

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

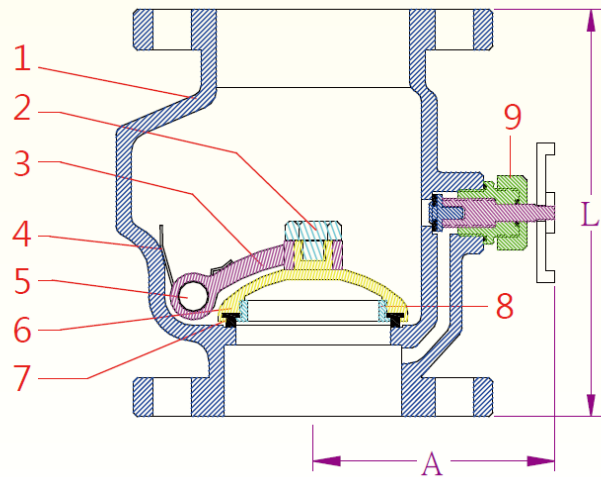
REPAIR KIT

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 | | | | | |