

Media: water + fluid
 Pressure Rating: 25 Bar Max
 Pressure: 1-7, 2-10 or 4-12 Bar
 Media temperature: -15°C +80°C max
 Media viscosity: 50 centistokes max
 Mounting: any position

Pressure Reducing Valve

DN50 – DN300
 Stainless Steel 304 or 316
 PILOT ASSISTED
 1-7, 2-10 or 4-12 Bar
 TYPE BFR-S



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Kv L/min	Max Inlet Pressure (Bar)	Part Number	List Price			
					304 Stainless		316 Stainless	
					NBR	VITON	NBR	VITON
DN50	50	1072.5	25	BFR50 + body + seal material + pressure range				
DN65	65	1501.5	25	BFR65 + body + seal material + pressure range				
DN80	80	2002	25	BFR80 + body + seal material + pressure range				
DN100	100	3718	25	BFR100 + body + seal material + pressure range				
DN125	125	5577	25	BFR125 + body + seal material + pressure range				
DN150	150	7865	25	BFR150 + body + seal material + pressure range				
DN200	200	14300	25	BFR200 + body + seal material + pressure range				

OPTIONS

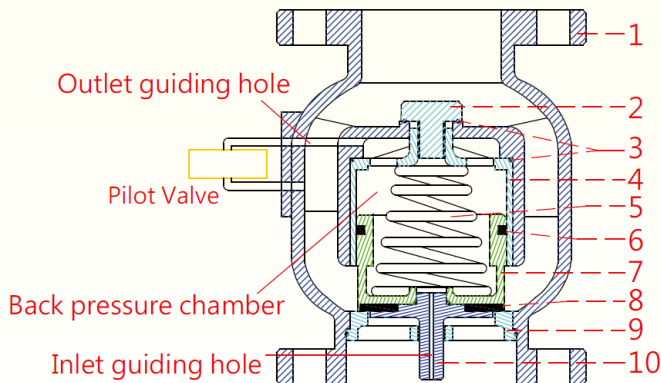
Pressure Regulator PRV Controller Stainless steel	Included Included Included +10% TBA
Pressure gauge (Displays outlet Pressure)	
Pressure adjusting range 1-7 Bar, 2-10 Bar or 4-12 Bar	
Other flange options ANSI150Lb, JIS10K, JIS20K, PN10, PN20	
Other custom-made sizes (up to 56" DN1400), other pressures, seals for other media (acid- alkali – oil) options available upon request	

REPAIR KIT

Body seal kit	BF + port + seal material -KIT
Pressure Reducing Controller	BFRS + pressure range + seal

OVERALL DIMENSIONS

Pressure reducing valve will reduce and maintain a stable set outlet pressure regardless of inlet pressure changes to prevent pipeline and equipment damage caused by accidental over pressure. Outlet pressure is displayed by external pressure gauge.



No	Description	Material
1	Main body	304 or 316 Stainless
2	Cylinder bolt	304 Stainless
3	O-Ring	NBR or Viton
4	Cylinder	304 Stainless
5	Spring	304 Stainless
6	U- ring	NBR or Viton
7	Piston	304 Stainless
8	Sealing	NBR or Viton
9	Seat	304 Stainless
10	Shaft	304 Stainless
	Test Pressure	38 Bar

Item	Kg	Dimensions (mm)	
		L	A
BFR50	12	190	130
BFR65	15	212	140
BFR80	18	225	155
BFR100	24	250	165
BFR125	32	284	180
BFR150	44	310	215
BFR200	87	420	235

Flow Chart of Pressure Reducing Valve

