## **Specifications**

For other materials or modifications, please consult TESCOM.

### **OPERATING PARAMETERS**

Pressure rating per criteria of ANSI/ASME B31.3

#### **Maximum Inlet Pressure**

10,000 psig / 690 bar 15,000 psig / 1034 bar

### **Maximum Outlet Pressure**

Up to 10,000 psig / 690 bar standard

### **Design Proof Pressure**

150% maximum rated

#### Leakage

Non Metal Seat: Bubble-tight

Metal Seat: 2 drops/minute at 150 SUS at 2500 psig / 172 bar

#### **Operating Temperature**

-15°F to 165°F / -26°C to 74°C

#### Flow Capacity

 $C_V = 0.02, 0.06, 0.12$ 

### MEDIA CONTACT MATERIALS

#### Body

316 Stainless Steel

#### Seat, Vent and Main Valve

17-4 Stainless Steel, Vespel®

### Back-up O-Rings

See Part Number Selector

## **Remaining Parts**

300 Series Stainless Steel, 17-4 Stainless Steel, and Nitronic 60

### **OTHER**

#### Cleaning

CGA 4.1 and ASTM G93

## Weight

5.5 lbs / 2.5 kg

Teflon®, Vespel®, and Viton® are registered trademarks of E.I. du Pont de Nemours and Company.



TESCOM 50-2000 Series pressure reducing regulator is specifically designed for extended life operation in high pressure hydraulic applications.

## **Applications**

- Wellhead control panels
- Subsea valve actuation
- Chemical injection
- Hydraulic Power Units (HPU)

### **Features and Benefits**

- New stem and seal design extends service life in crucial high pressure water-based hydraulic applications
- Specially designed seat and valve for excellent operation in hydraulic applications
- Segregated captured venting
- Tapered poppet design for better pressure control
- Higher pressure models are available

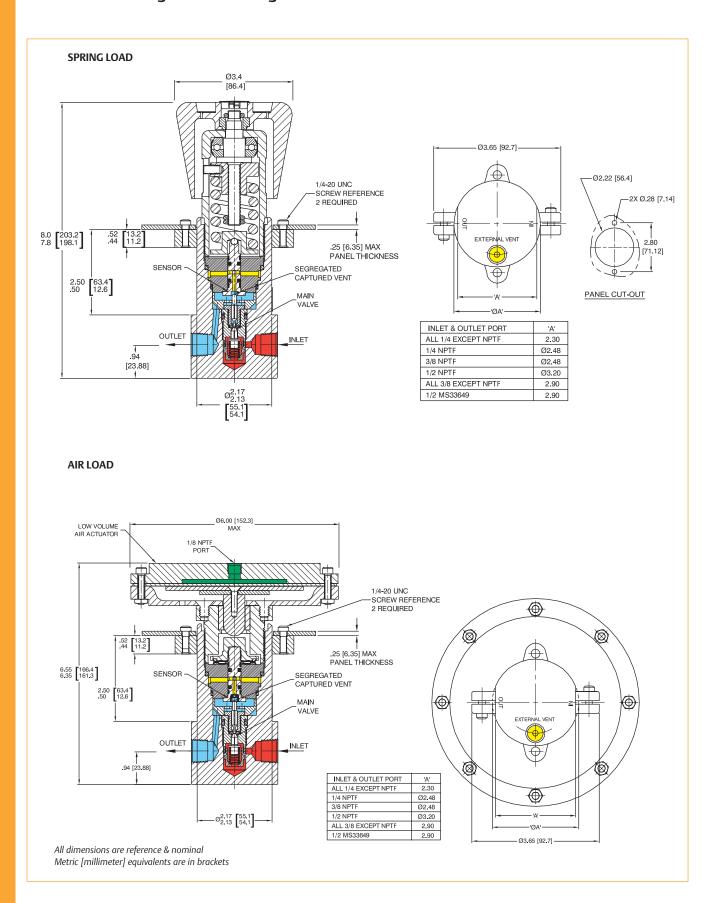






# **TESCOM**

# **50-2000 Series Regulator Drawings**

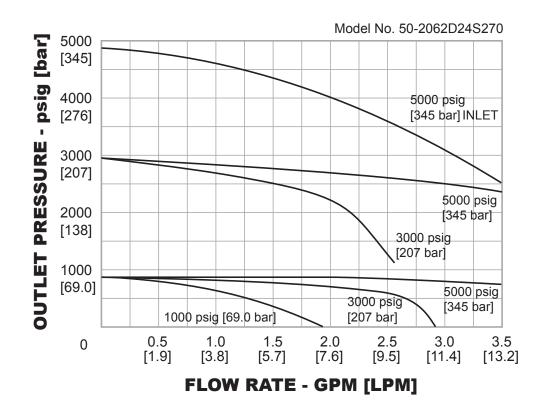


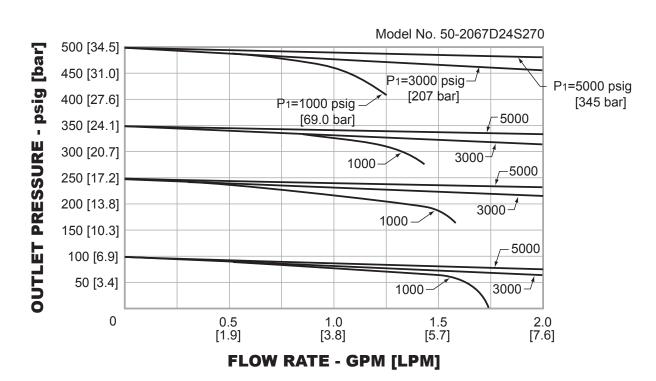


## **TESCOM**

## **50-2000 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.

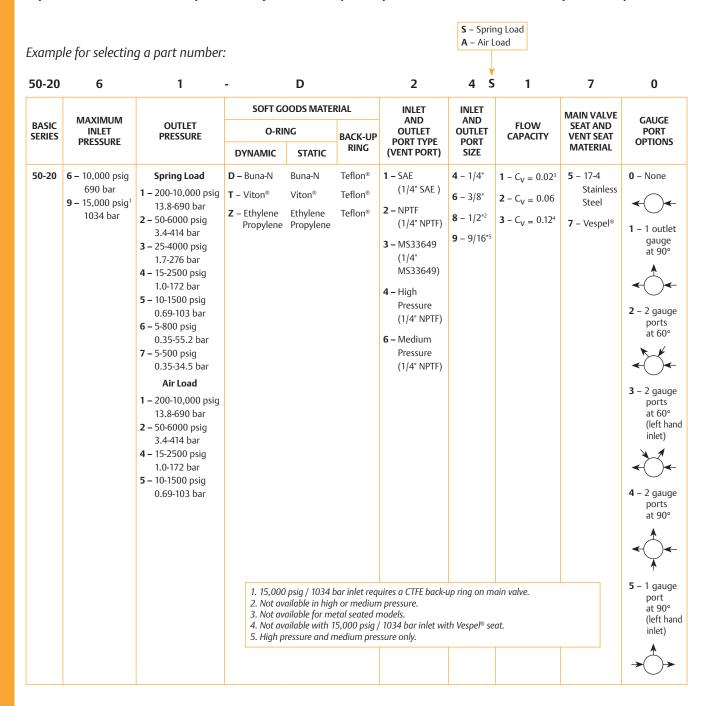






## 50-2000 Series Regulator Part Number Selector

Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.



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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.

