

BelGAS<sup>TM</sup>  
A DIVISION OF MARSH BELLOFRAM

# P119

## Control Valve

### Features

- On-Off or Throttling Control
- Tight Shut-off
- Easy Installation
- Leak Detection
- Low Seat Leakage
- Gas or Liquid Service
- Inline Maintenance
- NACE Capability

The Type P119 Control Valve is versatile and can be used for on-off or throttling service. Spring ranges from 3-15 psi to 30-60. The valve can be used in corrosive or noncorrosive gases or liquids, limited by available compatible materials. Maintenance on the valve can be accomplished without removing the valve body from the line (pressure must be removed and the valve isolated before attempting.) A vent is provided in the valve actuator to detect leakage of actuator stem seals. Our composition disc assembly and seat offer positive shutoff at maximum body working pressure. NACE construction materials are standard for the steel body valve only, and comply with the National Association of Corrosion Engineers MR-01-75.



### Specifications:

Body Size & Type	Body Material*	Spring Range	Orifice Size	Seat Material
3/4 NPT	Iron and Steel	3-15 psi 5-20 psi 5-35 psi 30-60 psi	1/8"	Nitrile or Fluorocarbon
1 NPT	Iron and Steel		3/16"	
			1/4"	
1-1/4 NPT	Iron Only	5/16"		
		3/8"		
		1/2"		
			9/16"	

\* Units with Steel Body selection will automatically be provided with internal parts conforming to NACE MR 0175. Orifice and Seat Housing will be made of 316SST.



# P630 LP



## High Flow Gas Regulator

### Features

- Set points down to 3 PSIG
- Steel units comply with NACE
- Powder Coat Exterior

### Applications

- Farm Tap
- Gas Gathering
- Storage



### P630 PART MATRIX

	P	6	3	0						0				
<b>BODY SIZE</b>														
1"														
2"														
<b>SPRING RANGE</b>														
	PSIG		BAR											
Low Pressure Spring Ranges	3-10		0.2-0.7											010
	8-20		0.6-1.4											020
	17-30		1.2-2.1											030
	27-40		1.9-2.8											040
High Pressure Spring Ranges	27-50		1.9-3.5											050
	46-95		3.2-6.6											095
	90-150		6.2-1.3											150
	150-200		10.3-13.8											200
	200-275		13.8-18.9											275
275-500		18.9-34.5											500	
Standard NPT Units														0
Flanged Connections (Steel Bodies Only)														
150 #RF *														A
300 #RF *														B
600 #RF *														C
<b>ORIFICE</b>														
1/8"														2
1/16"														3
1/4"														4
3/8"														6
1/2"														8
<b>SEAT MATERIAL</b>														
Nylon														1
CTFE														2
<b>DIAPHRAGM</b>														
Fluorocarbon														2 → (Add \$100.00 to List Price)
Neoprene														3
<b>CASING MATERIAL</b>														
Ductile Iron														0
Steel (standard NACE)														1

# P289 2"



## Backpressure Regulator

### Features

- Throttling Type Relief
- Compact
- Tight Shutoff
- High Flow Rates
- Reliability Due to Simplicity

The Type P289 Backpressure Regulator functions as a high flow relief valve with an adjustable set point. The P289 can be used in place of a standard relief valve to provide protection against over pressurization in the downstream system. The design of a large diaphragm area and a pitot tube booster allow the valve to respond quickly and relieve the excessive pressure smoothly, especially in low-pressure settings.

### Applications

- Fuel Gas Relief
- Gas Gathering Relief



### Specifications

<b>Port Size</b>	2" NPT
<b>Maximum Relief Inlet Pressure</b>	25 PSIG, 1.7 BAR
<b>Relief Set Pressure Ranges</b>	7-18" W.C., 0.017-0.045 BAR
	0.5-2.25 PSIG, 0.035-0.16 BAR
	1.75-7 PSIG, 0.12-0.5 BAR
<b>Temperature Range</b>	-20-150°F with Nitrile and Neoprene Elastomers
	0-300°F with Fluoroelastomer
<b>Approximate Weight</b>	15 lbs.
<b>Materials Of Construction</b>	
<b>Body, Bonnet</b>	Cast iron body with aluminum bonnet
<b>Diaphragm</b>	Nitrile or fluoroelastomer
<b>Gaskets</b>	Neoprene/Composite
<b>O-Rings</b>	Nitrile or fluoroelastomer
<b>Seat Washer</b>	Stainless Steel
<b>Pitot Tube</b>	Brass or Stainless Steel
<b>Main Seat</b>	Brass or Stainless Steel
<b>Spring</b>	Zinc plated steel
<b>Diaphragm Piston</b>	Zinc-plated steel
<b>Closing Cap</b>	Zinc

### P289 PART MATRIX - 2"

P	2	8	9	1	6				0	0				
<b>BODY SIZE</b>														
2"	16													
<b>SPRING RANGE</b>														
W.C. or PSIG	BAR													
7-18" W.C.	0.017-0.045		001											
0.5-2.25 psig	0.035-0.16		002											
1.75-7 psig	0.12-0.48		007											
4-10 psig	0.28-0.7		010											
<b>MAIN SEAT MATERIAL</b>														
Brass	0													
Stainless Steel	1													
<b>O-RING MATERIAL</b>														
Nitrile	0													
Fluoroelastomer	1													
<b>DIAPHRAGM MATERIAL</b>														
Nitrile	0													
Fluoroelastomer	1													
<b>PITOT TUBE MATERIAL</b>														
Brass	0													
Stainless Steel	1													