



Pilot-operated, balanced piston sequence valves will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3). These valves are insensitive to back pressure at port 2 (sequence), up to the valve setting. They may be used to regulate pressure in place of 2-port relief valves if there is pressure in the return line.

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

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|--|---------------------------|
| Maximum Operating Pressure | 5000 psi |
| Factory Pressure Settings Established at | 4 gpm |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 2 in ³ /min. |
| Response Time - Typical | 10 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: 990-163-007 |
| Seal kit - Cartridge | Polyurethane: 990-163-002 |
| Seal kit - Cartridge | Viton: 990-163-006 |

CONFIGURATION OPTIONS

Model Code Example: RSBCLAN

| CONTROL (L) | ADJUSTMENT RANGE (A) | SEAL MATERIAL (N) | MATERIAL/COATING |
|---|--|-------------------|--|
| L Standard Screw Adjustment | A 75 - 3000 psi (5 - 210 bar), 1000 psi (70 bar) Standard Setting | N Buna-N | Standard Material/Coating |
| C Tamper Resistant - Factory Set | B 75 - 1500 psi (5 - 105 bar), 1000 psi (70 bar) Standard Setting | E EPDM | JAP Stainless Steel, Passivated |
| K Handknob | C 75 - 6000 psi (5 - 420 bar), 1000 psi (70 bar) Standard Setting | V Viton | LH Mild Steel, Zinc-Nickel |
| | N 75 - 800 psi (5 - 55 bar), 400 psi (28 bar) Standard Setting | | |
| | Q 75 - 400 psi (5 - 28 bar), 200 psi (14 bar) Standard Setting | | |
| | W 75 - 4500 psi (5 - 315 bar), 1000 psi (70 bar) Standard Setting | | |