

Media: water + fluids
 Pressure Rating: 25 Bar Max
 Pressure: (0.2 – 4), (2 – 8) or (5 – 13) Bar
 Media temperature: -15°C +80°C max
 Media viscosity: 50 centistokes max
 Mounting: any position

Pressure Relief Valve

DN50 – DN300
 Stainless 304 or 316
 PILOT ASSISTED
 (0.2 – 4), (2 – 8) or (5 – 13) Bar
 TYPE BFL-S



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Kv L/min	Max Inlet Pressure (Bar)	Part Number	
				Pressure Relief Adjustment Range (0.2 – 4), (2 – 8) or (5 – 13) Bar	
DN50	50	1072.5	25	BFL50 + body material + pressure range	
DN65	65	1501.5	25	BFL65 + body material + pressure range	
DN80	80	2002	25	BFL80 + body material + pressure range	
DN100	100	3718	25	BFL100 + body material + pressure range	
DN125	125	5577	25	BFL125 + body material + pressure range	
DN150	150	7865	25	BFL150 + body material + pressure range	
DN200	200	14300	25	BFL200 + body material + pressure range	
DN250	250	22880	16	BFL250 + body material + pressure range	
DN300	300	31460	16	BFL300 + body material + pressure range	

OPTIONS

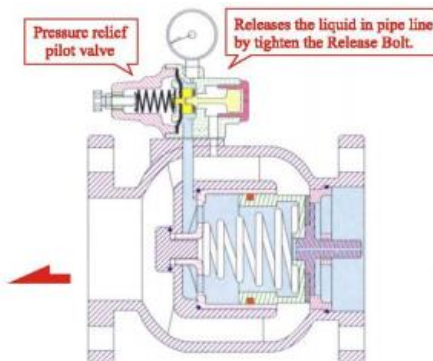
Pressure Regulator 304 stainless steel,
 Pressure gauge (Displays System Pressure)
 Pressure relief adjustment range (0.2 to 4 Bar), (2 to 8 Bar) or (5 to 13 Bar)
 Other flange options ANSI150Lb, JIS10K, JIS20K, PN10, PN20
 Other custom made sizes (up to 56"), higher pressures and other media (acid, alkali, oil) and seal options available upon request

REPAIR KIT

Piston U Ring	SP + Valve Part Number - U RING
Pressure Relief Controller	BFL-S + pressure range

OVERALL DIMENSIONS

Pressure relief valve will stay closed until the system pressure reaches the set limit, at max limit the valve will quickly open releasing excess pressure. When pressure returns back to safe limit valve will slowly close. Protects against over pressure caused by pump stop or valves closing.



Materials + Pressure Specs	
Main body	304 or 316 Stainless Steel
Cylinder bolt	Stainless Steel
O-Ring	NBR or FKM
Cylinder	Stainless Steel
Spring	Stainless Steel
U- ring	NBR or FKM
Piston	Stainless Steel
Sealing	NBR or FKM
Seat	Stainless Steel
Shaft	Stainless Steel
Controller	Stainless Steel
Working	25 Bar
Test	38 Bar

Item	Kg	Dimensions (mm)	
		L	A
BTL40	3	120	160
BTL50	9	200	180
BFL50	12	190	180
BFL65	15	210	185
BFL80	18	225	200
BFL100	24	250	222
BFL125	32	280	235
BFL150	44	310	260
BFL200	87	420	300
BFL250	152	470	335
BFL300	202	530	370

