



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 NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Control Pilot Flow	15 - 20 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: 990-019-007
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
L Standard Screw Adjustment		A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting		N Buna-N		Standard Material/Coating
C Tamper Resistant - Factory Set		B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting		E EPDM		/AP Stainless Steel, Passivated
K Handknob		J 25 - 1500 psi (1,7 - 105 bar), 200 psi (14 bar) Standard Setting		V Viton		/LH Mild Steel, Zinc-Nickel
Q Capped and Lockwired		N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting				
W Hex Wrench Adjustment		Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting				
Y Tri-Grip Handknob		W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting				