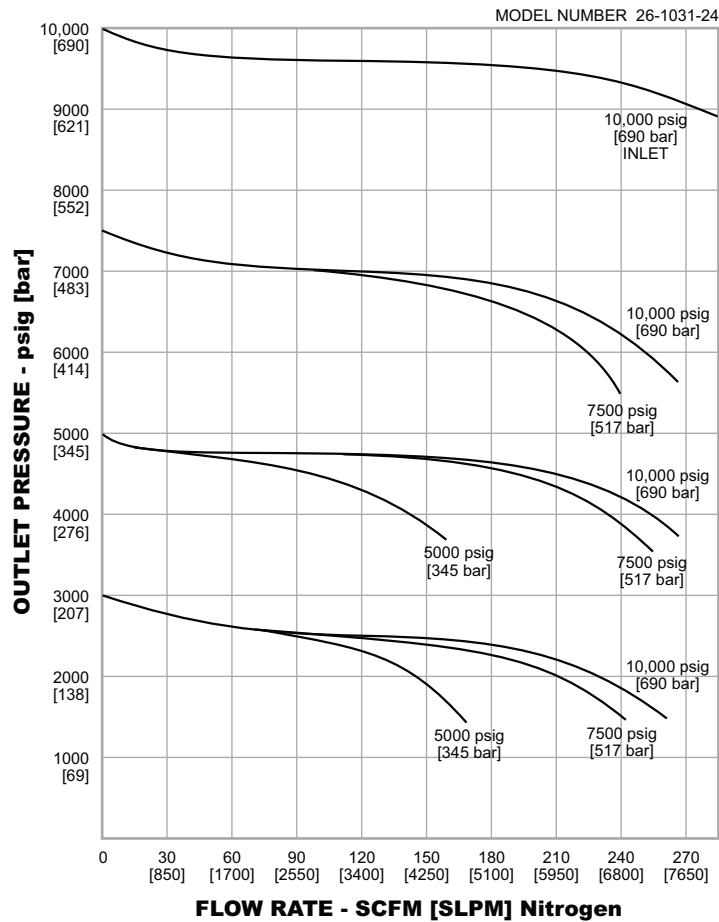
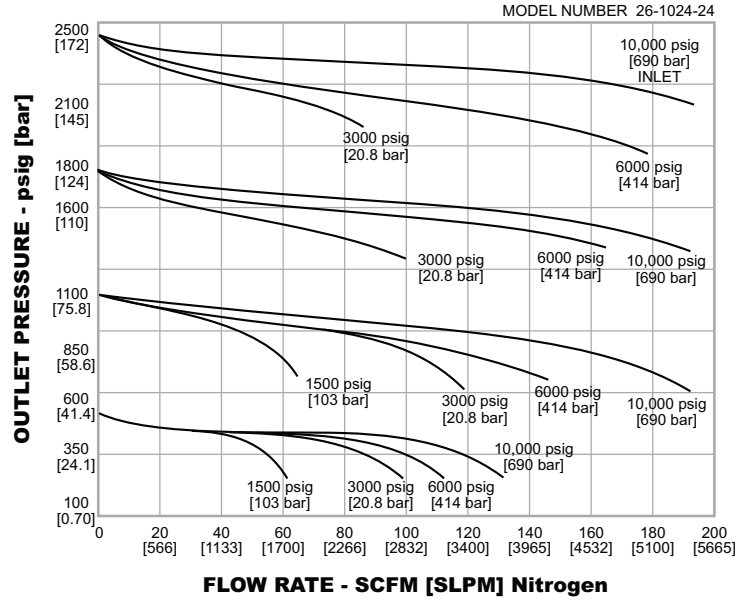


All dimensions are reference & nominal
Metric [millimeter] equivalents are in brackets

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.



26-1000 Series Regulator 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:

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 ¹ (SAR ¹ for Europe) 2 – NPTF 3 – MS33649 ¹ 4 – High Pressure 6 – Medium Pressure	4 – 1/4" 6 – 3/8" (NPTF only)	[BLANK] – None 065 – 316 Stainless Steel Wetted 005 – 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>						