



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE • UK



## SY- REGULATORS - PRESSURE REDUCING

### Specifications

For other materials or modifications, please consult TESCOM.

### OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

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



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

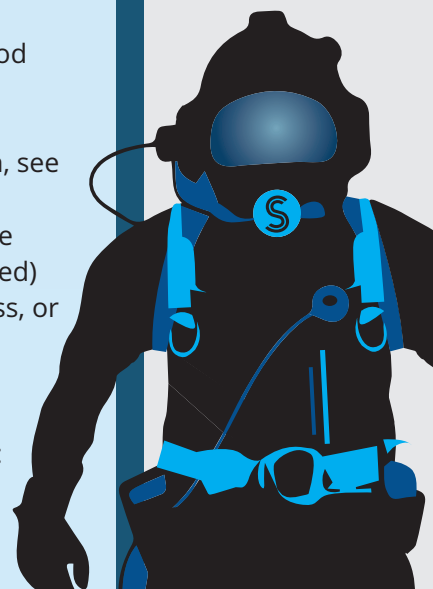
### MEDIA CONTACT MATERIALS

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

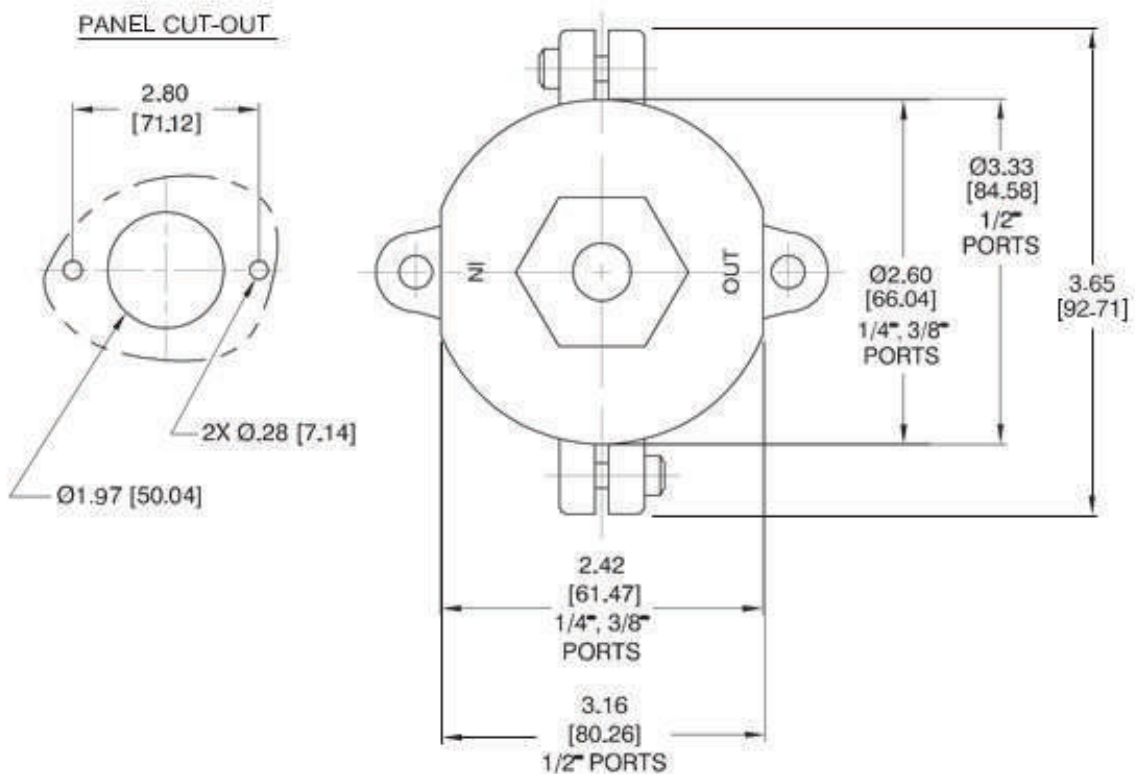
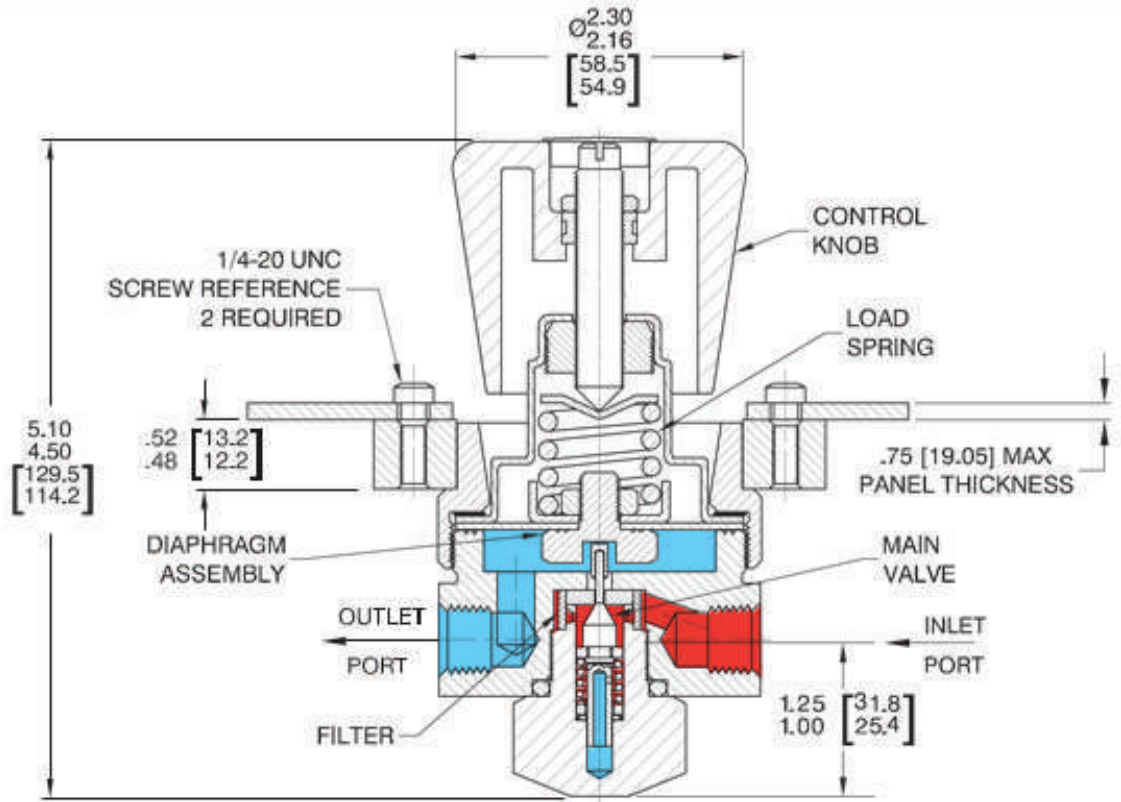
- **Applications**
  - Research labs
  - Breathing air diving manifold
  - Low flow purge systems
  - Gas and liquid sampling
- **Features and Benefits**
  - Diaphragm design for accurate pressure regulation
  - Numerous porting and soft good options are available
  - Excellent repeatability
  - Non-venting (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)

