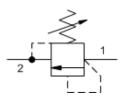


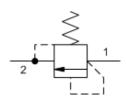


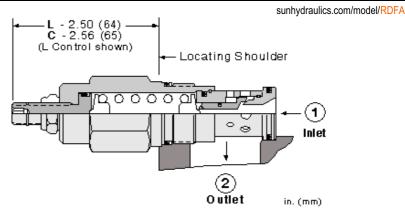
Direct-acting relief valve

SERIES 2 / CAPACITY: 200 L/min. / CAVITY: T-3A









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 quiet, 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
Maximum Valve Leakage at Reseat	0,7 cc/min.
Response Time - Typical	2 ms
Reseat	>90% of setting
Adjustment - No. of CW Turns from Min. to Max. setting	6
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990303007
Seal kit - Cartridge	EPDM: 990303014
Seal kit - Cartridge	Polyurethane: 990303002
Seal kit - Cartridge	Viton: 990303006

NOTES

CONTROL

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

CONFIGURATION OPTIONS

Model Code Example: RDFALAN

L Standard Screw Adjustment

- C Tamper Resistant Factory Set
- **Q** Capped and Lockwired

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

(L) ADJUSTMENT RANGE

- (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 1000 - 6000 psi (70 - 420 bar), 1000 psi
- (70 bar) Standard Setting
- **D** 200 800 psi (14 55 bar), 400 psi (28 bar) Standard Setting
- 100 400 psi (7 28 bar), 200 psi (14 bar) Standard Setting

(A) SEAL MATERIAL N Buna-N

EPDM V Viton

(N) MATERIAL/COATING

Standard Material/Coating /AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel

	bai / Claridara Colling
S	50 - 200 psi (3,5 - 14 bar), 100 psi (7
	bar) Standard Setting

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