



## CONFIGURATION

<b>L</b> Control	Standard Screw Adjustment
<b>A</b> Adjustment Range	100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting
<b>N</b> Seal Material	Buna-N
Material/Coating	

Pilot-operated, pressure reducing valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, allowing circuits with multiple pressure requirements to be operated using a single pump.

## TECHNICAL DATA

Maximum Operating Pressure	5000 psi
Control Pilot Flow	15 - 20 in <sup>3</sup> /min.
Factory Pressure Settings Established at	blocked control port (dead headed)
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-019-007
Seal kit - Cartridge	EPDM: 990-019-014
Seal kit - Cartridge	Polyurethane: 990-019-002
Seal kit - Cartridge	Viton: 990-019-006

**NOTES:** • Maximum pressure differentials for spring ranges: A and B are 3000 psi (210 bar) N and Q are 2000 psi (140 bar) W is 5000 psi (350 bar) inlet pressure

## CONFIGURATION OPTIONS

### Model Code Example: PBJBLAN

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING	((LH)
<b>L</b> Standard Screw Adjustment		<b>A</b> 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting		<b>N</b> Buna-N		<b>/LH</b> Mild Steel, Zinc-Nickel	
<b>C</b> Tamper Resistant - Factory Set		<b>B</b> 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting		<b>E</b> EPDM		<b>/AP</b> Stainless Steel, Passivated	
<b>K</b> Handknob		<b>J</b> 25 - 1500 psi (1,7 - 105 bar), 200 psi (14 bar) Standard Setting		<b>V</b> Viton		Standard Material/Coating	
<b>Q</b> Capped and Lockwired		<b>N</b> 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting					
<b>W</b> Hex Wrench Adjustment		<b>Q</b> 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting					
<b>Y</b> Tri-Grip Handknob		<b>W</b> 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting					