



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 | 100 - 300 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: 990310007 |
| Seal kit - Cartridge | Viton: 990310006 |

CONFIGURATION OPTIONS

Model Code Example: **RPETLWN**

| CONTROL | (L) ADJUSTMENT RANGE | (W) SEAL MATERIAL | (N) MATERIAL/COATING |
|---|---|-------------------|---------------------------------|
| L Standard Screw Adjustment | W 3000 - 4500 psi (210 - 315 bar), 3000 psi (210 bar) Standard Setting | N Buna-N | Standard Material/Coating |
| C Tamper Resistant - Factory Set | A 2000 - 3000 psi (140 - 210 bar), 2000 psi (140 bar) Standard Setting | V Viton | /AP Stainless Steel, Passivated |
| | C 4500 - 6000 psi (315 - 420 bar), 4500 psi (315 bar) Standard Setting | | /LH Mild Steel, Zinc-Nickel |