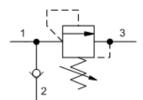
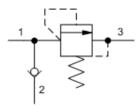
MODEL HRDB

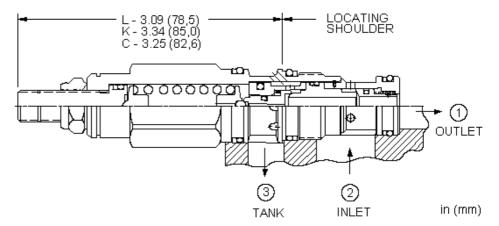


snhy.com/HRDB



<mark>sun</mark> hydraulics





The relief-after-check cartridge is a CavitySaver[™] (multi-function) valve incorporating a direct-acting relief tee'd in after a check function. The check valve flow is from the inlet (port 2) to the system port (port1). When the pressure in the system (port 1) reaches the relief valve setting, the valve starts to open to tank (port 3), 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	10 ms	
Maximum Valve Leakage at Reseat	0,3 cc/min.	
Check Cracking Pressure	1,7 bar	
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: 990011007	
Seal kit - Cartridge	Polyurethane: 990011002	
Seal kit - Cartridge	Viton: 990011006	

CONFIGURATION OPTIONS

Model Code Example: HRDBLAN

CONTROL	(L) ADJUSTMENT RANGE (A)	SEAL MATERIAL (N	MATERIAL/COATING
 L Standard Screw Adjustment C Tamper Resistant - Factory Set K Handknob 	 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 	N Buna-N V Viton	Standard Material/Coating IAP Stainless Steel, Passivated ILH Mild Steel, Zinc-Nickel