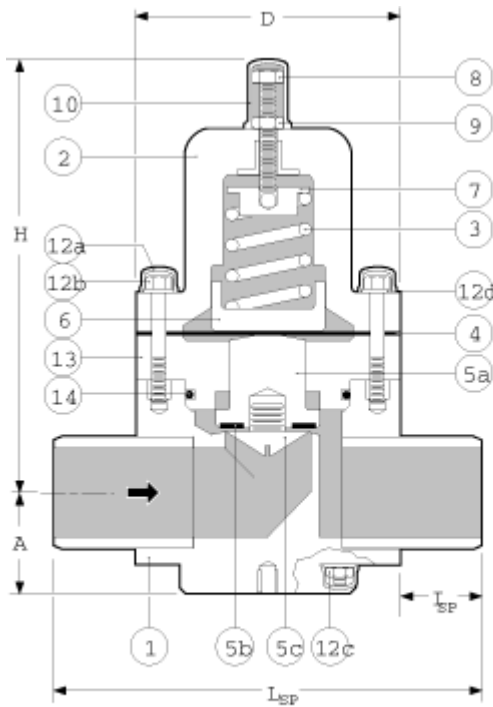




CHEMLINE SB12 DATASHEET

SB 12 Back Pressure Relief / Valve Components, 2-1/2" to 4" Sizes

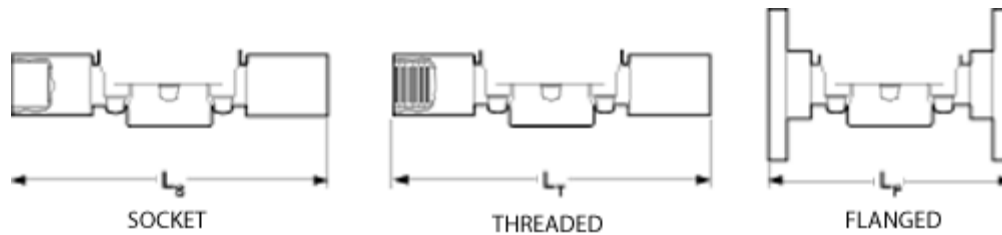


SB12 10" - 4"

#	Part	Material
1	Body	PVC,PP,PVDF
2	Bonnet	PPG
3	Spring	304 SS
4	Diaphragm	Teflon bonded EPDM
5a	Piston	PVC, PP, PVDF
5b	Seat	EPDM Viton
5c	Seat retainer	PVC,PP,PVDF
6	Spring Retainer	PPG
7	Spring Retainer	304 SS
8	Tensioning Bolt	304 SS
9	Lock Nut	304 SS
10	Spring Bolt Cap	PE
12a	Hex Bolt/Nut Cap	PE
12b	Hex Bolt/stud	304 SS
12c	Hex Nut	304 SS
12c	Washer	304 SS
13	Spacer Disk	PVC, PP, PVDF
14	Spacer O Ring	EPDM Viton



Fitting Ends. For dimensions of fitting ends see table below diagram



DIMENSIONS INCHES

WEIGHTS LB

C_v VALUES

Size	A	D	H	PVC			PP and PVDF		PVC	PP	PVDF	USGPM Flow at 1 psi ΔP
				L _S	L _T	L _F	L _{SP}	L _{SP} *				
2-1/2"	2.7	6.9	11.1	14.5	14.0	10.9	2.1	11.2	20.9	15.4	24.6	41
3"	3.0	7.9	12.2	16.0	15.5	12.2	3.1	14.2	26.4	23.8	30.8	63
4"	3.7	9.8	14.2	—	—	13.8	3.3	16.5	33.0	26.4	37.4	98

VALVE SIZE 3"

