

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 _v COEFFICIENT	0.04 (standard) 0.01 and 0.12 (optional)
INLET/OUTLET CONNECTIONS	¼" FNPT (standard) AN 10050-4, SAE J514, MS 33649, or 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
- C_v of 0.01 or 0.12
- AN 10050-4, SAE J514, MS 33649 or ⅜" FNPT connections

GO Regulator

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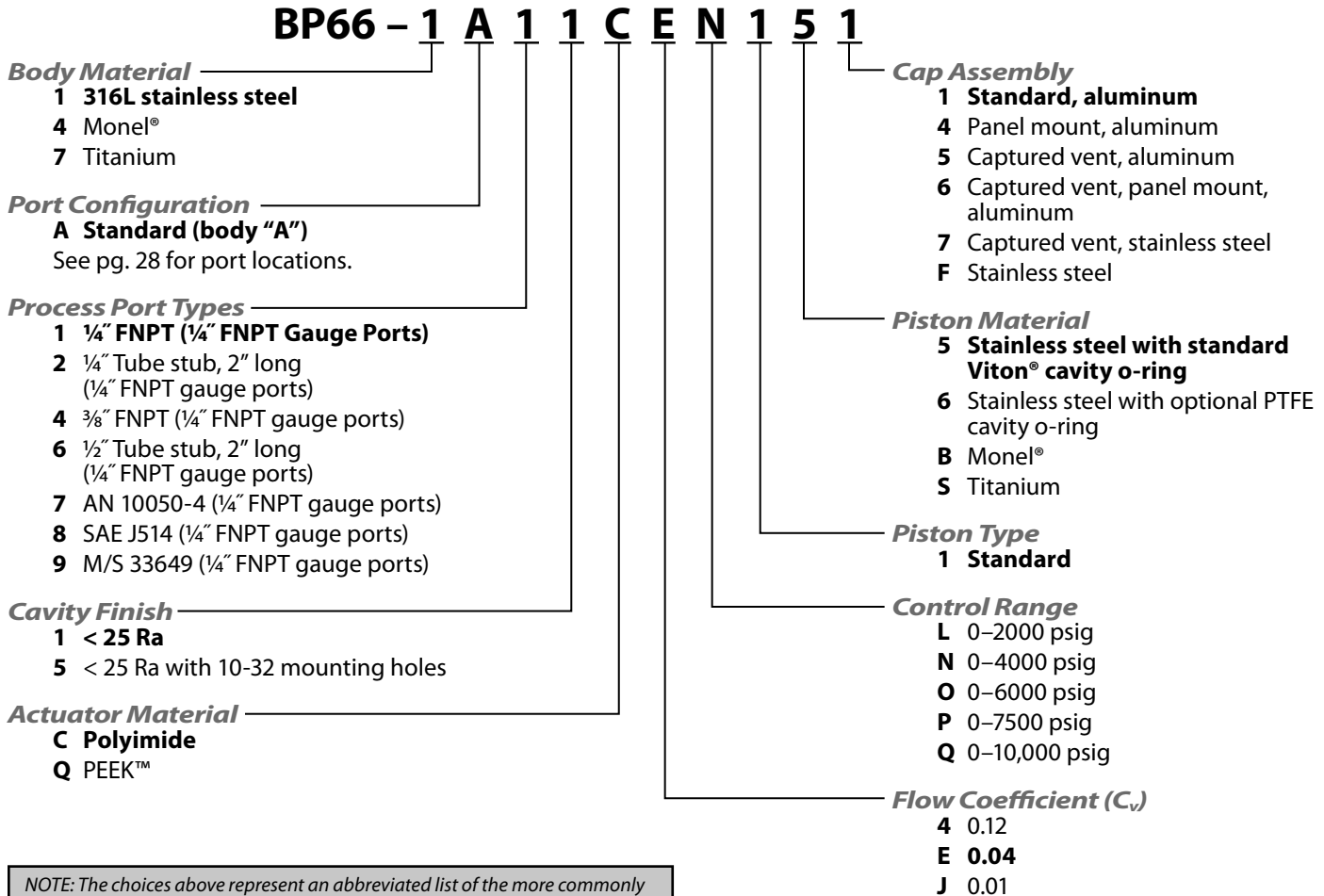
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Maximum Temperature and Control Pressures

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

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



For flow curve charts, visit <http://www.goreg.com>.

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Outline and Mounting Dimensions

