

Media: Water  
 Pressure range: 20 Bar max  
 Media temperature: -15°C to +80°C  
 Ambient temperature: -15° to +80°C  
 Mounting: Vertical and Horizontal

# Full Flow Silent Check Valve

## DN50 - DN300

### Ductile Iron & Stainless

### 20 Bar Max

### Type CHF



#### PRESSURE

Port Flange PN16	Ø Orifice	Max Pressure (Bar)	Part Number
DN50	50	20	CHF50 + body material
DN65	65	20	CHF65 + body material
DN80	80	20	CHF80 + body material
DN100	100	20	CHF100 + body material
DN125	125	20	CHF125 + body material
DN150	150	20	CHF150 + body material
DN200	200	20	CHF200 + body material
DN250	250	20	CHF250 + body material
DN300	300	20	CHF300 + body material

#### OPTIONS

Bypass manual valve (up to DN150 only)  
 Other Flange Options JIS10K, JIS20K, ANSI150Lb  
 Custom made options include 316 Stainless steel, special media, temperature and sizes available upon request

#### CONSTRUCTION

Body: Ductile Iron or Stainless steel 304  
 Seals and gaskets: NBR  
 Test Pressure: Stainless Steel 35 Bar, Ductile Iron 33 Bar, Cast Iron 21 Bar  
 Maximum Applied Pressure: Stainless Steel 20 Bar, Ductile Iron 20 Bar, Cast Iron 16 Bar

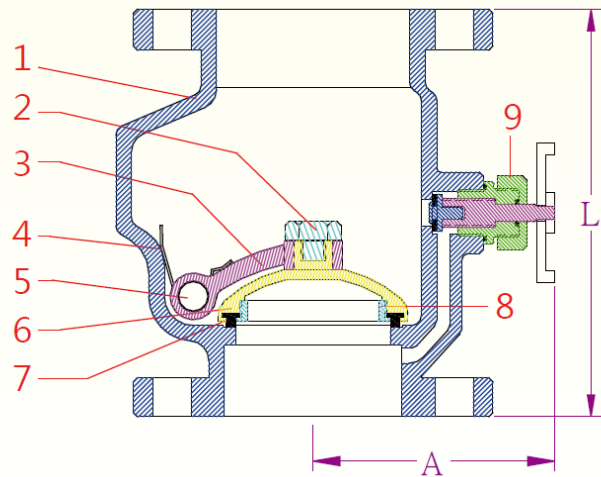
#### REPAIR KIT

U Ring seal

Kit + Part Number

#### OVERALL DIMENSIONS

Part No.	Flange Size	H (mm)	A (mm)	(kg)
CHF-50	DN50	183	122	9
CHF-65	DN65	200	132	12
CHF-80	DN80	210	147	14
CHF-100	DN100	220	160	16
CHF-125	DN125	260	180	27
CHF-150	DN150	280	200	32
CHF-200	DN200	370	Upon Request	61
CHF-250	DN250	450	Upon Request	117
CHF-300	DN300	520	Upon Request	138



Sizes DN50 to DN150					Sizes DN200 to DN300				
No	Description	Material			No	Description	Material		
1	Main Body	Cast Iron	Ductile Iron	Stainless 304	1	Main Body	Cast Iron	Ductile Iron	Stainless 304
2	Locating Bolt	Stainless 304			2	Locating Bolt	Stainless 304		
3	Cantilever	Stainless 304			3	Cantilever	Brass	Brass	Stainless 304
4	Spring	Stainless 304			4	Spring	Stainless 304		
5	Pin	Stainless 304			5	Pin	Cast iron	Ductile Iron	Stainless 304
6	Sealing Retainer	Brass			6	Sealing Retainer	Ductile iron		
7	Sealing	NBR			7	Sealing	NBR		
8	Seat	Brass	Brass	Seat	8	Seat	Brass	Brass	Stainless 304
9	By Pass Valve	Brass	Brass	Stainless 304					