



DIMENSIONS TABLE

UNIT : inch

| NOMINAL SIZE | Type | Flow rate (m ³ /hr) | Rangeability | Pressure differential range for function (MPa) | Accuracy in flow rate |
|--------------|------|--------------------------------|--------------|--|-----------------------|
| 1" | 25mm | A | 0.5~2.0 | 4 : 1 | 0.020~0.098 |
| | | B | 0.1~2.0 | 20 : 1 | 0.020~0.098 |
| | | C | 0.2~2.0 | 10 : 1 | 0.029~0.196 |

DIMENSIONS TABLE

UNIT : inch

| NOMINAL SIZE | d | ANSI Class 150 | | | | | L | L ₁ | L ₂ | t | A | B | H | E |
|--------------|------|----------------|------|------|---|------|------|----------------|----------------|------|-------|------|------|------|
| | | D | C | n | h | | | | | | | | | |
| 1" | 25mm | 0.98 | 4.25 | 3.12 | 4 | 0.62 | 6.30 | 1.58 | 4.72 | 0.55 | 10.71 | 7.91 | 8.58 | 5.91 |

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

| 29 | INDICATOR | 1Sets | ABS etc. | |
|-----|-------------|-------|------------------------|---------------|
| 28 | SCREW | 4 | COPPER ALLOY C3604 | |
| 27 | HAND WHEEL | 1 | PP | |
| 23 | WASHER (B) | 1 | PVC | |
| 21 | SPRING (B) | 1 | STAINLESS STEEL SUS304 | PCTFE COATING |
| 20 | SPRING (A) | 1 | STAINLESS STEEL SUS304 | PCTFE COATING |
| 19 | THRUST RING | 1 | PP | |
| 16 | KEY | 2 | PVC | |
| 15 | CAP | 1 | PVC | |
| 14 | SLEEVE | 1 | COPPER ALLOY C3604 | |
| 13 | O-RING (D) | 1 | EPDM | |
| 12 | O-RING (C) | 1 | EPDM | |
| 10 | O-RING (A) | 2 | □EPDM □Others | |
| 9 | SEAT | 1 | () | |
| 8 | ORIFICE | 1 | PVC | |
| 7 | STOP RING | 1 | PVDF | |
| 6 | SPRING BASE | 1 | PVC | |
| 5 | PLUG | 1 | PVC | |
| 4 | PISTON | 1 | PVC | |
| 3 | CYLINDER | 1 | PVC | |
| 2 | BONNET | 1 | PVC | |
| 1 | BODY | 1 | PVC | |
| No. | DESCRIPTION | QTY. | MATERIAL | REMARKS |

| ITEM | CONSTANT FLOW VALVE ASS'Y TYPE A,B,C ANSI Class 150 1" (25mm) | | |
|----------------------------------|--|---------------------------|-------|
| DRAWN | M.Iwakiri | DATE | SCALE |
| CHECKED | H.Kawano | AUG.24.2018 | ~ |
| APPROVED | K.Koushou | DRAWING No. FC-60004AE | |
| SPECIAL ORDER No. | | | |
| ASAHI YUKIZAI CORPORATION | | | |