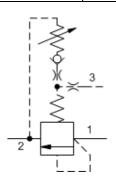
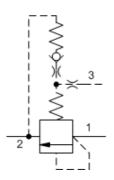
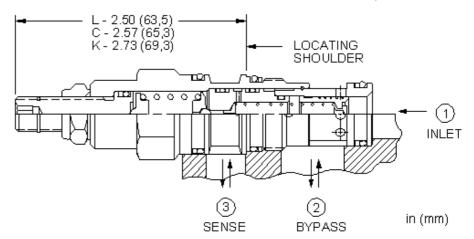


sunhydraulics.com/model/RVCB







Three-port normally closed modulating elements with relief provide two functions when combined with an external orifice. The mainstage is a bypass compensator that controls a priority flow into the circuit, determined by the external orifice. Input flow in excess of the priority flow is bypassed to tank (port 2). If the inlet (port 1) pressure rises to the valve setting, the valve operates as a normal relief valve.

## **TECHNICAL DATA**

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

Factory Pressure Settings Established at	15 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.@70 bar
Response Time - Typical	10 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

## **CONFIGURATION OPTIONS**

## Model Code Example: RVCBLAN

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL (N) MATERIAL/COATING

L Standard Screw Adjustment

C Tamper Resistant - Factory Set

K Handknob

**A** 100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting

**B** 50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting

**C** 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting

N Buna-N
V Viton

Standard Material/Coating /AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

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