

P39 Standard Gas Regulators

- Spare valve disks provided. Each unit comes with a 4 seat valve disk block. This block can be easily rotated 90° to provide a fresh valve disk sealing surface.
- Easily changed from tamper-resistant to T-handle adjustment or vice versa.
- Both adjustment assemblies are supplied with every unit.
- Brass casing material

The BelGAS P39 regulator selection is the largest of its type in the industry. We offer this regulator in three different materials, one of which will ideally suit your application AND your budget. ALL of the P39's are offered with six different spring ranges. Our broad selection of outlet pressure spring ranges allows more precise regulation of downstream pressure, hence, better process control. Piping designs can be simplified by using any one (or all) of the 3 outlet ports that come standard on the regulator. The BelGAS P39 is the ONLY regulator of this type, which has 3 outlet ports. To enhance the versatility of this regulator further, we provide you with a choice of seat materials that allows the designer to custom fit the seat material with the application.

Applications

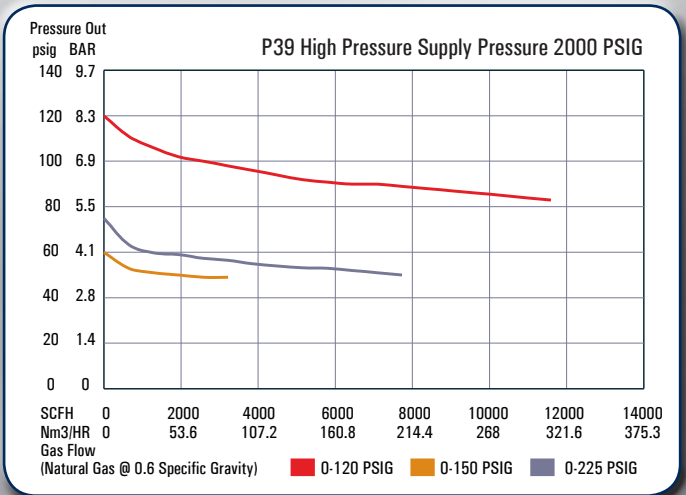
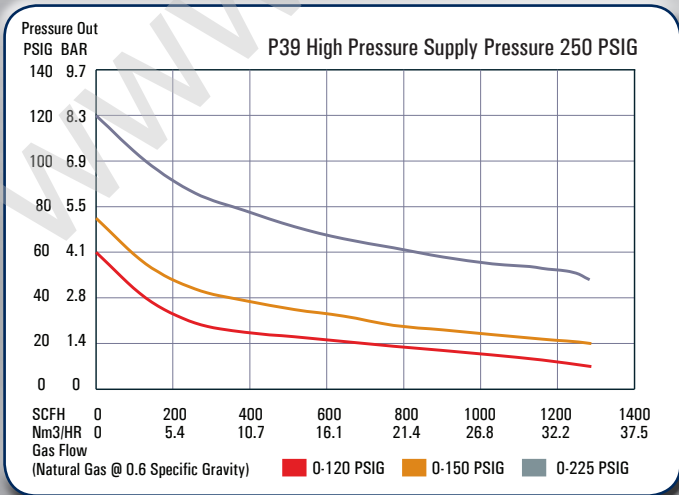
- First cut of high-pressure natural gas to control valve supply
- Natural gas instrumentation columns
- First cuts to any downstream, low flow application, such as catalytic heaters, valve actuators, pressure controllers and chemical injection pumps



Specifications

Inlet	1/4 NPT	
Outlet	1/4 NPT (3 Ports)	
Vent	4 holes (5/32" each) (STD)	
	1/4 NPT (Tapped Vent Option)	
Max Inlet	6000 PSIG, 414 BAR	
Orifice Size	5/64"	
	Cv = 0.10	
Outlet Ranges		
	0 – 30 PSIG	2.1 BAR
	0 – 60 PSIG	4.1 BAR
	0 – 120 PSIG	8.3 BAR
	0 – 150 PSIG	10.3 BAR
	0 – 225 PSIG	15.5 BAR
Temp. Range	-40°F to 225°F	-46°C to 106°C
Weight Approximate		
Standard	3-1/4 lbs	1.46 kg

Flow Charts



P39 Standard Part Matrix

Materials of Construction

Brass Unit	
Body, Bonnet, Bottom Plug	Brass
Tamper Resistant Cover	Brass
Diaphragm	302 Stainless
Seals	TFE, Nitrile
Valve Spring	17-7 ^{PH} Stainless Steel
Range Spring	Spring Steel, Chrome Silicon
Seat Material	Nylon or TFE

P03902	0	X	0	0	0	0	0
↑	↑	↑	↑	↑	↑	↑	Spring Range
030							0-30 PSIG 0-2.1 BAR
060							0-60 PSIG 0-4.1 BAR
120							0-120 PSIG 0-8.3 BAR
150							0-150 PSIG 0-10.3 BAR
225							0-225 PSIG 0-15.5 BAR
	0						Version
							Standard
		X					Adjustment Method
							T-Bar and Adjustment Screw (Allen Head) with Tamper Resistant Cover
							Vent
				0			Standard Untapped Bonnet Vent
					1		Seat Material
					3		Nylon
							Teflon
							Port Configuration
						0	Standard
							Casing Material
						0	Brass

P39 Standard Dimensions

Dimensions Table		A	B	C	D
P39 w/T-Handle 0-30, 0-60, 0-120, 0-150, 0-225 PSIG range	mm	156	58	85	64
	inches	6.14	2.3	3.33	2.50
P39 w/Allen Head 0-30, 0-60, 0-120, 0-150, 0-225 PSIG range	mm	150	58	85	19
	inches	5.90	2.30	3.33	0.75

Ports

