

Tracking/Pump Applications

maximum 500 PSIG in / 500 PSIG out
positive bias 0 - 100 PSIG

SJS Series

Specifications

Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3
maximum rated inlet 500 PSIG
maximum rated reference 400 PSIG
outlet pressure - bias & ref. (max.) 500 PSIG
bias pressure range 0 - 100 PSIG
design outlet proof pressure 150% of
maximum rated pressure
operating temperature -40° F to +165° F
(-40° C to +75° C)
internal leakage internal: bubble-tight
external: design to meet $< 2 \times 10^{-8}$ atm cc/sec He
flow capacity $C_V = .12$

Media Contact Materials

body 316 Stainless Steel
seats pressure reducing: Teflon®
back pressure: Vespel®
friction sleeve (inner) PTFE
friction sleeve (outer) 316 Stainless Steel
diaphragms PTFE
remaining parts 316 Stainless Steel

For other materials and modifications, please consult TESCOM.

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

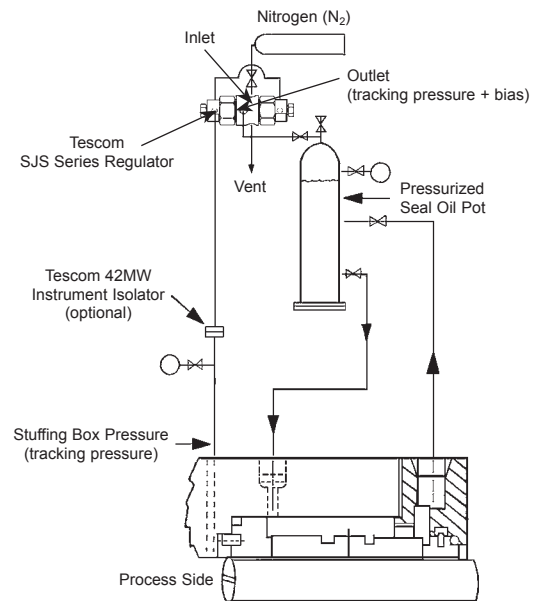
Weight (without gauges) 2 lbs. (.9 kg)

Pressure Conversion 14.5 PSIG = 1 bar 145 PSIG = 1 MPa

*Teflon®, Viton-A®, Kalrez® and Vespel® are registered trademarks of DuPont.
Elgiloy® is a registered trademark of Elgiloy Specialty Metals.*

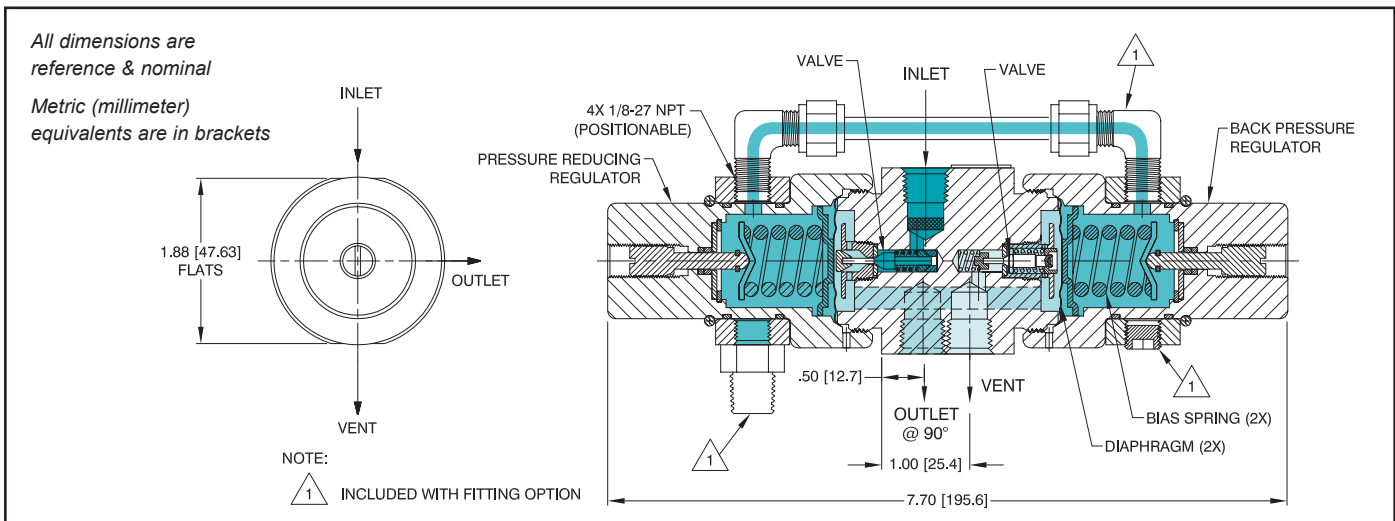


Typical Application

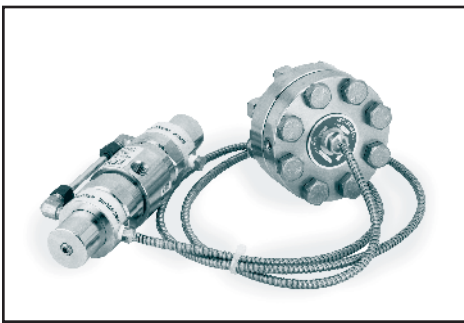


DOUBLE SEAL SYSTEM

SJS Series Tracking/Pump Applications



SJS Regulator



SJS Regulator shown with the 42 MW Welded Diaphragm Instrument Isolator (optional)

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 – 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

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



WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the **TESCOM Safety, Installation & Operation Precautions.**

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For information contact:

TESCOM

TESCOM Industrial Controls

Tel: 800-447-1250 • 763-241-3238

Fax: 763-241-3224 • email: ic@tescom.com

12616 Industrial Boulevard • Elk River, MN 55330 USA

www.TESCOM.com

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