

Media: water
 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	Part Number
		Cv	Pressure Relief Adjustment Range (0.2 – 4), (2 – 8) or (5 – 13) Bar
DN50	50	37	BFL50DE + pressure range
DN65	65	85	BFL65DE + pressure range
DN80	80	110	BFL80DE + pressure range
DN100	100	150	BFL100DE + pressure range
DN125	125	230	BFL125DE + pressure range
DN150	150	450	BFL150DE + pressure range
DN200	200	580	BFL200DE + pressure range
DN250	250	910	BFL250DE + pressure range
DN300	300	1300	BFL300DE + pressure range

OPTIONS

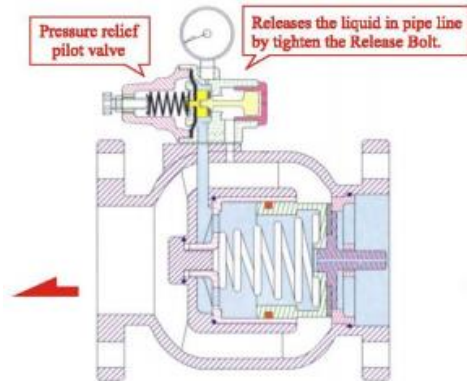
Pressure Regulator Bronze
 Pressure gauge (Displays System Pressure)
 Pressure relief adjustment range (0.2 to 4 Bar), (2 to 8 Bar) or (5 to 13 Bar)
 Other flange options ANSI150Lb, JIS10K, JIS20K, PN10, PN20
 Other custom made sizes (up to 56"), higher pressures and other media options available upon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

REPAIR KIT

Piston U Ring	SP + Valve Part Number - U RING
Pressure Relief Controller	BFLB + 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	Ductile Iron Epoxy Coated
Cylinder bolt	Brass
O-Ring	NBR or FKM
Cylinder	Bronze
Spring	Stainless steel
U- ring	NBR or FKM
Piston	Bronze
Sealing	NBR or FKM
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

