



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	350 bar
Response Time - Typical	2 ms
Maximum Valve Leakage at 110 SUS (24 cSt)	0,3 cc/min.
Adjustment - Number of Clockwise Turns to Increase Setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990203007
Seal kit - Cartridge	EPDM: 990203014
Seal kit - Cartridge	Polyurethane: 990003002
Seal kit - Cartridge	Viton: 990203006

**NOTES** For Series 2 cartridges configured with an O control (panel mount handknob), a 1.00 in. (25,4 mm) diameter hole is required in the panel.

**CONFIGURATION OPTIONS**

**Model Code Example: RBAALAN**

<b>CONTROL</b>	<b>(L) ADJUSTMENT RANGE</b>	<b>(A) SEAL MATERIAL</b>	<b>(N) MATERIAL/COATING</b>
<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>C</b> Tamper Resistant - Factory Set		<b>E</b> EPDM	/AP Stainless Steel, Passivated
<b>J</b> Capped Screw Adjustment	<b>B</b> 25 - 1500 psi (1,7 - 105 bar), 1000 psi (70 bar) Standard Setting	<b>V</b> Viton	
<b>K</b> Handknob	<b>C</b> 25 - 6000 psi (1,7 - 420 bar), 1000 psi (70 bar) Standard Setting		
<b>O</b> Handknob with Panel Mount	<b>D</b> 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting		
<b>Y</b> Tri-Grip Handknob	<b>E</b> 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
	<b>W</b> 25 - 4500 psi (1,7 - 315 bar), 1000 psi (70 bar) Standard Setting		