



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE • UK • INDIA • AZERBAIJAN



SY- REGULATORS - PRESSURE REDUCING

Specifications

For other materials or modifications, please consult TESCOM.

OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

Maximum Inlet Pressure
Stainless: 6000 psig / 414 bar
Brass, Aluminum: 5000 psig / 345 bar
Outlet Pressure Ranges
0-50, 0-150, 0-250 psig
0-3.4, 0-10.3, 0-17.2 bar
Design Proof Pressure
150% maximum rated
Leakage
Bubble-tight
Ambient Operating and Fluid Media
Temperature
-40°F to 165°F / -40°C to 74°C
Flow Capacity
Cv = 0.08
Maximum Operating Torque
20 in-lbs / 2.3 Nm

MEDIA CONTACT MATERIALS

Body
316 Stainless Steel, Brass, Aluminum
Bonnet
300 Series Stainless Steel
40 Micron Filter
316 Stainless Steel
Seat
PCTFE
O-Rings
Nitrile, Buna-N
Diaphragm
Nitrile, Buna-N
Remaining parts
300 Series Stainless Steel

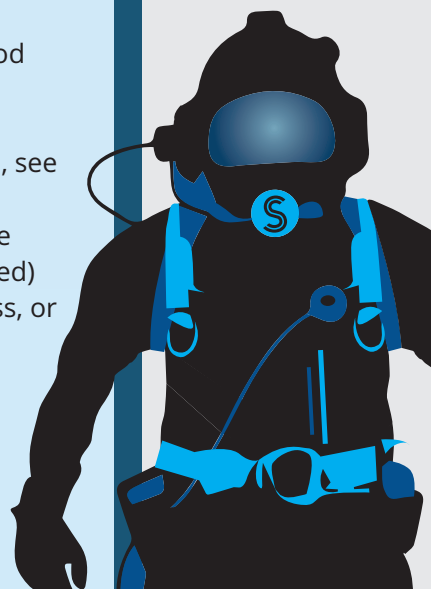
OTHER

Cleaning
CGA 4.1 and ASTM G93
Weight (without gauges)
Stainless, Brass: 3 lbs / 1.4 kg

