

## 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 regulators

### 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, 0.12 and 0.005 (optional)
INLET/OUTLET CONNECTIONS	¼" FNPT (standard) ⅜" 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, 0.12 or 0.005
- ⅜" FNPT connections

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

## Maximum Temperature and Control Pressures

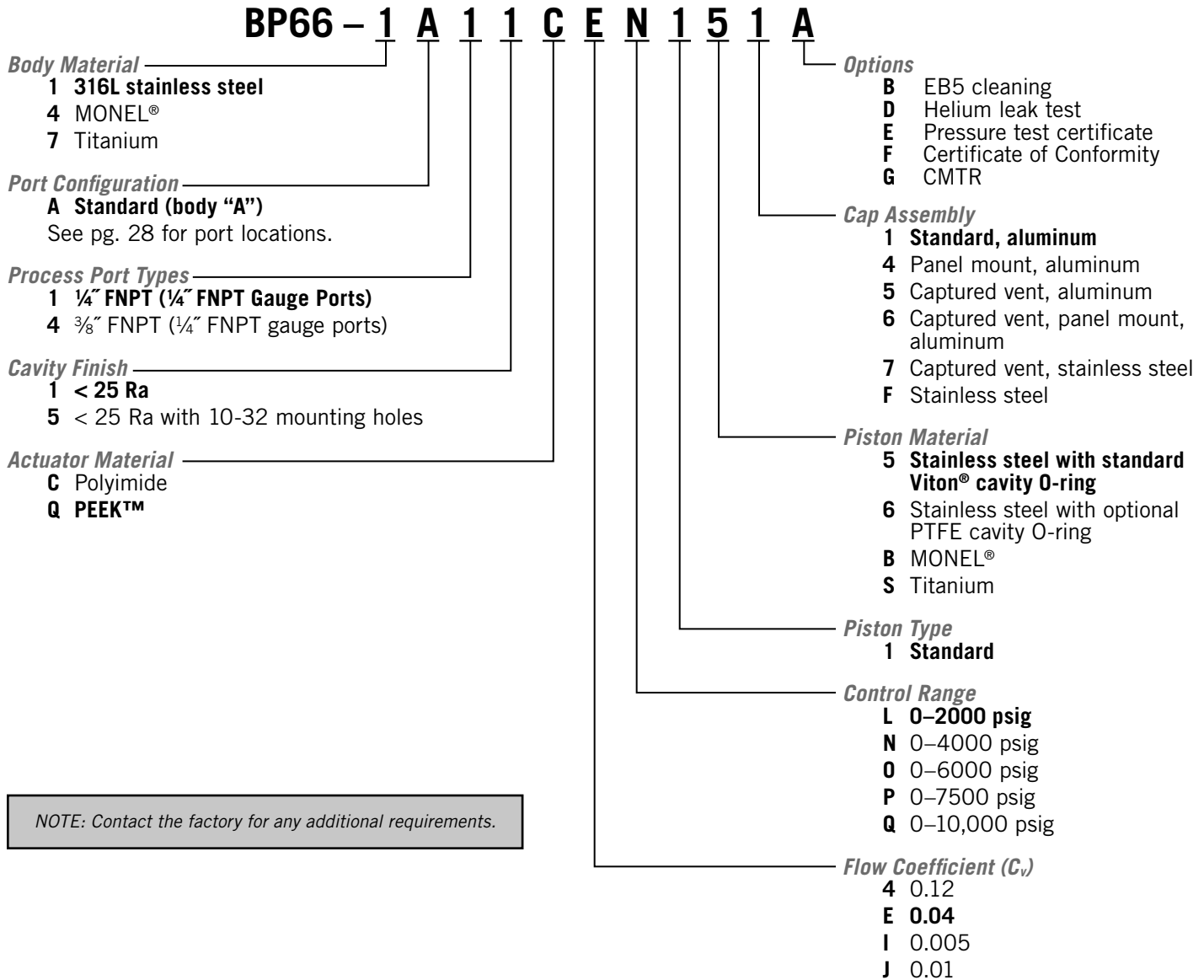
SEAT MATERIAL	MAXIMUM TEMPERATURE	@	MAXIMUM CONTROL RANGE
Polyimide	350° F (177° C)	@	10,000 psig (68.8 MPa)
PEEK™	350° F (177° C)	@	10,000 psig (68.8 MPa)

## How to Order

To Order, contact your local Distributor Link below:  
[www.goreg.com/distributor/index.htm](http://www.goreg.com/distributor/index.htm)

Verify that your chosen part number is valid using the GO Wizards at  
[www.goreg.com/products/matrix/index.htm](http://www.goreg.com/products/matrix/index.htm)

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



For flow curve charts, visit [www.goreg.com](http://www.goreg.com).