



DIMENSIONS TABLE

Unit : inch

| Nominal Size | d    | ANSI Class150 |       |       |   |        | D1    | L     | t    |      | H     |
|--------------|------|---------------|-------|-------|---|--------|-------|-------|------|------|-------|
|              |      | D             | C     | n     | h | HI-PVC |       |       | PVDF |      |       |
| 1/2"         | 15mm | 0.79          | 3.50  | 2.38  | 4 | 0.62   | 3.39  | 5.51  | 0.59 | 0.59 | 3.43  |
| 3/4"         | 20   | 0.79          | 3.88  | 2.75  | 4 | 0.62   | 3.39  | 5.51  | 0.59 | 0.59 | 3.43  |
| 1"           | 25   | 0.98          | 4.25  | 3.12  | 4 | 0.62   | 5.12  | 6.30  | 0.63 | 0.63 | 4.61  |
| 1 1/2"       | 40   | 1.57          | 5.00  | 3.88  | 4 | 0.62   | 5.71  | 7.09  | 0.71 | 0.71 | 5.31  |
| 2"           | 50   | 1.97          | 6.00  | 4.75  | 4 | 0.75   | 7.09  | 7.87  | 0.79 | 0.83 | 6.34  |
| 2 1/2"       | 65   | 2.56          | 7.00  | 5.50  | 4 | 0.75   | 7.87  | 9.45  | 0.87 | 0.91 | 6.50  |
| 3"           | 80   | 3.15          | 7.50  | 6.00  | 4 | 0.75   | 8.07  | 10.24 | 0.87 | 0.91 | 6.61  |
| 4"           | 100  | 3.94          | 9.00  | 7.50  | 8 | 0.75   | 10.43 | 11.81 | 0.94 | 1.02 | 8.27  |
| 5"           | 125  | 4.92          | 10.00 | 8.50  | 8 | 0.88   | 12.99 | 13.78 | 0.94 | 1.02 | 9.65  |
| 6"           | 150  | 5.91          | 11.00 | 9.50  | 8 | 0.88   | 14.57 | 15.75 | 0.98 | 1.06 | 11.02 |
| 8"           | 200  | 7.87          | 13.50 | 11.75 | 8 | 0.88   | 16.73 | 19.69 | 1.18 | 1.30 | 13.11 |

NOTE.

- Nominal size 1/2" is manufacture from 3/4".
- The shape and appearance of assembly differ a little with nominal size compared to this drawing.

|     |                        |                          |   |  |
|-----|------------------------|--------------------------|---|--|
| 9   | BOLT · NUT             | —                        | STAINLESS STEEL (SUS304)  | Used for Size 1"–8"  |
| 8   | O-RING (B)             | 1                        | GASKET SEAT O-RING (A) / O-RING (B)<br>EPDM/EPDM<br>□FKM/FKM<br>□PTFE/PFA <sup>2)</sup> | 1)<br>Used for Size 1/2" & 3/4"<br>2)<br>FKM Covered at PFA  |
| 7   | GASKET (B)             | 1                        |   |  |
| 5   | 5k                     | O-RING (A) <sup>1)</sup> | □HI-PVC<br>□PVDF  | 3)<br>Used for Size 1/2" & 3/4"<br>4)<br>In Case Material is PVDF,<br>Used for Size 2 1/2"–8"<br>5)<br>Used for Size 1"–8" |
|     | 5j                     | SEAT                     |   |  |
|     | 5i                     | NUT (B) <sup>3)</sup>    |   |  |
|     | 5h                     | BOLT (B) <sup>3)</sup>   |   |  |
|     | 5g                     | PIN <sup>4)</sup>        |   |  |
|     | 5f                     | NUT (A) <sup>5)</sup>    |   |  |
|     | 5e                     | WASHER <sup>5)</sup>     |   |  |
| 5d  | ARM <sup>5)</sup>      |                          |   |  |
| 5c  | BOLT (A) <sup>5)</sup> | —                        |   |  |
| 5b  | SEAT HOLDER            | 1                        |   |  |
| 5a  | DISC                   | 1                        |   |  |
| 4   | PLUG                   | 1                        |   |  |
| 3   | SHAFT                  | 1                        |   |  |
| 2   | BONNET                 | 1                        |   |  |
| 1   | BODY                   | 1                        |   |  |
| No. | DESCRIPTION            | QTY.                     | MATERIAL  | REMARKS  |

|                                  |  |             |       |
|----------------------------------|--|-------------|-------|
| ITEM                             | SWING CHECK VALVE ASS'Y<br>ANSI Class150<br>1/2" (15mm) ~ 8" (200mm) |             |       |
| DRAWN                            | M.Yamamoto   | DATE        | SCALE |
| CHECKED                          | H.Kawano   | JAN.23.2013 | ~     |
| APPROVED                         | H.Kouroggi   | DRAWING No. |       |
| SPECIAL ORDER No.                |  | SC-60003AE  | △6    |
| <b>ASAHI YUKIZAI CORPORATION</b> |  |             |       |