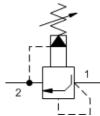
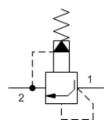
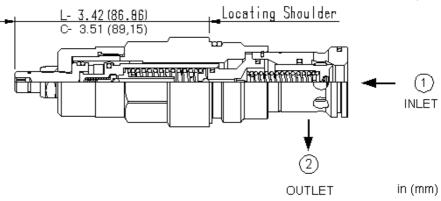


snhy.com/RPIT







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. 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                                     | 0,16 - 0,41 L/min. |
| Response Time - Typical                                | 2 ms               |
| Pressure Ramp Up Time                                  | 300 - 500 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: 990316007    |
| Seal kit - Cartridge                                   | Viton: 990316006   |

NOTES • Patents: US#6,039,070; Germany EP 1 001 197; Japan #3,119,230

• Patents: US#6,039,070; Germany EP 1 001 197; Japan #3,119,230

## **CONFIGURATION OPTIONS**

## Model Code Example: RPITLAN

| CONTROL                          | (L) | ADJUSTMENT RANGE   | <u>A)</u> | SEAL MATERIAL | (N) | MATERIAL/COATING                |
|----------------------------------|-----|--|-----------|---------------|-----|---------------------------------|
| L Standard Screw Adjustment      |     | A 2000 - 3000 psi (140 - 210 bar), 2000  |           | N Buna-N      |     | Standard Material/Coating       |
| C Tamper Resistant - Factory Set |     | <ul> <li>psi (140 bar) Standard Setting</li> <li>C 4500 - 6000 psi (315 - 420 bar), 4500 psi (315 bar) Standard Setting</li> <li>W 3000 - 4500 psi (210 - 315 bar), 3000 psi (210 bar) Standard Setting</li> </ul> |           | V Viton       |     | IAP Stainless Steel, Passivated |