

# Tracking / Pump Applications

max. 35 bar in / 35 bar out  
positive bias 0 - 7 bar

## SJS Series

### Specifications

#### Operating Parameters

Max. rated inlet pressure: ...35 bar (500 PSIG)  
Max. rated reference:.....28 bar (400 PSIG)  
Outlet pressure - bias & ref. (max.):  
.....35 bar (500 PSIG)  
Bias pressure range:.... 0 - 7 bar (0 - 100 PSIG)  
Design outlet proof pressure:  
..... 150% of max. rated pressure  
Leakage:  
Internal:..... Bubble-tight  
External:Design to meet:  $< 2 \times 10^{-8}$  mbar l/s He  
Operating temperature: ..... -40 °C to +75 °C  
Flow capacity:..... Cv = 0.12

#### Media Contact Materials

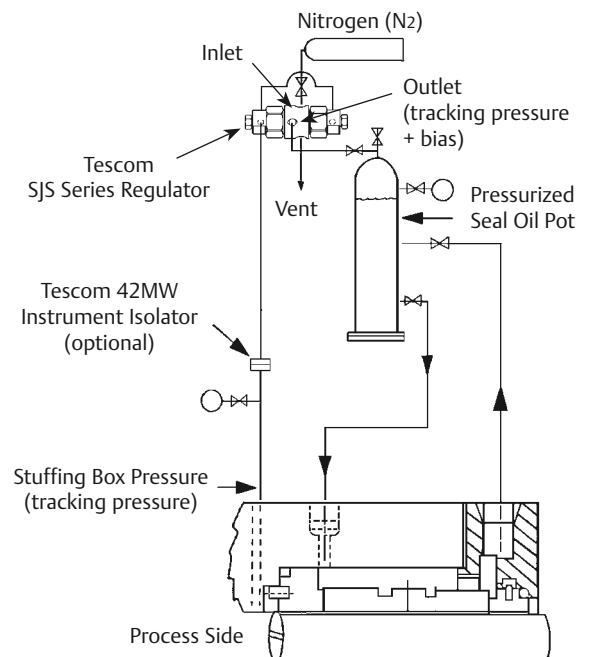
Body: ..... 316 stainless steel  
Seats:  
Pressure Reducing: ..... Teflon®  
Back Pressure: ..... Vespel®  
Friction Sleeve (inner): ..... Teflon®  
Friction Sleeve (outer):..... 316 stainless steel  
Diaphragms: ..... Elgiloy®  
Remaining parts: ..... 316 stainless steel  
*For other materials and modifications, please consult factory.*

