

# P627SX High Pressure Slam Shut Valve

- Repeatable Accuracy at ~1 PSIG
- Manual Reset
- Tamper-Resistant Design

The P627SX is a safety device that will shut off in an overpressure condition. This overpressure protection device can be used as a standalone unit or in conjunction with another regulator. Complimentary to a pressure reducing regulator which controls pressure/flow at a pressure condition, the P627SX will shut off the flow at a preset pressure condition and remain closed until manually reset.

## Applications

- Over Pressure Protection
- Farm Tap
- Small Gate Stations
- Fuel Gas



## P627SX Part Matrix

P627SX					0	
	▲	▲	▲	▲	▲	Port Size
06						3/4"
08						1"
16						2"
						Spring Range PSIG
020						5-20
040						15-40
080						35-80
150						70-150
						Connection
				0		NPT
				A		150 #RF
				B		300 #RF
				C		600 #RF
				D		Socket Weld
				E		900 #RTJ
						Seat
				0		Nitrile
				2		Fluorocarbon
					0	
					1	Case/Body
					1	Steel/Steel

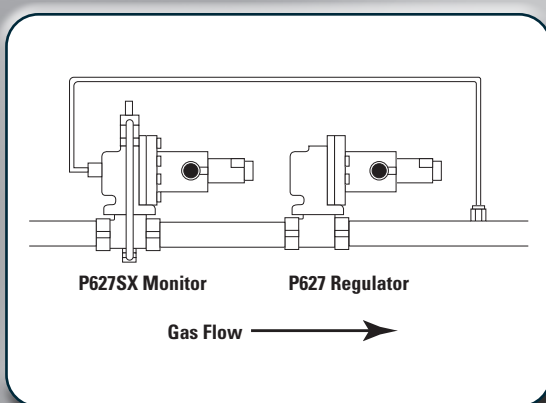
## Materials of Construction

Body, Bonnet, Housing
Steel
Diaphragm
Nitrile or Fluorocarbon
Seat
Nitrile
Fluorocarbon
Orifice
Stainless Steel

## Specifications

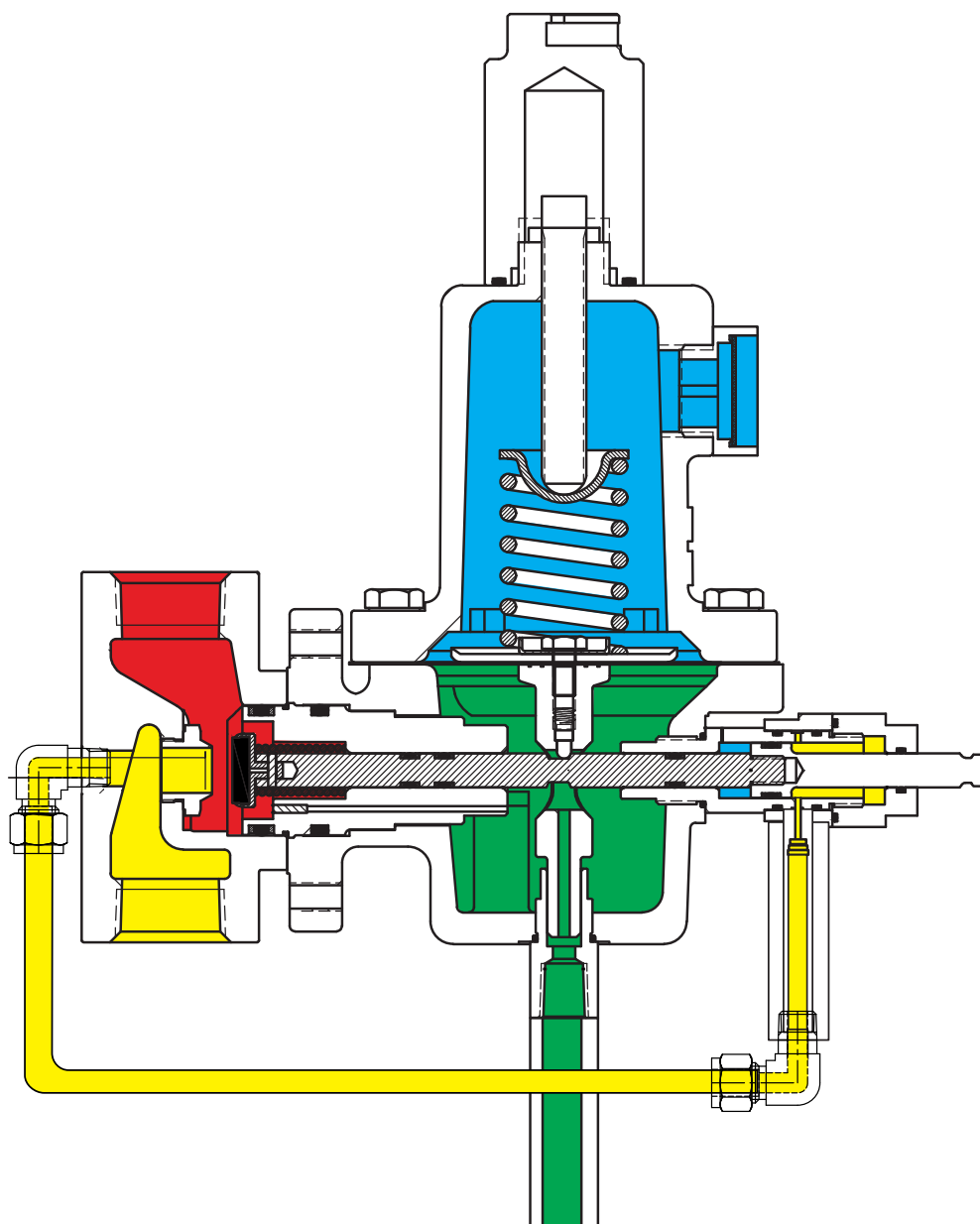
Maximum Inlet Pressure	
Nitrile Seat	1000 PSIG
Fluorocarbon Seat	300 PSIG
Orifice	
1/2"	
Body	
3/4"	
1"	
2"	
Trip Range	
5-20 PSIG	
15-40 PSIG	
35-80 PSIG	
70-150 PSIG	
Temperature Range	
-20° to 200°F (Nitrile)	
0° to 350°F (Fluorocarbon)	

## P627SX Installation Example



Orifice	3/4" Body			1" Body			2" Body		
	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>	C <sub>g</sub>	C <sub>v</sub>	C <sub>i</sub>
1/2"	190	4.87	39	190	5.29	35.9	200	5.01	39.9

## P627SX Color Map



- Inlet Pressure
- Outlet Pressure
- Atmospheric Pressure
- Sensing Pressure

# BelGAS

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## BelGAS Website

With decades of proven market experience, the BelGAS division of Marsh Bellofram is a global leader in the design and manufacturing of high pressure regulators, low pressure regulators, and other flow control products. Scan the QR or visit our website at <https://bit.ly/BelGAS>



## BelGAS Regulator Sizing Wizard

Need help finding the right regulator for your application? Check out the BelGAS Regulator Sizing Wizard - an interactive online tool that makes it easier than ever to precisely match a regulator with your specifications. Scan the QR code or visit our website at <https://bit.ly/BelGAS-Wizard>



## BelGAS Videos

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