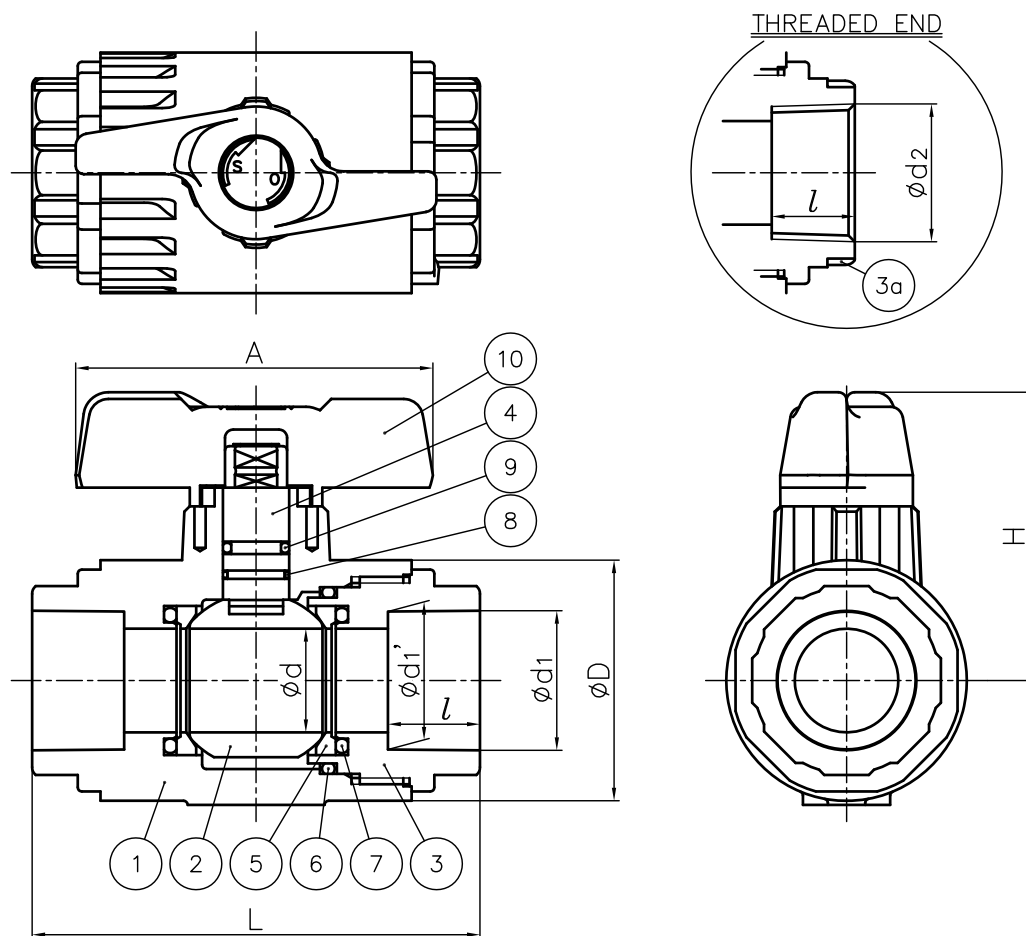


DIMENSIONS TABLE

Unit : inch

| Nominal Size |      | SOCKET END (ASTM SCH40) |                  |      | THREADED END     |      | L    | d    | A    | D    | H    |
|--------------|------|-------------------------|------------------|------|------------------|------|------|------|------|------|------|
|              |      | d <sub>1</sub>          | d <sub>1</sub> ' | l    | d <sub>2</sub>   | l    |      |      |      |      |      |
| 3/8"         | 13mm | 0.687                   | 0.671            | 0.59 | 3/8-18 NPT       | 0.59 | 2.72 | 0.59 | 2.95 | 1.57 | 2.07 |
| 1/2          | 15   | 0.848                   | 0.836            | 0.69 | 1/2-14 NPT       | 0.59 | 3.11 | 0.59 | 2.95 | 1.57 | 2.07 |
| 3/4          | 20   | 1.058                   | 1.046            | 0.72 | 3/4-14 NPT       | 0.67 | 3.70 | 0.79 | 3.43 | 1.93 | 2.46 |
| 1            | 25   | 1.325                   | 1.310            | 0.87 | 1-11 1/2 NPT     | 0.79 | 4.25 | 0.98 | 3.43 | 2.28 | 2.74 |
| 1 1/4        | 32   | 1.670                   | 1.655            | 0.94 | 1 1/4-11 1/2 NPT | 0.87 | 4.76 | 1.22 | 4.13 | 2.68 | 3.21 |
| 1 1/2        | 40   | 1.912                   | 1.894            | 1.09 | 1 1/2-11 1/2 NPT | 0.98 | 5.75 | 1.57 | 5.31 | 3.25 | 3.78 |
| 2            | 50   | 2.387                   | 2.369            | 1.16 | 2-11 1/2 NPT     | 1.10 | 6.89 | 2.01 | 5.31 | 4.09 | 4.23 |

NOTE. The shape and appearance of assembly differ a little with nominal size and material compared to this drawing.



| 3a                | RING                                                                                        | 2                         | STAINLESS STEEL (SUS304)     | used for C-PVC body, threaded: 3/8"~1" |
|-------------------|---------------------------------------------------------------------------------------------|---------------------------|------------------------------|----------------------------------------|
| 10                | HANDLE                                                                                      | 1                         | ABS                          |                                        |
| 9                 | O-RING (E)                                                                                  | 1                         | □EPDM<br>□FKM<br>□Others ( ) |                                        |
| 8                 | O-RING (D)                                                                                  | 1                         |                              |                                        |
| 7                 | O-RING (C)                                                                                  | 2                         |                              |                                        |
| 6                 | O-RING (B)                                                                                  | 1                         |                              |                                        |
| 5                 | SEAT                                                                                        | 2                         | PTFE                         |                                        |
| 4                 | STEM                                                                                        | 1                         |                              |                                        |
| 3                 | END CONNECTOR                                                                               | 1                         | □PVC<br>□C-PVC               |                                        |
| 2                 | BALL                                                                                        | 1                         |                              |                                        |
| 1                 | BODY                                                                                        | 1                         |                              |                                        |
| No.               | DESCRIPTION                                                                                 | QTY.                      | MATERIAL                     | REMARKS                                |
| ITEM              | COMPACT BALL VALVE TYPE27 ASS'Y<br>ANSI : □SOCKET END, □THREADED END<br>3/8"(13mm)~2"(50mm) |                           |                              |                                        |
| DRAWN             | M.Iwakiri                                                                                   | DATE                      | SCALE                        |                                        |
| CHECKED           | H.Kawano                                                                                    | JUL.17.2018               |                              |                                        |
| APPROVED          | K.Koushou                                                                                   | DRAWING No.               |                              |                                        |
|                   |                                                                                             | 27-M1001AE                |                              | 2                                      |
| SPECIAL ORDER No. |                                                                                             | ASAHI YUKIZAI CORPORATION |                              |                                        |