



Direct-acting, pilot relief cartridges are used to remotely control the pressure setting of other pilot-operated valves. Because capacity is limited to pilot flow, these valves should be used with other higher flow valves.

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

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Response Time - Typical	2 ms
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: 990-010-007
Seal kit - Cartridge	EPDM: 990-010-014
Seal kit - Cartridge	Polyurethane: 990-010-002
Seal kit - Cartridge	Viton: 990-010-006

**NOTES:** • 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: **RBACLAN**

CONTROL (L)	ADJUSTMENT RANGE (A)	SEAL MATERIAL (N)	MATERIAL/COATING
<b>L</b> Standard Screw Adjustment	<b>A</b> 25 - 3000 psi (1,7 - 210 bar), 1000 psi (70 bar) Standard Setting	<b>N</b> Buna-N	Standard Material/Coating
		<b>E</b> EPDM	<b>/AP</b> Stainless Steel, Passivated
		<b>V</b> Viton	<b>/LH</b> Mild Steel, Zinc-Nickel