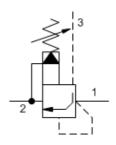


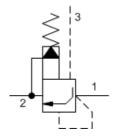


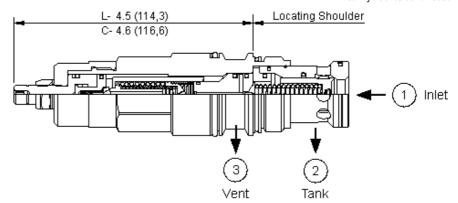
## Anti-Shock, ventable, pilot-operated, balanced poppet relief valve SERIES 3 / CAPACITY: 240 L/min. / CAVITY: T-17A



sunhydraulics.com/model/RVG







Ventable, pilot-operated, anti shock relief cartridges limit maximum system pressure and also limit the rate of pressure rise. The valve opens and then ramps closed at a constant speed, independent of settings and flows. These 3 port valves include a vent port (port 3) that connects between the main piston and the pilot stage to provide for remote control by other pilot or 2-way valves. The adjust screw determines the maximum (relief) setting and the minimum (threshold) setting.

## **TECHNICAL DATA**

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

| Factory Pressure Settings Established at               | 15 L/min.               |
|--|-------------------------|
| Maximum Operating Pressure                             | 350 bar                 |
| Control Pilot Flow                                     | 0,25 - 0,33 L/min.      |
| Pressure Ramp Up Time                                  | 300 - 500 ms            |
| Response Time - Typical                                | 2 ms                    |
| Adjustment - No. of CW Turns from Min. to Max. setting | 4.5                     |
| Locknut Hex Size                                       | 15 mm                   |
| Locknut Torque   | 9 - 10 Nm               |
| U.S. Patent #  | 6,039,070               |
| Seal kit - Cartridge                                   | Buna: 990217007         |
| Seal kit - Cartridge                                   | Polyurethane: 990217002 |
| Seal kit - Cartridge                                   | Viton: 990217006        |

**NOTES** 

CONTROL

Patents are pending for this product.

## **CONFIGURATION OPTIONS**

## Model Code Example: RVGTLAN

(L) ADJUSTMENT RANGE

(A) SEAL MATERIAL N Buna-N

Viton

(N) MATERIAL/COATING

L Standard Screw Adjustment C Tamper Resistant - Factory Set **A** 500 - 3000 psi (35 - 210 bar), 1000 ps (70 bar) Standard Setting

**B** 500 - 1500 psi (35 - 105 bar), 1000 psi (70 bar) Standard Setting

C 1000 - 6000 psi (70 - 420 bar), 1000 psi (70 bar) Standard Setting

**W** 1000 - 4500 psi (70 - 315 bar), 1000 psi (70 bar) Standard Setting

Standard Material/Coating /AP Stainless Steel, Passivated

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