### OTHER

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



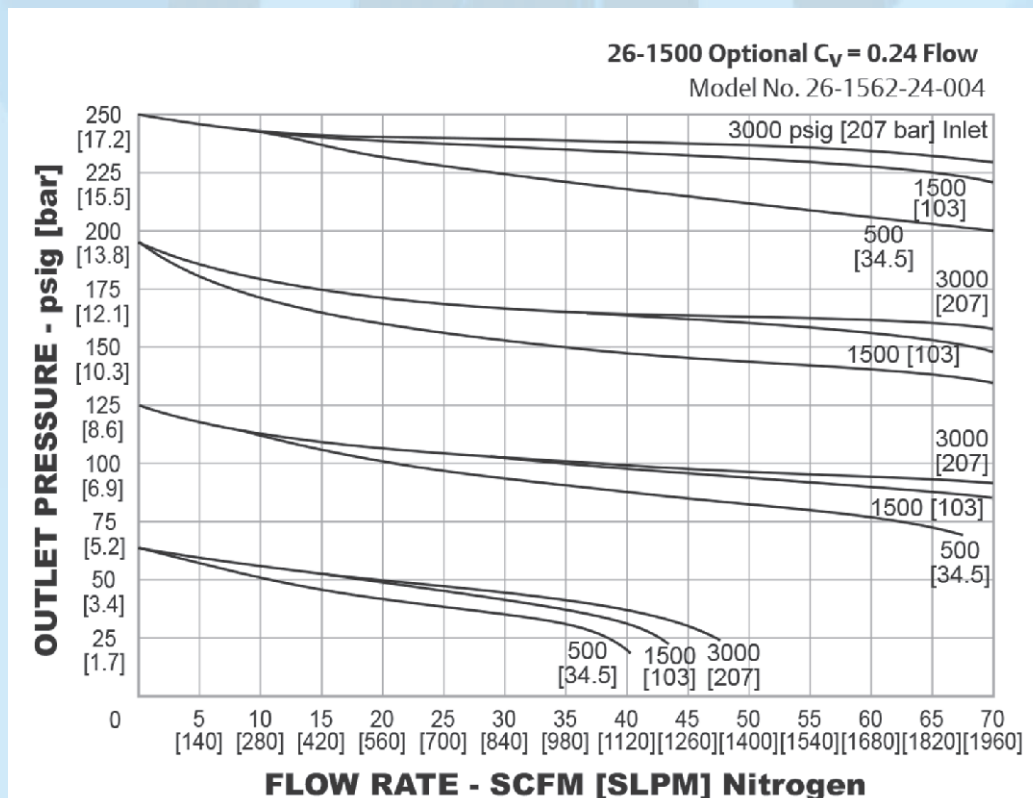
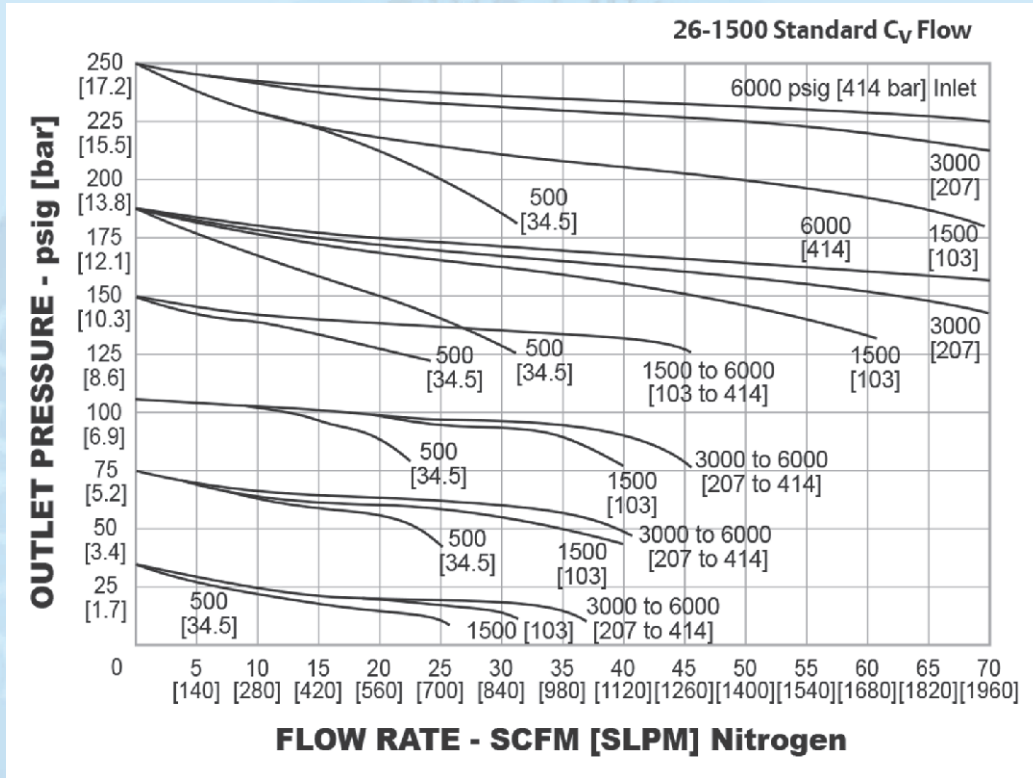
## SY- 26-1500 SERIES REGULATOR DRAWINGS





