

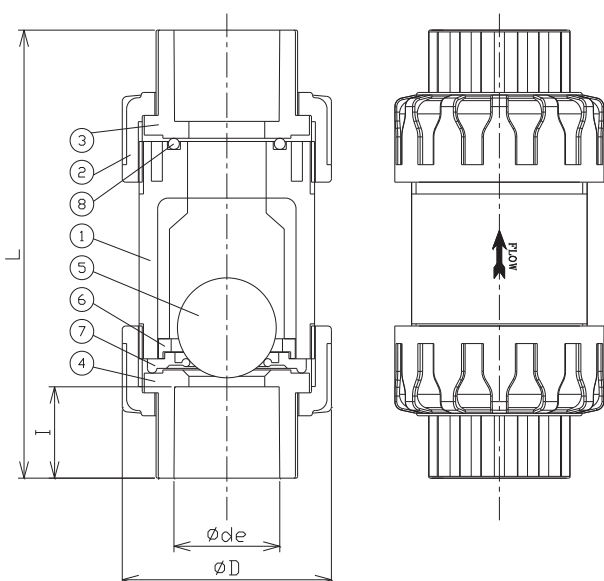
# TRUE UNION BALL CHECK VALVE

## 雙由任球型逆止閥 PVC & CPVC 1/2" ~ 2-1/2"\*



### DATA

- Working pressure : 150 PSI / 73°F
- Minimum flow pressure : 5 PSI
- True union design and Easy Maintenance
- Full port design
- EPDM or FPM seals
- Brand : SUPERTUNG



| No | PARTS NAME   | Q'TY | MATERIAL |
|----|--------------|------|----------|
| 1  | BODY         | 1    | PVC,CPVC |
| 2  | NUT          | 2    | PVC,CPVC |
| 3  | CONNECTOR    | 1    | PVC,CPVC |
| 4  | CONNECTOR-IN | 1    | PVC,CPVC |
| 5  | BALL         | 1    | PVC,CPVC |
| 6  | RING         | 1    | PVC,CPVC |
| 7  | SEAT         | 1    | EPDM,FPM |
| 8  | O-RING       | 1    | EPDM,FPM |

| SIZE           | D   | L   | ANSI  |      | DIN |      | JIS |      | CNS |      | NPT  | BSPT | BSPF |
|----------------|-----|-----|-------|------|-----|------|-----|------|-----|------|------|------|------|
|                |     |     | ¢de   | I    | ¢de | I    | ¢de | I    | ¢de | I    |      |      |      |
| 1/2" (15mm)    | 56  | 125 | 21.34 | 22.5 | 20  | 20   | 22  | 22.5 | 22  | 22.5 | 14   | 14   | 14   |
| 3/4" (20mm)    | 56  | 125 | 26.67 | 25.7 | 25  | 23   | 26  | 25.7 | 26  | 25.7 | 14   | 14   | 14   |
| 1" (25mm)      | 66  | 141 | 33.4  | 28.9 | 32  | 26   | 32  | 28.9 | 34  | 28.9 | 11.5 | 11   | 11   |
| 1-1/4" (32mm)  | 98  | 170 | 42.16 | 33.8 | 40  | 31   | 38  | 33.8 | 42  | 33.8 | 11.5 | 11   | 11   |
| 1-1/2" (40mm)  | 98  | 170 | 48.26 | 35   | 50  | 34   | 48  | 35   | 48  | 35   | 11.5 | 11   | 11   |
| 2" (50mm)      | 120 | 204 | 60.32 | 38.5 | 63  | 38.5 | 60  | 38.5 | 60  | 38.5 | 11.5 | 11   | 11   |
| 2-1/2" (65mm)* | 120 | 210 | 73.02 | 41.5 | 75  | 41.5 | 76  | 41.5 | 76  | 41.5 | 8    | 11   | 11   |

\* Decrement type : inside diameter 50mm (減量型)

## Technical Information

| Item | Description                 | Size          | Material |          |          |
|------|-----------------------------|---------------|----------|----------|----------|
|      |                             |               | Body     | Seat     | O-ring   |
| (1)  | True Union Ball Check Valve | 1/2"(DN15)    | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (2)  | True Union Ball Check Valve | 3/4"(DN20)    | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (3)  | True Union Ball Check Valve | 1"(DN25)      | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (4)  | True Union Ball Check Valve | 1-1/4"(DN32)  | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (5)  | True Union Ball Check Valve | 1-1/2"(DN40)  | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (6)  | True Union Ball Check Valve | 2"(DN50)      | PVC,CPVC | EPDM,FPM | EPDM,FPM |
| (7)  | True Union Ball Check Valve | 2-1/2"(DN65)* | PVC,CPVC | EPDM,FPM | EPDM,FPM |

\* Decrement type : inside diameter 50mm (減量型)

| Size          | Hydrostatic Testing                                 |                                                       | Cv  |
|---------------|-----------------------------------------------------|-------------------------------------------------------|-----|
|               | Burst pressure water (kgf/cm <sup>2</sup> ) minimum | Long-term behaviour test water (kgf/cm <sup>2</sup> ) |     |
| 1/2"(DN15)    | 25                                                  | 15                                                    | 8   |
| 3/4"(DN20)    | 25                                                  | 15                                                    | 15  |
| 1"(DN25)      | 25                                                  | 15                                                    | 29  |
| 1-1/4"(DN32)  | 25                                                  | 15                                                    | 75  |
| 1-1/2"(DN40)  | 25                                                  | 15                                                    | 90  |
| 2"(DN50)      | 25                                                  | 15                                                    | 140 |
| 2-1/2"(DN65)* | 25                                                  | 15                                                    | 140 |

\* Decrement type : inside diameter 50mm (減量型)

## Working pressure vs. Temperature