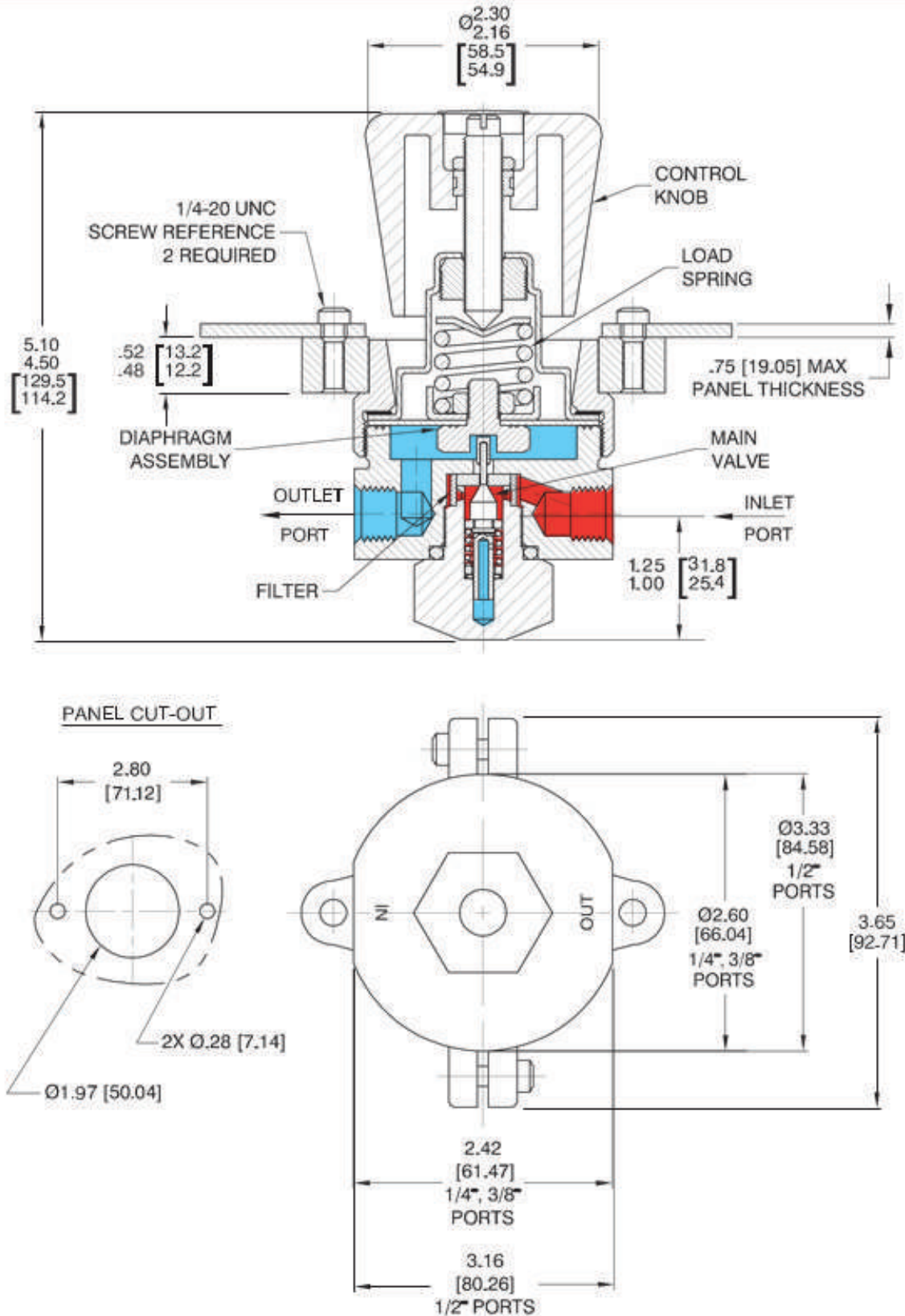


TESCOM 26-1500 Series non-venting regulator offers a sensitive, large elastomeric diaphragm design and precision outlet pressure control

- **Applications**
 - Research labs
 - Breathing air diving manifold
 - Low flow purge systems
 - Gas and liquid sampling
- **Features and Benefits**
 - Diaphragm design for accurate pressure regulation
 - Numerous porting and soft good options are available
 - Excellent repeatability
 - Non-venting (for venting design, see 26-1600 Series)
 - Low operating handknob torque
 - Panel mounting (bracket included)
 - Available in Stainless Steel, Brass, or Aluminum construction
 - Gauge ports are available
 - High flow Cv = 0.24 version is available (maximum inlet pressure: 3000 psig / 207 bar)



