# GO REGULATOR, INC.

# **BP-66 Series**

High Pressure Back Pressure Regulators (10,000 psig)

### **Introduction**

The BP-66 Series is the counterpart of the PR-57 pressure reducing series for systems that are higher in pressure and low to moderate flows. This regulator has piston sensing to provide relief at high pressures. The Polyimide/stainless seat assembly provides good shutoff in most applications. For economy purposes the cap assembly and knob are of aluminum construction as in the PR-57 companion unit. Good sensitivity and a selection of control ranges make this regulator an excellent selection in many research and pilot plant facilities.



# pressure regu

### **Typical Applications**

- Pilot plants
- Research labs

### **Technical Data**

CONSTRUCTION	316L stainless steel (standard) Monel® and titanium (optional)		
ADJUSTABLE PRESSURE CONTROL RANGES	0-2000, 0-4000, 0-6000, 0-7500 and 0-10,000 psig		
OPERATING TEMPERATURE	-40° F to +350° F (-40° C to +177° C)		
C <sub>V</sub> COEFFICIENT	0.04 (standard) 0.01 and 0.12 (optional)		
INLET/OUTL ET CONNECTIO	1/4" FNPT (standard) AN 10050-4, SAE J514, MS 33649, or <sup>3</sup> / <sub>8</sub> " FNPT (optional)		

### Features & Benefits

- Spring-loaded piston sensor
- Gas and liquid service
- Viton® seals (other elastomers optional)

### **Options:**

- Panel mounting
- Monel® and titanium body construction
- Cv of 0.01 or 0.12
- AN 10050-4, SAE J514, MS 33649 or <sup>3</sup>/<sub>8</sub>" FNPT connections

## High Pressure Back Pressure Regulators (10,000 psig)

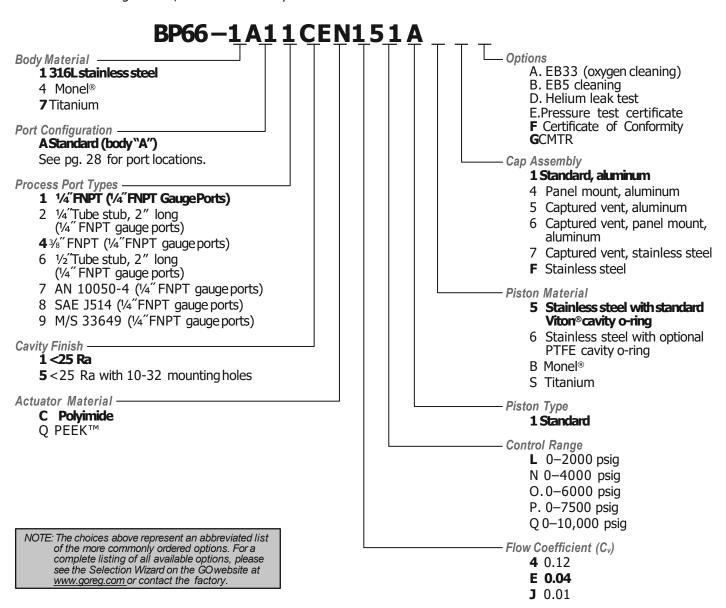
### **Maximum Temperature and Control Pressures**

SEAT MATERIAL	MAXIMUMTEMPERATURE	@	MAXIMUMCONTROL RANGE
Polyimide	350° F (177° C)	@	10,000 psig (68.8 MPa)
PEEK™	350° F (177° C)	@	10,000 psig (68.8 MPa)

ToOrder, contact: your local Distributor Link below: www.goreg.com/distributor/index.htm Verifythatyourchosen partrumberis validusing the GOW leards at www.goregcom/produds/matrix/indexhtm

### **How to Order**

For additional configurations, consult the factory. Standard items in bold.



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### **Outline and Mounting Dimensions**

# Outline and Mounting Dimensions Weight = 4.4 lbs (2.0 kg)

