Specifications

For other materials or modifications, please consult TESCOM.

OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

Maximum Inlet Pressure

15,000 psig / 1034 bar

Maximum Outlet Pressure

200-15,000 psig / 13.8-1034 bar

(non-adjustable spring bias pressure: 175-200 psig / 12-13.8 bar)

Design Proof Pressure

150% maximum rated

Leakage

Bubble-tight

Operating Temperature

-15°F to 165°F / -26°C to 74°C

Flow Capacity

 $C_V = 0.06$

 $C_V = 0.12$

MEDIA CONTACT MATERIALS

17-4 PH Stainless Steel

Seat, Main Valve

Polyimide (Vespel® SP21)

O-Ring

Nitrile, Buna-N

Back-up Ring

PCTFE

Remaining Parts

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

OTHER

Cleaning

CGA 4.1 and ASTM G93

Weight (approximate)

13 lbs / 5.9 kg

Vespel® is a registered trademark of E.I. du Pont de Nemours and Company.

Features and Benefits

- Accurate and consistent setpoint control reduces the risk of flow assurance issues from over and under injection
- High-quality piston-sensed regulators for longevity in offshore applications reduce maintenance costs and unplanned downtime
- Alternative options for full automation of injection rate control with the addition of the ER5000

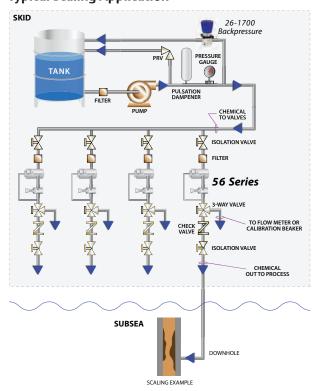


TESCOM 56-2000 Series provides accurate pressure control that allows customers to have consistent injection rates over the life of the well.

Applications

• Offshore Chemical Injection

Typical Scaling Application

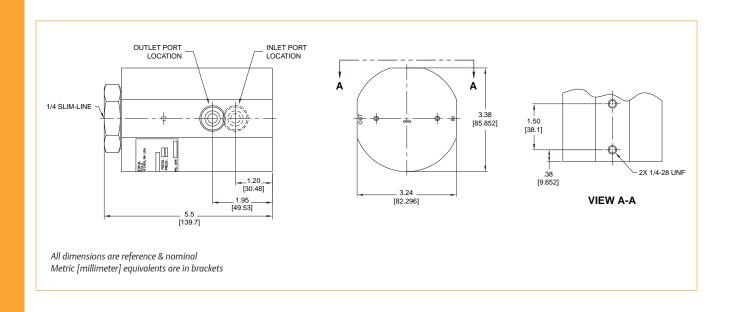




^{*} The 56-2000 requires a metering valve installed downstream to adjust the chemical injection rate (see diagram).

56-2000 SERIES

56-2000 Series Regulator Drawing



56-2000 Series Regulator Part Number Selector

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

Example for selecting a part number:						Dome Load					
56-20	8	8 0 D				6	9	D 2		7	0
BASIC SERIES	MAXIMUM INLET PRESSURE ¹ (BODY MATERIAL)	MAXIMUM OUTLET PRESSURE SPRING BIAS PRESSURE	SOFT GOODS MATERIAL						AAAINI MAIME		
			DYNAMIC ROTO-SEALS	STATIC O-RINGS	BACK-UP RINGS	INLET AND OUTLET PORT TYPE	OUTLET PORT SIZE	CAPACITY	MAIN VALVE AND VENT SEAT	GAUGE PORT OPTIONS	
56-20	8 – 15,000 psig 1034 bar (17-4 SST) N – 15,000 psig 1034 bar (Nitronic 60)	0 – 200-15,000 psig 13.8-1034 bar 175-200 psig 12-13.8 bar	D – Nitrile, Buna-N	Nitrile, Buna-N	PCTFE	6 – Medium Pressure	9 – 9/16"	١ '	_V = 0.06 _V = 0.12	7 – Vespel® SP1	0 – No gauge ports
		1. Pressure at which regulator is used must be compatible with the pressure rating of the regulator and port size/type provided.									