



CONFIGURATION

L Control	Standard Screw Adjustment
Q Adjustment Range	60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting
N 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	7 - 10 in ³ /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: 990-011-007
Seal kit - Cartridge	EPDM: 990-011-014
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

- 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
 - For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

Model Code Example: PBDBLQ^N

CONTROL (L)	ADJUSTMENT RANGE (Q)	SEAL MATERIAL (N)	MATERIAL/COATING (/LH)
L Standard Screw Adjustment	Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting	N Buna-N	/LH Mild Steel, Zinc-Nickel
	A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting	V Viton	JAP Stainless Steel, Passivated Standard Material/Coating
	B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting		
	C 150 - 6000 psi (10,5 - 420 bar), 200 psi (14 bar) Standard Setting		
	D 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting		
	N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting		
	W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting		