GO_{REGULATOR}, INC.

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.



Typical Applications

- Analytical instrumentation
- Gas and liquid sampling
- Petrochemical industry
- Air compressors
- Research labs
- <u>Pilot plants</u>

Technical Data

CONSTRUCTION	316L stainless steel
ADJUSTABLE STANDARD PRESSURE RANGES	0–10, 0–25, 0–50, 0–100, 0–250 & 0–500 psig
OPERATING TEMPERATURE	-40° F to +500° F (-40° C to +260° C)
C _V COEFFICIENT	0.2 (standard) 0.005, 0.01, 0.025, 0.03, 0.04, 0.05, 0.06, 0.095, 0.12, 0.24, 0.3 (optional)
INLET & OUTLET CONNECTIONS	ייא [™] FNPT

Features & Benefits

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

Options

- Panel mount (requires a 1³/₈" mounting hole)
- Extra ports
- Special welded connections
- Pressure gauges

Compact Stainless Steel Back Pressure Regulators

Maximum Temperature and Control Pressures

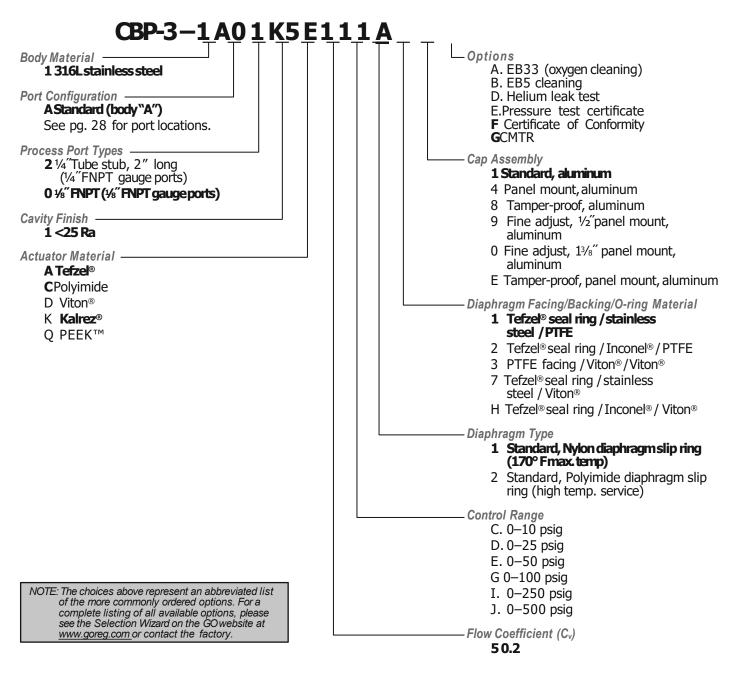
SEAT MATERIAL	MAXIMUMTEMPERATURE	@	MAXIMUMCONTROL RANGE
Viton®	250° F (121° C)	@	250 psig (1.72 MPa)
Kalrez®	300° F (148° C)	@	250 psig (1.72 MPa)
Tefzel®	175° F (80° C)	@	500 psig (3.44 MPa)
Polyimide	500° F (260° C)	@	500 psig (3.44 MPa)

ToOrder, contact your local Distributor Link below:	
www.goreg.com/distributor/index.htm	

Verilythatyourchosen partnumberis validusingtheGOWizardsat www.goegcom/pock.ds/matric/indexhtm

How to Order

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



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Outline and Mounting Dimensions

