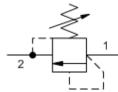
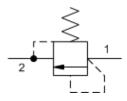
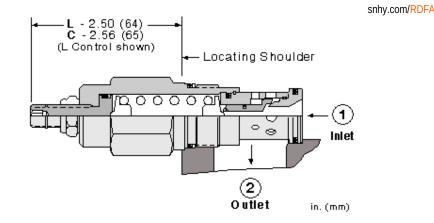


Direct-acting relief valve SERIES 2 / CAPACITY: 200 L/min. / CAVITY: T-3A









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	
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: 990303007	
Seal kit - Cartridge	EPDM: 990303014	
Seal kit - Cartridge	Polyurethane: 990303002	
Seal kit - Cartridge	Viton: 990303006	

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

CONFIGURATION OPTIONS

Model Code Example: RDFALAN

CONTROL (L)	ADJUSTMENT RANGE (A)	SEAL MATERIAL (N)	MATERIAL/COATING
L Standard Screw Adjustment	 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 (70 bar) Standard Setting D 200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting E 100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting S 50 - 200 psi (3,5 - 14 bar), 100 psi (7 bar) Standard Setting 	N Buna-N	Standard Material/Coating
C Tamper Resistant - Factory Set		E EPDM	/AP Stainless Steel, Passivated
Q Capped and Lockwired		V Viton	/LH Mild Steel, Zinc-Nickel