

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	List Price	
				Pressure Relief Adjustment Range (0.2 – 4), (2 – 8) or (5 – 13) Bar	304 Stainless	316 Stainless
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

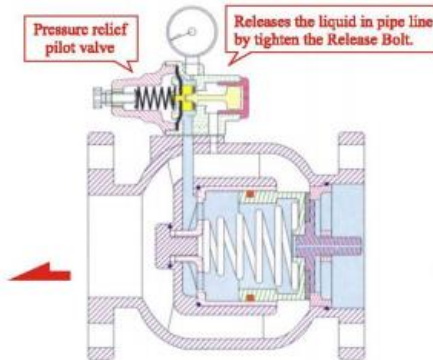
Pressure Regulator 304 stainless steel, Pressure gauge (Displays System Pressure) Pressure relief adjustment range (0.2 to 4 Bar), (2 to 8 Bar) or (5 to 13 Bar) Other flange options ANSI150Lb, JIS10K, JIS20K, PN10, PN20 Other custom made sizes (up to 56"), higher pressures and other seal options for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

Body seal kit	BFE + port size + seal material - KIT
Pressure Relief Controller	BFL-S + pressure range + seal material

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 (Viton or EPDM)
Cylinder	Stainless Steel
Spring	Stainless Steel
U- ring	NBR (Viton or EPDM)
Piston	Stainless Steel
Sealing	NBR (Viton or EPDM)
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

