

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

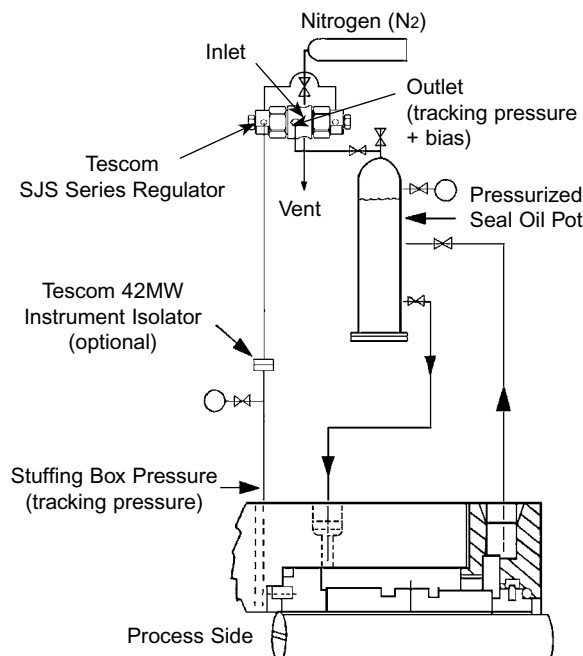
- Body:316 Stainless Steel
 - Seats:
Pressure Reducing: Teflon®
 - Back Pressure:..... Vespel®
 - Friction Sleeve (inner): Teflon®
 - Friction Sleeve (outer):316 Stainless Steel
 - Diaphragms:Elgiloy®
 - Remaining parts:316 Stainless Steel
- For other materials and modifications, please consult factory.*

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

Weight: 0.9 kg



Typical Application

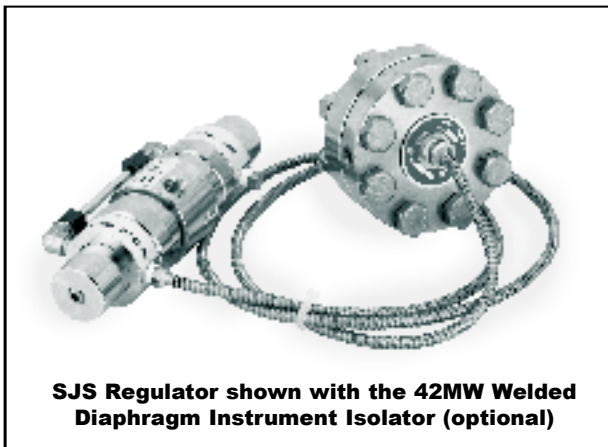
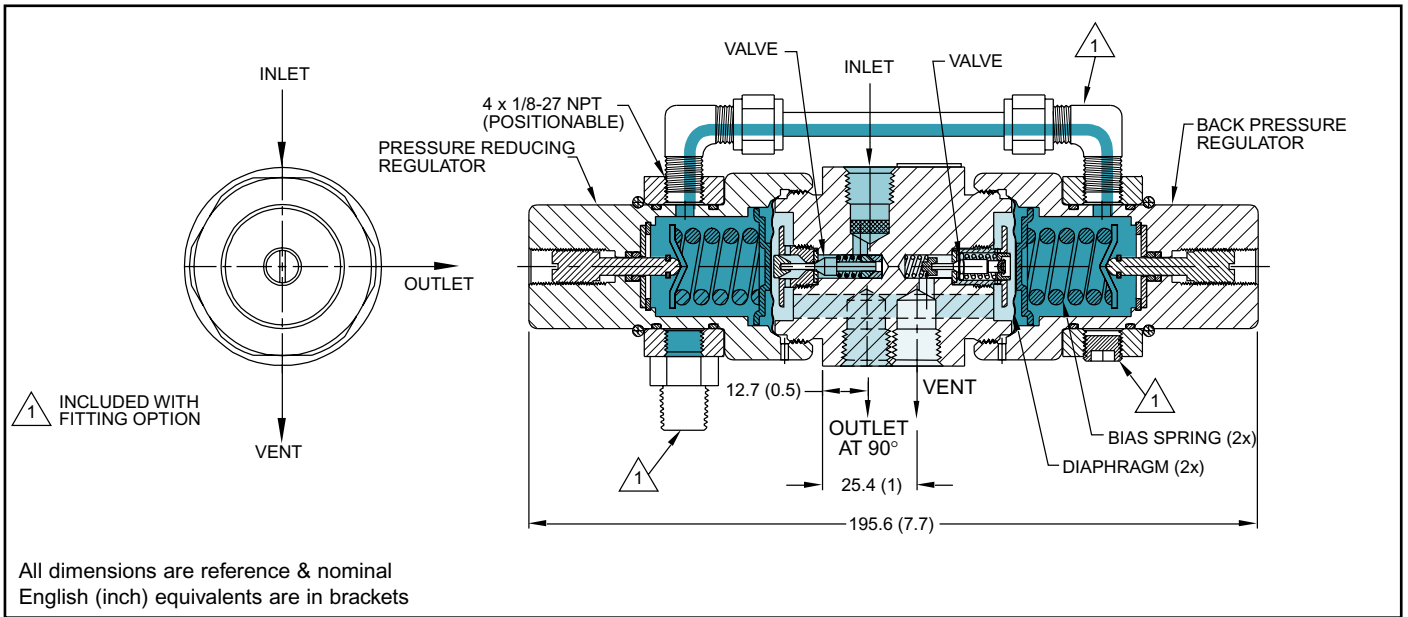


Double Seal System

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



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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.



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