## 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

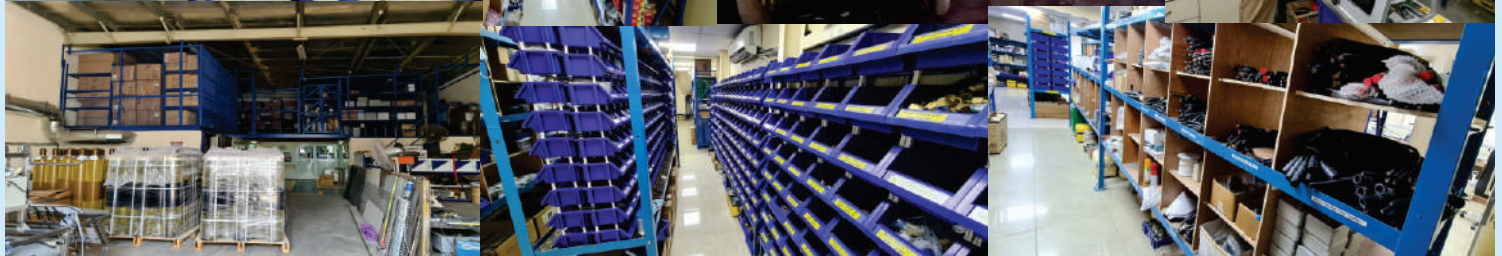
26-15    6    1    2    4

| BASIC SERIES | BODY MATERIAL           | OUTLET PRESSURE RANGES <sup>0</sup> | INLET, OUTLET, AND GAUGE PORT TYPE <sup>1</sup> – SAE | INLET, OUTLET, AND GAUGE PORT TYPE <sup>1</sup> – 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                          |   |   |
|              |                         |                                     |   |   |
|              |                         |                                     |   |   |





## SYNERGY INFRASTRUCTURE





# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC


INSPIRING • ENGINEERING • INNOVATION









UAE • UK






## DIVE CONTROL-THREE DIVER GAS PANEL

### Contact us

 P.O. Box – 237849, Warehouse No 8,  
Al Madoor Warehouse, Al Qusais,  
Industrial Area - Dubai - UAE

 Tel : 009714 2580533   
 Fax : 009714 2580534   
 UAE : 00971505648178   
 UK : 00447951966260 

 Website : [www.synergiequipment.com](http://www.synergiequipment.com)  
 Email : [ram@synergiequipment.com](mailto:ram@synergiequipment.com)  
 For Sale : [info@synergiequipment.com](mailto:info@synergiequipment.com)

