

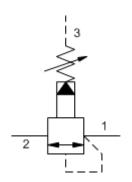
MODEL RSBC

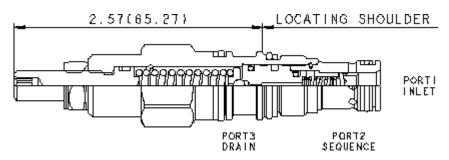
Pilot-operated, balanced piston sequence valve

CAPACITY: 7.5 gpm / CAVITY: T-163A



sunhydraulics.com/model/RSBC





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.

Maximum Operating Pressure	5000 psi	
Factory Pressure Settings Established at	4 gpm	
Maximum Valve Leakage at 110 SUS (24 cSt)	2 in³/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 CONTROL

Model Code Example: RSBCLAN (A)

ADJUSTMENT RANGE (L)

SEAL MATERIAL

MATERIAL/COATING

(N)

Standard Screw Adjustment

- Tamper Resistant Factory Set
- Κ Handknob

A	75 - 3000 psi (5 - 210 bar), 1000 psi
	(70 bar) Standard Setting

- 75 1500 psi (5 105 bar), 1000 psi (70 bar) Standard Setting
- 75 6000 psi (5 420 bar), 1000 psi (70 bar) Standard Setting
- 75 800 psi (5 55 bar), 400 psi (28 bar) Standard Setting
- 75 400 psi (5 28 bar), 200 psi (14 bar) Standard Setting
- 75 4500 psi (5 315 bar), 1000 psi (70 bar) Standard Setting

N	Buna-N
Ε	EPDM
٧	Viton

	Standard Material/Coating
/AP	Stainless Steel, Passivated
/LH	Mild Steel, Zinc-Nickel

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