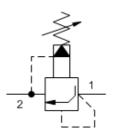
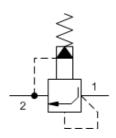
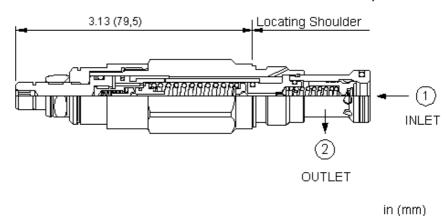
## Anti-Shock, pilot-operated, balanced poppet relief valve SERIES 1 / CAPACITY: 95 L/min. / CAVITY: T-10A



sunhydraulics.com/model/RPET







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.
Pressure Ramp Up Time	100 - 300 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: 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

C Tamper Resistant - Factory Set

W 3000 - 4500 psi (210 - 315 bar), 3000 psi (210 bar) Standard Setting

A 2000 - 3000 psi (140 - 210 bar), 2000 psi (140 bar) Standard Setting

C 4500 - 6000 psi (315 - 420 bar), 4500 psi (315 bar) Standard Setting

N Buna-N Viton

Standard Material/Coating /AP Stainless Steel, Passivated

/LH Mild Steel, Zinc-Nickel

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