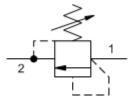


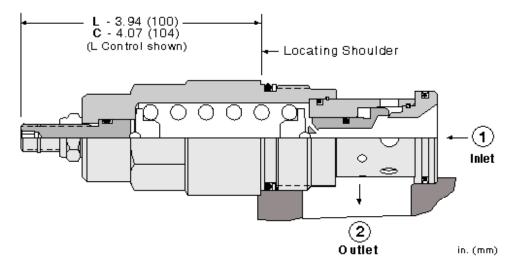
MODEL **RDJA**

Direct-acting relief valve CAPACITY: 200 gpm / CAVITY: T-18A



sunhydraulics.com/model/RDJA





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.

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at Reseat	10 drops/min.
Response Time - Typical	2 ms
Reseat	>90% of setting
Adjustment - No. of CW Turns from Min. to Max. setting	6
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-318-007
Seal kit - Cartridge	EPDM: 990-318-014
Seal kit - Cartridge	Viton: 990-318-006

CONFIGURATION OPTIONS

CONTROL

- Standard Screw Adjustment L
- Tamper Resistant Factory Set С

Model Code Example: RDJALACN

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

1000 psi (70 bar) Standard Setting

200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting

100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting

50 - 200 psi (3,5 - 14 bar), 100 psi (7 bar) Standard Setting W 800 - 4500 psi (55 - 315 bar), 1000 psi (70 bar) Standard Setting

psi (70 bar) Standard Setting

1000 - 6000 psi (70 - 420 bar),

ADJUSTMENT RANGE

(L)

А

С

D

Е

s

SEAL MATERIAL

(A)

- Buna-N

(N)

Standard Material/Coating

MATERIAL/COATING

EPDM v Viton

Ν

Е

/AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel