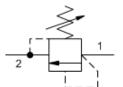
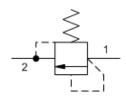
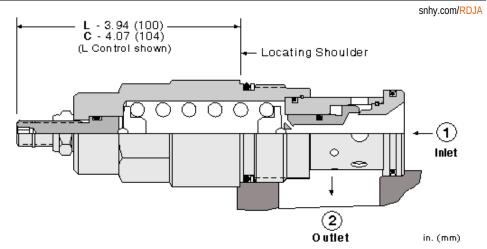
Direct-acting relief valve

SERIES 4 / CAPACITY: 760 L/min. / CAVITY: T-18A









Direct-acting relief cartridges are normally closed, pressure-limiting valves used to protect hydraulic components from pressure transients. When the pressure at the inlet (port 1) reaches the valve setting, the valve starts to open to tank (port 2), throttling flow to limit the pressure rise. These valves are smooth and guiet, essentially zero leak, dirt tolerant, immune to silting and are very fast.

TECHNICAL DATA

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

Factory Pressure Settings Established at	15 L/min.
Maximum Operating Pressure	350 bar
Response Time - Typical	2 ms
Maximum Valve Leakage at Reseat	0,7 cc/min.
Reseat	>90% of setting
Adjustment - Number of Clockwise Turns to Increase Setting	6
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990318007
Seal kit - Cartridge	EPDM: 990318014
Seal kit - Cartridge	Viton: 990318006

NOTES

U.S. Patent #4,742,846; European Patent Pending

CONFIGURATION OPTIONS

Model Code Example: RDJALAN

CONTROL	(L)	ADJUSTMENT RANGE

- L Standard Screw Adjustment C Tamper Resistant - Factory Set
- Q Capped and Lockwired

A 500 - 3000 psi (35 - 210 bar), 1000 psi

- (70 bar) Standard Setting W 800 - 4500 psi (55 - 315 bar), 1000 psi
- (70 bar) Standard Setting **B** 300 - 1500 psi (20 - 105 bar), 1000 psi
- (70 bar) Standard Setting C 1000 - 6000 psi (70 - 420 bar), 1000 psi
- D 200 bas of tandard- Setting), 400 psi (28
- E 100 400 psi (7 28 bar), 200 psi (14
- **S** 50 200 psi (3,5 14 bar), 100 psi (7

(A) SEAL MATERIAL

N Buna-N **E** EPDM

V Viton

(N) MATERIAL/COATING

IAP Stainless Steel, Passivated **/LH** Mild Steel, Zinc-Nickel

Standard Material/Coating

bar) Standard Setting

- bar) Standard Setting
- bar) Standard Setting