Connections: 1/4" NPT inlet, outlet & vent ports

Weight (without gauges): ..... 0.9 kg



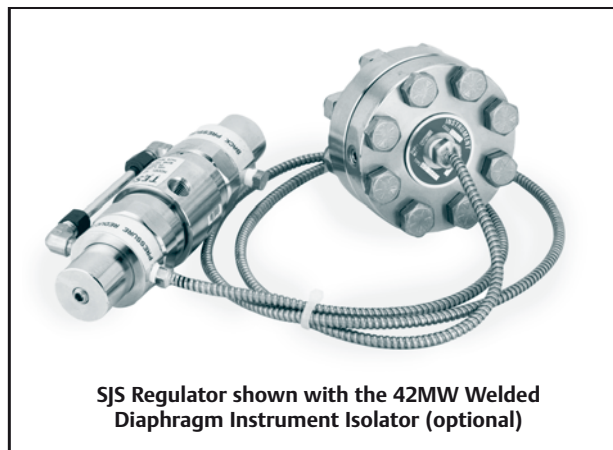
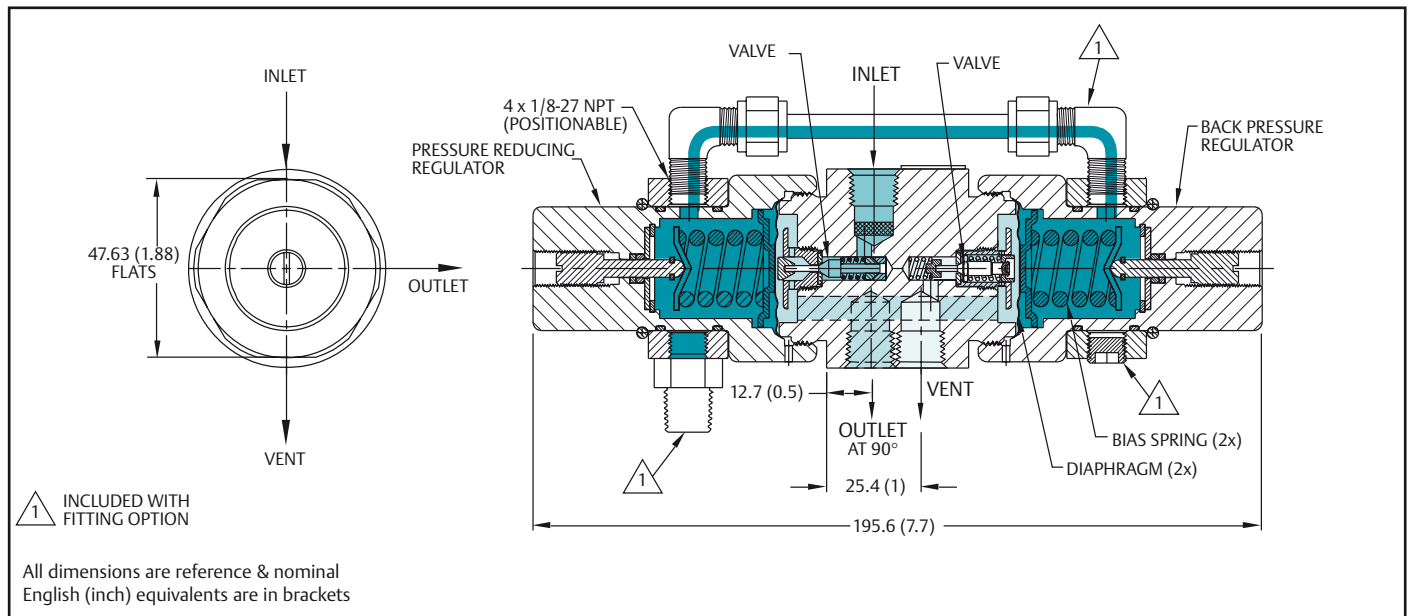
### Typical Application



Double Seal System

Teflon®, Viton-A®, Kalrez® and Vespel® are registered trademarks of Du Pont.  
Elgiloy® is a registered trademark of Elgiloy Corp.

# SJS Series Tracking / Pump Applications




## Advantages

- Maintains accurate differential pressure when incorporated into a double seal system
- SJS Regulator tracks upsets in system pressure and decreases downtime by increasing seal life
- N.A.C.E. compatible version available: Modification number -01
- Available with optional Welded Diaphragm Instrument Isolator

## Part Number Selector

Example Part Number:

SJ	S	6	5	V	E	A	O	E	FFF
BASIC SERIES	TYPE	BODY MATERIAL	OUTLET PRESSURE	O-RING MATERIAL	DIAPHRAGM MATERIAL	SEAT MATERIAL	FITTINGS OPTION	PORTING	INLET, VENT & OUTLET PORT TYPE
SJ	S - Screwdriver Adjustment	6 - 316 SST	5 - 35 bar (500 PSIG) Max. (Bias + Ref. Pressure)	E - E.P. K - Kalrez® V - Viton-A®	E - Elgiloy®	A - Pressure Reducing: Teflon® Back Pressure: Vespel® B - Pressure Reducing: Teflon® Back Pressure: Teflon®	O - No fittings F - Fittings	E - 90° Vent 	FFF - 1/4" NPT

For more information to **Repair Kits, Accessories & Modifications** please contact factory.



**TESCOM EUROPE GMBH & CO. KG**

An der Trave 23-25 • D-23923 Selmsdorf • Germany  
Tel: +49 (0) 3 88 23 / 31-0 • Fax: +49 (0) 3 88 23 / 31-199  
info@tescom-europe.com • www.tescom-europe.com

TESCOM EUROPE is a business unit of the Regulator Division. Trademarks are property of divisions of Emerson Process Management.  
10104-04-05 Subject to technical changes

