

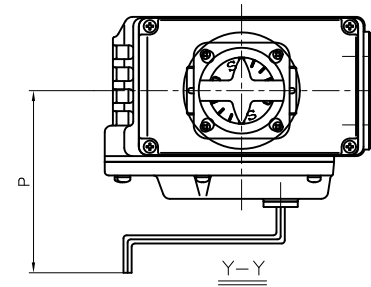
DIMENSIONS TABLE

| NOMINAL SIZE |     | d   | d'   | FLANGED END    |       |   |    |           |     |      |    | SOCKET END (IPS) |         |      |     |            |        |      |     | THREADED END |      |        |          |          |    |           |     |      |
|--------------|-----|-----|------|----------------|-------|---|----|-----------|-----|------|----|------------------|---------|------|-----|------------|--------|------|-----|--------------|------|--------|----------|----------|----|-----------|-----|------|
|              |     |     |      | ANSI Class 150 |       |   |    | L         |     |      |    | ASTM SCH40       |         |      |     | ASTM SCH80 |        |      |     | PP,PVDF      |      |        |          | d2       | l  | L         |     |      |
|              |     |     |      | D              | C     | n | h  | PVC C-PVC | PP  | PVDF | t  | d1               | d1'     | l    | L   | d1         | d1'    | l    | L   | d1           | l    | L (PP) | L (PVDF) |          |    | PVC C-PVC | PP  | PVDF |
| 65mm         | 2½" | 65  | 58   | 178            | 139.5 | 4 | 19 | 259       | 257 | 256  | 18 | -                | -       | -    | -   | 73.381     | 72.847 | 44.5 | 240 | 73.125       | 44.5 | 238    | 237      | 2½-8 NPT | 32 | 215       | 213 | 212  |
| 80           | 3   | 78  | 68.5 | 191            | 152.5 | 4 | 19 | 306       | 305 | 302  | 18 | -                | -       | -    | -   | 89.306     | 88.697 | 47.6 | 283 | 88.392       | 47.6 | 282    | 279      | 3-8 NPT  | 35 | 265       | 264 | 261  |
| 100          | 4   | 100 | 90   | 229            | 190.5 | 8 | 19 | 374       | 374 | 369  | 18 | 114.757          | 114.071 | 50.8 | 352 | -          | -      | -    | -   | 113.792      | 57.2 | 365    | 359      | 4-8 NPT  | 45 | 362       | 362 | 357  |

UNIT: mm

| NOMINAL SIZE | D1  | H   | H1  | A   | A2   | A3 | S     | S1 | S2 | S3 | S4 | S5 | P   | ACTUATOR MODEL |
|--------------|-----|-----|-----|-----|------|----|-------|----|----|----|----|----|-----|----------------|
| 65mm 2½"     | 133 | 280 | 72  | 102 | 53.8 | 85 | 107.5 | 48 | 9  | 6  | 32 | 7  | 128 | T-0            |
| 80 3         | 152 | 289 | 85  | 202 | 53.8 | 85 | 116.5 | 55 | 11 | 7  | 32 | 7  | 128 |                |
| 100 4        | 210 | 327 | 110 | 202 | 53.8 | 85 | 151.5 | 65 | 11 | 8  | 42 | 9  | 128 |                |

Manual operation



| Spec.                    |                                |
|--------------------------|--------------------------------|
| <input type="checkbox"/> | Standard                       |
| <input type="checkbox"/> | With Potentiometer             |
| <input type="checkbox"/> | With Intermediate Limit Switch |
| <input type="checkbox"/> | With Speed Controller          |

NOTE.  
 1. The shape and appearance of assembly differ a little with nominal size compared to this drawing.  
 2. P shows manual operating position.

| No. | DESCRIPTION   | QTY.  | MATERIAL   | REMARKS              |
|-----|---------------|-------|--|----------------------|
| 28  | SCREW (B)     | 2     | STAINLESS STEEL (SUS304)   |                      |
| 27  | BOLT·NUT (B)  | 4sets | STAINLESS STEEL (SUS304)   |                      |
| 26  | BOLT (A)      | 4     | STAINLESS STEEL (SUS304)   |                      |
| 25  | JOINT         | 1     | COPPER ALLOY (C3604)   |                      |
| 24  | STAND         | 1     | PPG  |                      |
| 23  | ACTUATOR      | 1     | ALUMINUM ALLOYS DIE CASTINGS (ADC12) etc.  |                      |
| 13  | STOP RING     | 2     | PVDF   | used for flanged end |
| 12  | O-RING (E)    | 1     |  |                      |
| 11  | O-RING (D)    | 1     | <input type="checkbox"/> EPDM<br><input type="checkbox"/> FKM<br><input type="checkbox"/> Others |                      |
| 10  | CUSHION       | 2     |  |                      |
| 9   | O-RING (B)    | 2     |  |                      |
| 8   | O-RING (A)    | 2     |  |                      |
| 7   | SEAT          | 2     | PTFE   |                      |
| 6   | STEM          | 1     |  |                      |
| 5   | UNION NUT     | 2     | <input type="checkbox"/> PVC<br><input type="checkbox"/> C-PVC                                   |                      |
| 4   | END CONNECTOR | 2     | <input type="checkbox"/> PP<br><input type="checkbox"/> PVDF                                     |                      |
| 3   | CARRIER       | 2     |  |                      |
| 2   | BALL          | 1     |  |                      |
| 1   | BODY          | 1     |  |                      |

|                   |   |             |       |
|-------------------|---|-------------|-------|
| ITEM              | BALL VALVE (TYPE21) ELECTRIC MODEL T TYPE ASS'Y ANSI                |             |       |
|                   | □FLANGED END, □SOCKET END, □THREADED END<br>65mm (2½") ~ 100mm (4") |             |       |
| DRAWN             | N.Ito   | DATE        | SCALE |
|                   |   | JUN.30.2025 | ~     |
| CHECKED           | Y.Sato  | DRAWING No. |       |
| APPROVED          | K.Yoshino   | IB-AE007AEm |       |
| SPECIAL ORDER No. |   |             |       |

ASAHI YUKIZAI CORPORATION

FLANGED END