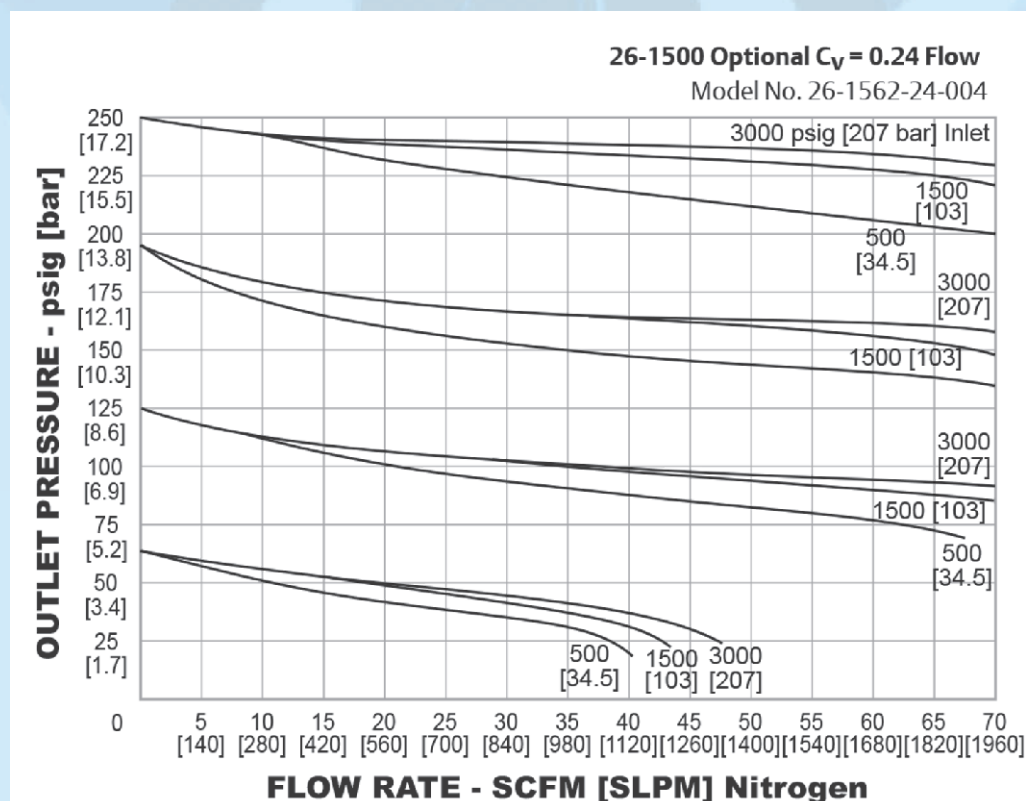
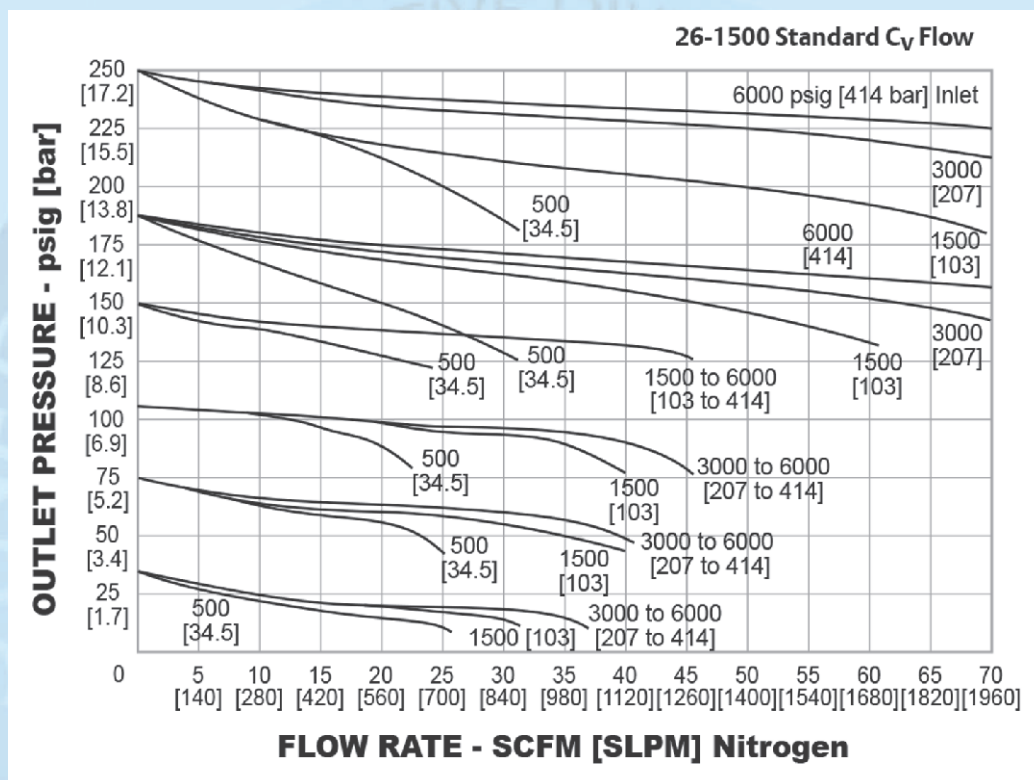
SY- 26-1500 SERIES REGULATOR DRAWINGS





SY- 26-1500 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 TESCO catalog or on





SY- 26-1500 SERIES REGULATOR PART NUMBER SELECTOR

Learn more about common options.
For modifications, repair kits and accessories, contact factory.

Example for selecting a part number:

DOME LOAD/SPRING BIAS

26-15	6	1	2	4
BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE RANGES0	INLET, OUTLET, AND GAUGE PORT TYPE1 – SAE	INLET, OUTLET, AND GAUGE PORT TYPE1 – SAE
26-15	1 – Brass	– 0-50 psig	2 – NPTF	
	3 – 2024 Aluminum	0-3.4 bar		2 – NPTF
	6 – 316 Stainless Steel		3 – MS33649	
		1 – 0-150 psig		3 – MS33649
		0-10.3 bar		
		2 – 0-250 psig		
		0-17.2 bar		





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DIVE CONTROL-THREE DIVER GAS PANEL

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