

## CBP-3 Series

Compact Stainless Steel Back Pressure Regulators

### Introduction

The CBP-3 Series is a compact back pressure regulator with some of the time proven features of the BP-3 Series and new features evolving the compact size. This regulator is designed to allow the construction of compact sophisticated analytical instrumentation where the optimum in back pressure control is required. Standard features allow service in many varied applications including corrosive fluids and with the optional features available, the user can tailor this regulator to virtually any application requiring small to moderate flow rates.



pressure regulators

### Typical Applications

- Analytical instrumentation
- Gas and liquid sampling
- Petrochemical industry
- Air compressors
- Research labs
- Pilot plants

### Technical Data

<b>CONSTRUCTION</b>	316L stainless steel
<b>ADJUSTABLE STANDARD PRESSURE RANGES</b>	0-10, 0-25, 0-50, 0-100, 0-250 & 0-500 psig
<b>OPERATING TEMPERATURE</b>	-40° F to +500° F (-40° C to +260° C)
<b>C<sub>v</sub> COEFFICIENT</b>	0.2 (standard) 0.005, 0.025, 0.03, 0.04, 0.06, 0.3 (optional)
<b>INLET &amp; OUTLET CONNECTIONS</b>	1/8" FNPT

### Features & Benefits

- Gas or liquid service
- Bubble tight shutoff
- Compact size
- Tefzel® or Kalrez® in flow stream

### Options

- Panel mount (requires a 1 3/8" mounting hole)
- Extra ports
- Pressure gauges

# Compact Stainless Steel Back Pressure Regulators

## Maximum Temperature and Control Pressures

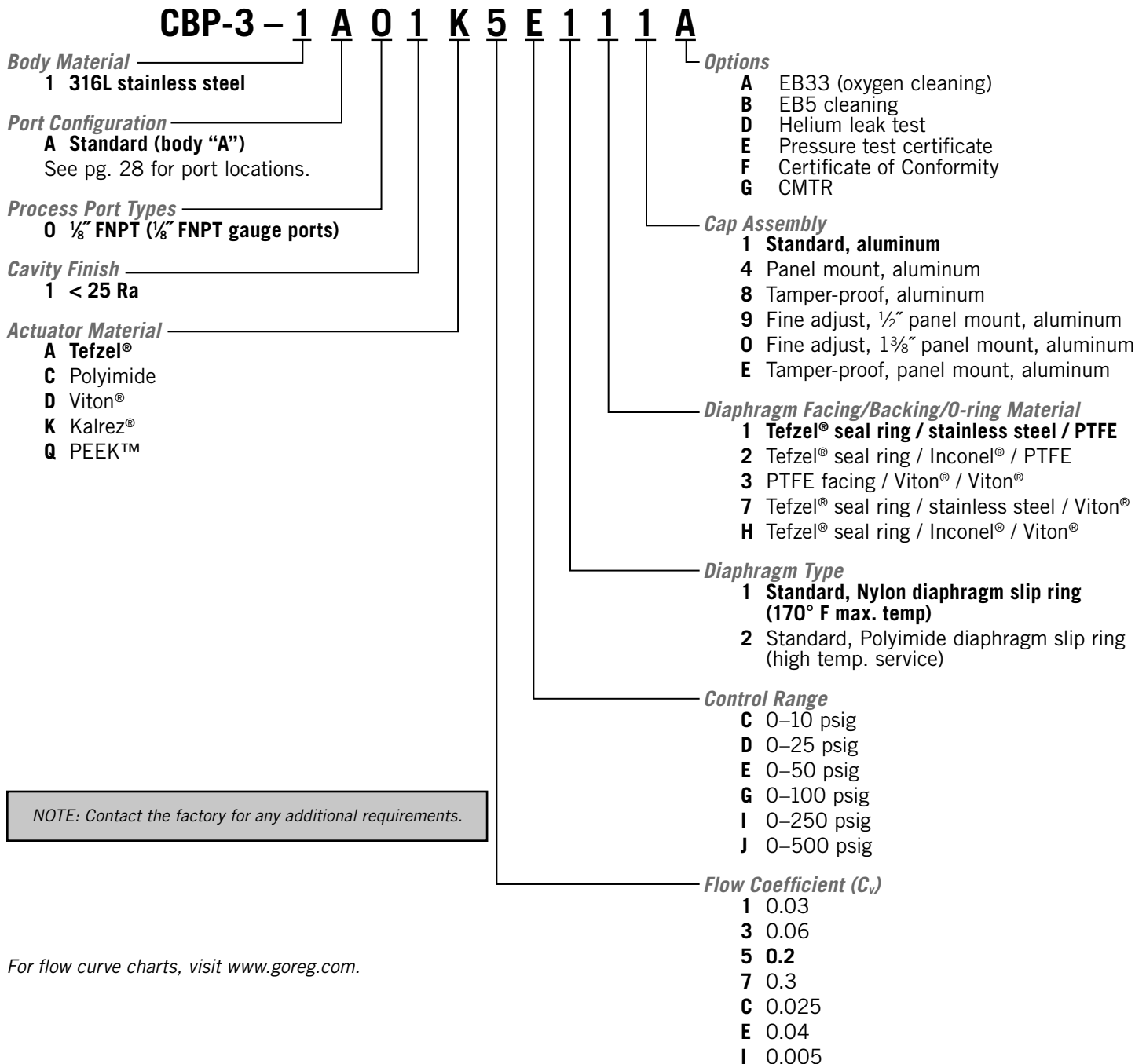
SEAT MATERIAL	MAXIMUM TEMPERATURE	@	MAXIMUM CONTROL RANGE
Viton®	250° F (121° C)	@	250 psig (1.72 MPa)
Kalrez®	300° F (148° C)	@	250 psig (1.72 MPa)
Tefzel®	175° F (80° C)	@	500 psig (3.44 MPa)
Polyimide	500° F (260° C)	@	500 psig (3.44 MPa)
PEEK™	500° F (260° C)	@	500 psig (3.44 MPa)

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)

## How to Order

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



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

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## Outline and Mounting Dimensions

