

# BACK PRESSURE REGULATOR

## BPR SERIES-20

BPR Series-20 designed for control and relief upstream line pressure to apply in instrumentation systems, analyzer system and pilot plant.

### Technical Data

For using gas and liquid

**Inlet pressure:** 568 Psig maximum (40 kg/cm<sup>2</sup>)

**Adjustable inlet relief pressure in ranges:** 14.2~142 psig (1~10 kg/cm<sup>2</sup>); 42.6~284 psig (3~20 kg/cm<sup>2</sup>)

**Operating temperature:** -40°C to 100°C

**Diaphragm material:** 316L stainless steel

**Body material:** 316L stainless steel

**Seat material:** Viton and FFKM available

**CV flow coefficients:** 2.0

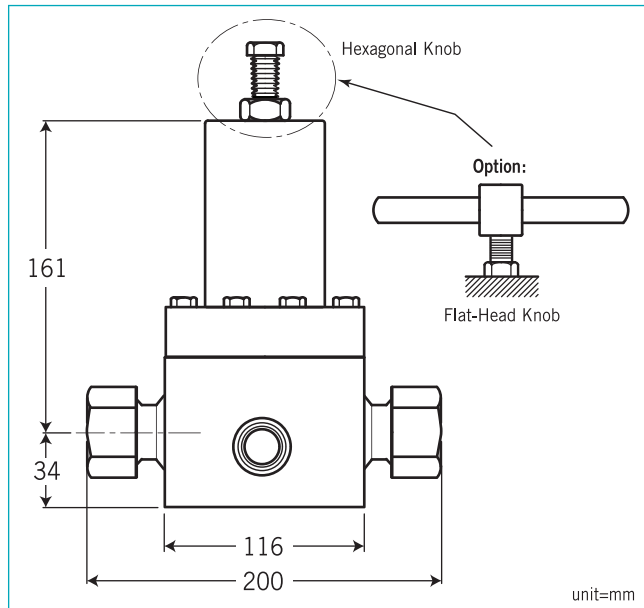
**Process connection:** ¾" or 1" NPT female; and other size on request

**Two gauge connection ports are:** ¼" NPT female

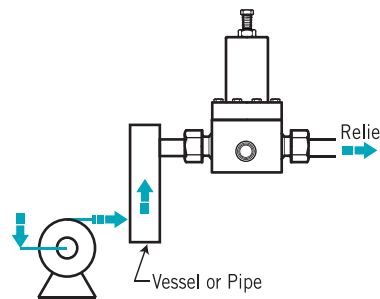
**Use no oil:** available



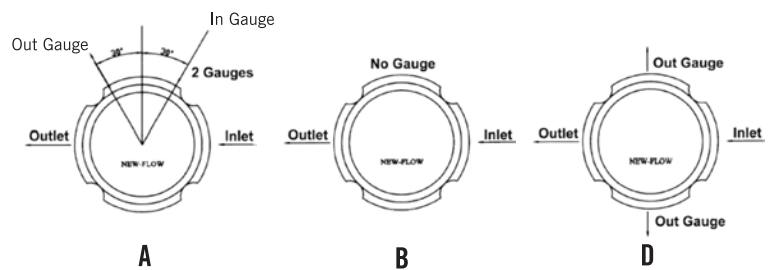
### Dimensions



### Installation Mode



### Standard Port Configuration



\*Flange type available, the minimum length of face to face is 250mm.

### Ordering Information

BPR	Code	Type						
	20	Back Pressure Regulator						
		<b>Code</b> <b>Body Material</b>						
	1	316L stainless steel						
		<b>Code</b> <b>Knob Material</b>						
	B	Metal (Flat-Head)						
	C	Metal (Hexagonal)						
		<b>Code</b> <b>Max. Inlet Pressure</b>						
	1	568 Psig (40 kg/cm <sup>2</sup> )						
		<b>Code</b> <b>Inlet Relief Pressure Range</b>						
	1	14.2~142 Psig (1~10 kg/cm <sup>2</sup> )						
	2	42.6~284 Psig (3~20 kg/cm <sup>2</sup> )						
		<b>Code</b> <b>Seat Material</b>						
	A	Viton						
	B	FFKM						
		<b>Code</b> <b>Port Configuration</b>						
	A	B	D					
		<b>Code</b> <b>Process Connection</b>						
	A	¾" NPT(F)	B	1" NPT(F)	C	Option	F	Flange Type*

(\*Please fill out the flange size and rating directly.)