

Media: water or fluid  
 Pressure Rating: 20 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

### Ductile Iron Epoxy Coated

### PILOT ASSISTED

### (0.2 – 4), (2 – 8) or (5 – 13) Bar

## TYPE BFL-D



#### 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	20	BFL50DE + pressure range
DN65	65	1501.5	20	BFL65DE + pressure range
DN80	80	2002	20	BFL80DE + pressure range
DN100	100	3718	20	BFL100DE + pressure range
DN125	125	5577	20	BFL125DE + pressure range
DN150	150	7865	20	BFL150DE + pressure range
DN200	200	14300	20	BFL200DE + pressure range
DN250	250	22880	20	BFL250DE + pressure range
DN300	300	31460	20	BFL300DE + pressure range
DN350	350	42900	20	BFL350DE + pressure range
DN400	400		20	BFL400DE + pressure range

#### OPTIONS

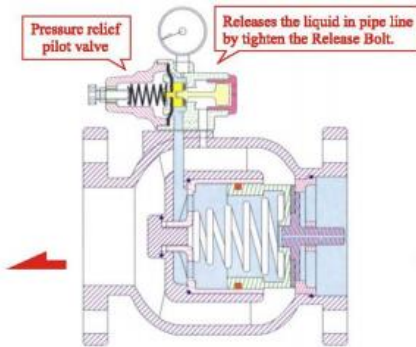
Pressure Regulator Bronze	<b>Included Included Included TBA</b>
Pressure gauge (Displays System Pressure)	
Pressure relief adjustment range (0.2 to 4 Bar), (2 to 8 Bar) or (5 to 13 Bar)	
Other flange options ANSI150Lb, JIS10K, JIS20K, PN10, PN20 Other custom made sizes (up to 56"), higher pressures and other media options available upon request	

#### REPAIR KIT

Body seal kit	BFE + port size + seal material - KIT
Pressure Relief Controller	BFLB + 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	Ductile Iron Epoxy Coated
Cylinder bolt	Brass
O-Ring	NBR (Viton or EPDM)
Cylinder	Bronze
Spring	Stainless steel
U- ring	NBR (Viton or EPDM)
Piston	Bronze
Sealing	NBR (Viton or EPDM)
Seat	Bronze
Shaft	Bronze
Controller	Brass
Working	20 Bar
Test	32 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

