

Media: water  
 Pressure range: 0.3 to 20 Bar max  
 Media temperature: -15°C +80°C max  
 Ambient temperature: -15°C to +60°C  
 Media viscosity: 50 centistokes max  
 Mounting: any position

# Pilot Float Valves

DN50 – DN300  
 Ductile Iron Epoxy Coated  
**PILOT ASSISTED**  
 0.7 – 20 Bar  
**TYPE BFF-DE**



### PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Cv	Max Inlet Pressure (Bar)	Part Number
DN50	50	37	20	BFF50DE + seal material
DN65	65	85	20	BFF65DE + seal material
DN80	80	110	20	BFF80DE + seal material
DN100	100	150	20	BFF100DE + seal material
DN125	125	230	20	BFF125DE + seal material
DN150	150	450	20	BFF150DE + seal material
DN200	200	580	20	BFF200DE + seal material
DN250	250	910	16	BFF250DE + seal material
DN300	300	1300	16	BFF300DE + seal material
DN350	350	1800	10	BFF350DE + seal material
DN400	400	2300	10	BFF400DE + seal material

### OPTIONS

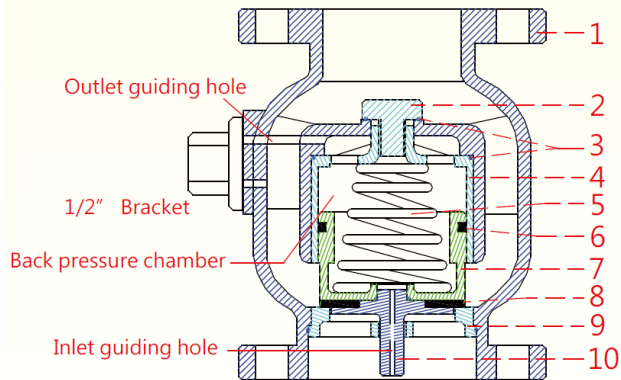
½" Threaded pilot adaptor plate  
 Flange JIS10K, JIS20K, ANSI150Lb, PN10, PN25  
 Other custom made sizes (up to 56") and other media and seal options available upon request

### REPAIR KIT

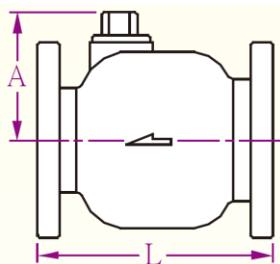
Piston U Ring

SP + Valve Part Number + U RING

### OVERALL DIMENSIONS



Material Specifications	
Main Body	Ductile Iron Epoxy Coated
Cylinder bolt	Brass
O-Ring	NBR or Viton
Cylinder	Bronze
Spring	Stainless Steel
U- ring	NBR or Viton
Piston	Bronze
Sealing	NBR or Viton
Seat	Bronze
Shaft	Bronze
Controller	Brass



Dimensions			
DN	L	A	Kg
50	190	100	10
65	212	105	13
80	225	120	16
100	250	130	22
125	284	150	30
150	310	180	42
200	420	205	85
250	470	250	150
300	535	280	200

