

# SLB

## DESIGN FEATURES

The R-K SLB (Super Low Back Pressure/ Relief Valve) series is designed to protect piping and/or system from pressure changes where quick relief of excess pressure is required. Prevents pumps from dead head, over pressure, pressure surges, and maintains back pressure in closed loop systems. This valve is known as a POP-UP, BY-PASS, and BACK PRESSURE Valve..

Adjustable screw and lock-nut allows easy and accurate pre-set relief pressure.

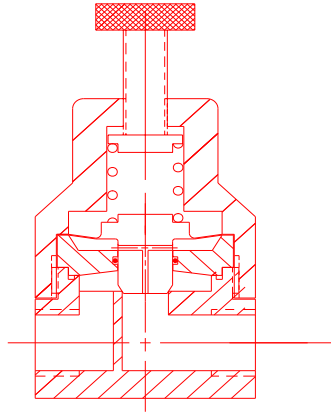
Teflon diaphragm.

No metal contact with fluid.

Small pressure differential band from cracking point to fully open, and from wide open to close.

Top entry makes in-line maintenance quick and easy

Ideal for Pharmaceutical, Biomedical, DI water, harsh chemical, and other high purity applications.



## SUPER-LOW BACK PRESSURE / RELIEF VALVE

### SPECIFICATIONS

Upstream Pressure	Vacuum to 150 PSIG	Temperature Range	0 F to 140 F for PVC 0 F to 180 F for POLYPRO 0 F to 280 F for PVDF 0 F to 340 F for TEFLON
Back / Relief Pressure	½ to 10 PSIG		
Pressure differential	Plus / Minus 5-10% from any preset point.	Material	Valve Body PVC Type 1, Grade 1 Polypropylene PVDF Teflon Diaphragm Virgin Teflon
Valve ports	1/4" to 1" Valve FNPT 1.5" to 2" Valve MPT		
Mounting method	(4) 1/4"-20 tapped holes for standard machined valve body.	Seal	EPDM VITON (Standard) KALREZ

### ORDER INFORMATION

The chart below will specify R - K standard valves regarding valve size, valve material, and seal material. For special orders, please consult the factory for pricing and delivery information.

SLB - XXX - X		
VALVE SIZE	MATERIAL	SEALS
50 = 1/2"	1 = PVC	E = EPDM
75 = 3/4"	2 = POLYPRO	V = VITON
100 = 1.0"	3 = PVDF	K = KALREZ
150 = 1.5"	4 = TEFLON	O = OTHER (Please specify)
200 = 2.0"	5 = OTHER (Please specify)	