

Media: Water + Fluid
Pressure Rating: 20 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
Ductile Iron Epoxy Coated
PILOT ASSISTED
1-7, 2-10 or 4-12 Bar
TYPE BFR-DE



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Cv US GPM	Max Inlet Pressure (Bar)	Part Number	List Price	
				Pressure Reducing Range 1-7 Bar, 2-10 Bar or 4-12 Bar	NBR Seals	Viton Seals
DN50	50	75	20	BFR50DE + seal material + pressure range		
DN65	65	105	20	BFR65DE + seal material + pressure range		
DN80	80	140	20	BFR80DE + seal material + pressure range		
DN100	100	260	20	BFR100DE + seal material + pressure range		
DN125	125	390	20	BFR125DE + seal material + pressure range		
DN150	150	550	20	BFR150DE + seal material + pressure range		
DN200	200	1000	20	BFR200DE + seal material + pressure range		

OPTIONS

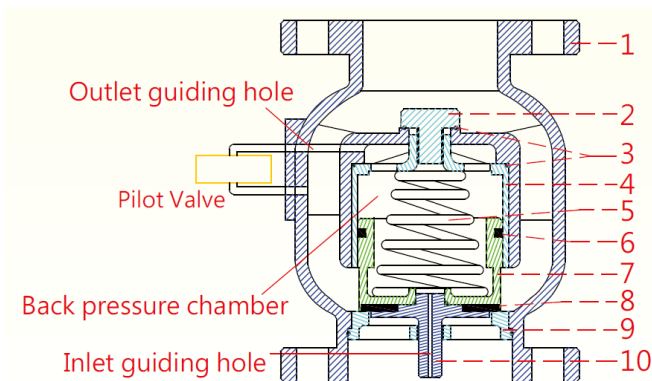
Pressure Regulator PRV controller Brass Pressure gauge (Displays outlet Pressure) Pressure adjusting range 1 to 7 Bar, 2 to 10 Bar or 4 to 12 Bar Other flange options JIS10K, ANSI150Lb, JIS20K, PN10, PN20 Other custom made sizes (up to 56" DN1400), pressure ranges and other media and seal options available upon request	Included Included +10% TBA
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REPAIR KIT

Body seal kit	BFE + port size + seal material - KIT
Pressure Reducing Controller	BFRB + pressure range + seal material

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	Ductile Iron
2	Cylinder bolt	Ductile Iron
3	O-Ring	NBR
4	Cylinder	Bronze
5	Spring	304 Stainless
6	U- ring	NBR
7	Piston	Bronze
8	Sealing	NBR
9	Seat	Bronze
10	Shaft	Bronze

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

