



CONFIGURATION

L Control	Standard Screw Adjustment
C Adjustment	150 - 6000 psi (10,5 - 420 bar),
Range	1000 psi (70 bar) Standard Setting
N Seal Material	Buna-N
Material/Coating	

Fast-acting, pilot-operated, balanced piston relief cartridges are normally closed, pressure-limiting valves used to protect hydraulics components from pressure transients. Fast opening and closing is gained at the expense of smoothness.

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 have low pressure rise vs. flow and are very fast.

TECHNICAL DATA

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	4 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	5 in ³ /min. @1000 psi
Response Time - Typical	2 ms
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	Polyurethane: 990-018-002
Seal kit - Cartridge	Viton: 990-018-006

CONFIGURATION OPTIONS

Model Code Example: RPKELCN

CONTROL	(L)	ADJUSTMENT RANGE	(C)	SEAL MATERIAL	(N)	MATERIAL/COATING	(/LH)
L Standard Screw Adjustment		C 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting		N Buna-N V Viton		/LH Mild Steel, Zinc-Nickel /AP Stainless Steel, Passivated Standard Material/Coating	