

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 Kv L/min	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	1072.5	20	BFR50DE + seal + pressure range		
DN65	65	1501.5	20	BFR65DE + seal + pressure range		
DN80	80	2002	20	BFR80DE + seal + pressure range		
DN100	100	3718	20	BFR100DE + seal + pressure range		
DN125	125	5577	20	BFR125DE + seal + pressure range		
DN150	150	7865	20	BFR150DE + seal + pressure range		
DN200	200	14300	20	BFR200DE + seal + 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

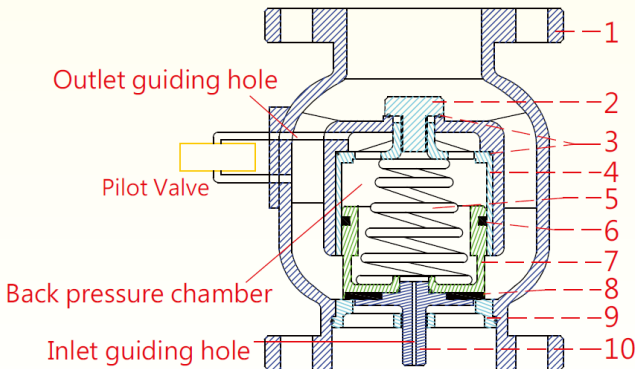
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 TBA

## 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

