



Swing Check Valve

ADVANTAGES:

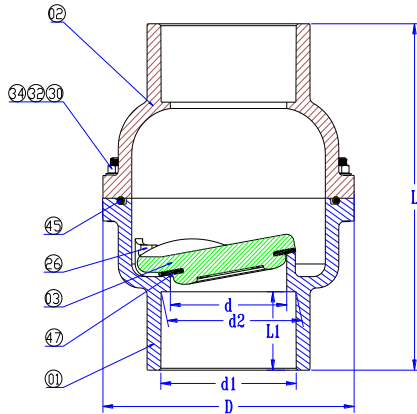
- 1) Materials meet drinking water standard
- 2) 100% pure virgin material, CaCO₃ free (Chalk)
- 3) UV resistant powder added
- 4) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC
- 2) Size: 2½" - 6"; 75mm - 160mm ; DN65 - DN150
- 3) Standard: ANSI, DIN, JIS, CNS
- 4) Joint End: Socket or Threaded(NPT,PT,BSPF)
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55℃); CPVC(0~95℃)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



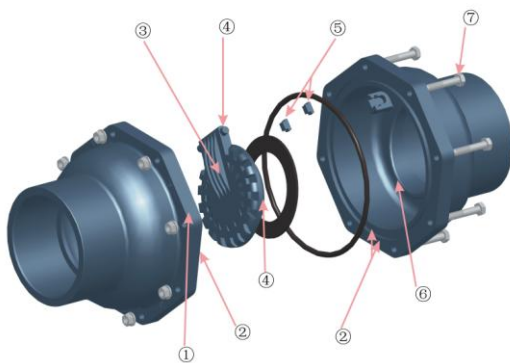
SPECIFICATIONS:



| ITEM | PART | MATERIAL | QTY |
|------|-------------|--------------|--------|
| 01 | LOWER BODY | PVC / CPVC | 1 |
| 02 | UPPER BODY | PVC / CPVC | 1 |
| 03 | VALVE CLACK | PVC / CPVC | 1 |
| 26 | BUCKLE | PVC / CPVC | 2 |
| 30 | BOLT | SS 304 | 8 / 12 |
| 32 | PAD | SS 304 | 8 / 12 |
| 34 | NUT | SS 304 | 8 / 12 |
| 45 | ORING | EPDM / VITON | 1 |
| 47 | SEAL | EPDM / VITON | 1 |

| SIZE | d | d1 | | | | d2 | | | | D | L | L1 | Unit: MM |
|----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----------|
| | | ANSI | DIN | JIS | CNS | ANSI | DIN | JIS | CNS | | | | |
| 2½" (65) | 63 | 73.38 | 75.30 | 76.60 | 76.70 | 72.85 | 75.10 | 75.87 | 75.90 | 168.00 | 212.00 | 49.50 | |
| 3" (80) | 75 | 89.31 | 90.40 | 89.60 | 89.70 | 88.70 | 90.10 | 88.83 | 88.90 | 172.00 | 230.00 | 53.00 | |
| 4" (100) | 95 | 114.76 | 110.40 | 114.70 | 115.00 | 114.10 | 110.10 | 113.98 | 113.80 | 205.00 | 274.00 | 62.00 | |
| 6" (150) | 150 | 168.83 | 160.50 | 166.20 | 166.20 | 168.00 | 160.20 | 165.30 | 164.60 | 290.00 | 390.00 | 86.50 | |

DESIGNS:



- ① In particular increase the thickness at the end of body for impact resistance strength when suddenly open
- ② Two plane and the Oring grooves are by machining, to ensure the combination of surface formation, better sealing
- ③ Improved design on valve rib, at the bottom to reduce weight and greatly increased due to water hammer valve impact resistance and strenght
- ④ The abolition of the metal shaft, all to switch to all-in-one plastic structure, increased corrosion resistance
- ⑤ Buckle fixed valve petal, the elimination of the original way, replacing the two columns of fixed processing erros, and increase the opening angle to reduce the flow resistance
- ⑥ Sealing surface design is titled 10 degrees, so that it also can use at the level of the installation
- ⑦ Lock 8 screws the upper and lower body more closely and firmly, under the water hammer, it is difficult deformation, better sealing



Flanged Swing Check Valve

ADVANTAGES:

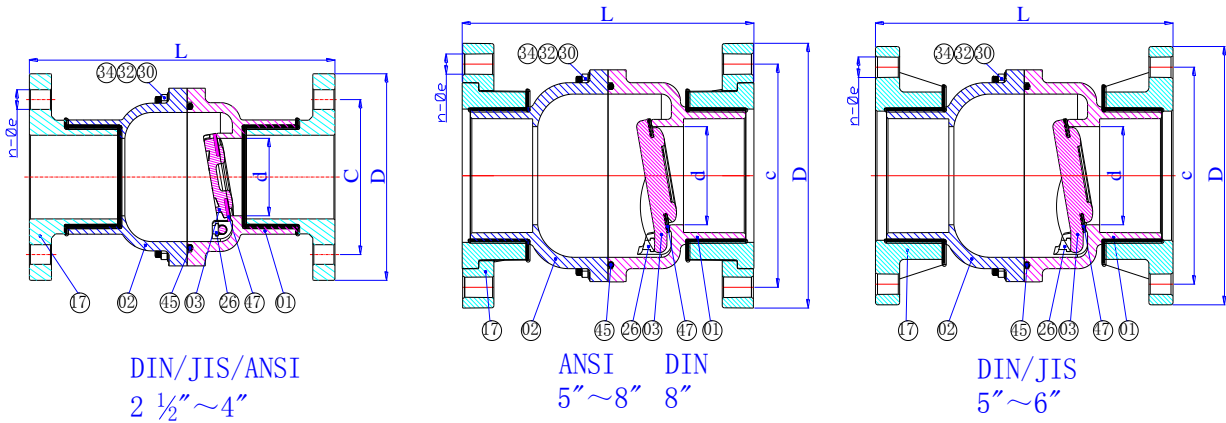
- 1) Materials meet drinking water standard
- 2) 100% pure virgin material, CaCO3 free (Chalk)
- 3) UV resistant powder added
- 4) Can be assembled vertically or horizontally

DESCRIPTION:

- 1) Material: PVC, CPVC
- 2) Size: 2½" - 8"; 75mm - 225mm ; DN65 - DN200
- 3) Standard: ANSI, DIN, JIS
- 4) Joint End: Flanges
- 5) Working Pressure: 150 PSI
- 6) Operating Temperature: PVC(0~55°C); CPVC(0~95°C)
- 7) Valve body color : PVC(dark gray), CPVC(light gray),



SPECIFICATIONS:



| ITEM | PART | MATERIAL | QTY |
|------|-------------|--------------|--------|
| 01 | LOWER BODY | PVC / CPVC | 1 |
| 02 | UPPER BODY | PVC / CPVC | 1 |
| 03 | VALVE CLACK | PVC / CPVC | 1 |
| 17 | FLANG | PVC / CPVC | 2 |
| 26 | BUCKLE | PVC / CPVC | 2 |
| 30 | BOLT | SS 304 | 8 / 12 |
| 32 | PAD | SS 304 | 8 / 12 |
| 34 | NUT | SS 304 | 8 / 12 |
| 45 | ORING | EPDM / VITON | 1 |
| 47 | SEAL | EPDM / VITON | 1 |

Unit: MM

| SIZE | d | D | | L | | C | | | n-φe | |
|---------|--------|--------|---------|--------|---------|--------|--------|--------|------|---------|
| | | ANSI | DIN/JIS | ANSI | DIN/JIS | ANSI | JIS | DIN | ANSI | DIN/JIS |
| 2½"(65) | 63.00 | 182.00 | | 280.00 | | 140.00 | 140.00 | 145.00 | 4-19 | |
| 3"(80) | 75.00 | 200.00 | | 304.00 | | 150.00 | 152.00 | 160.00 | 8-19 | |
| 4"(100) | 95.00 | 228.00 | | 356.00 | | 175.00 | 191.00 | 180.00 | 8-19 | |
| 5"(125) | 95.00 | 256.00 | 250.00 | 290.00 | 296.00 | 216.00 | 210.00 | 210.00 | 8-22 | 8-23 |
| 6"(150) | 150.00 | 285.00 | 285.00 | 566.00 | 674.00 | 241.00 | 240.00 | 240.00 | 8-22 | 8-23 |
| 8"(200) | 150.00 | 343.00 | | 298.00 | | 298.00 | | | 8-23 | |