



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

| Nominal dia | d | d1 | L1 | D | Flange | | | | Height (approx.) (Fully opened) H | Lift l | Handwheel D2 | Body | | | | Ht of bonnet H2 | Stem | | | Between faces of hexagon S2 S3 | WEIGHT (kg) | | | | |
|-------------|----|----|----|-----|-----------------|-----|----|-----------------------------|---|-----------|-----------------|------|----|----|----|--------------------|------|----|----|---|----------------|----|---------|----|------|
| | | | | | Bolt holes | | | Nominal dia of bolt t | | | | d2 | a | H1 | D1 | | d4 | d5 | d6 | | | S | | | |
| | | | | | P.C dia C | No. | h | | | | | | | | | | | | | | | | Threads | | |
| 15 | 15 | 15 | 55 | 80 | 60 | 4 | 12 | M10 | 9 | 145 | 10 | 80 | 42 | 3 | 45 | M45x2 | 32 | 43 | 10 | TW14 | 8 | 17 | 55 | 32 | 2.15 |
| 20 | 20 | 20 | 60 | 85 | 65 | 4 | 12 | M10 | 10 | 155 | 12 | 100 | 48 | 4 | 48 | M48x2 | 35 | 47 | 12 | TW16 | 10 | 19 | 55 | 36 | 2.94 |
| 25 | 25 | 25 | 65 | 95 | 75 | 4 | 12 | M10 | 10 | 175 | 14 | 125 | 54 | 4 | 54 | M52x2 | 38 | 54 | 13 | TW18 | 10 | 21 | 60 | 36 | 3.82 |
| 32 | 32 | 32 | 80 | 115 | 90 | 4 | 15 | M12 | 12 | 175 | 17 | 125 | 64 | 4 | 52 | M60x2 | 42 | 56 | 13 | TW18 | 10 | 21 | 70 | 36 | 4.99 |
| 40 | 40 | 40 | 85 | 120 | 95 | 4 | 15 | M12 | 12 | 190 | 20 | 140 | 75 | 5 | 56 | M68x2 | 50 | 59 | 15 | TW20 | 12 | 23 | 80 | 41 | 6.40 |

■ HYDRAULIC INSPECTION ■

| | | |
|---|------|-------------|
| TEST PRESSURE MPa (kgf/cm ²) | BODY | 1.04 [10.5] |
| | SEAT | 0.76 [7.7] |

■ PRESSURE RATING ■

| | |
|-----------------------------------|---|
| FLUID CONDITION | MAX. WORKING PRESSURE MPa (kgf/cm ²) |
| STEAM OF 205°C OR LESS | 0.49 [5] |
| AIR, GAS, OIL AND PULSATION WATER | |
| NON-SHOCK WATER OF 120°C OR LESS | 0.69 [7] |

| | | | | |
|----|------------------|--------------|------|--|
| 16 | SEAT RING | C3771BD | 1 | |
| 15 | NAME PLATE | C2801P | 1 | |
| 14 | GASKET | NON-ASBESTOS | 1 | |
| 13 | PACKING | NON-ASBESTOS | 1set | |
| 12 | DISC LOCK WASHER | C2600P | 1 | |
| 11 | SPLIT PIN | C2600W | 1 | |
| 10 | HEXAGON NUT | C3771BD | 1 | |
| 9 | HANDWHEEL | FC200 | 1 | |
| 8 | STEM | C3771BD | 1 | |
| 7 | GLAND NUT | C3771BD | 1 | |
| 6 | PACKING GLAND | C3771BD | 1 | |
| 5 | DISC NUT | C3771BD | 1 | |
| 4 | DISC | BC6 | 1 | |
| 3 | BONNET NUT | C3771BD | 1 | |
| 2 | BONNET | BC6 | 1 | |
| 1 | BODY | BC6 | 1 | |

| NO. | NAME OF PART | MATERIAL | Q'TY | REMARK | |
|-----|--------------|-----------------------|--------|--------|-------|
| REV | DATE | DESCRIPTION OF REASON | DRAW'G | CHK'D | APP'D |

| | | | | | |
|-------------|--|---------|-----------------|-----------|---|
| DESCRIPTION | JIS F7347 CAST BRONZE 5kgf/cm ² ANGLE VALVES (UB TYPE) | | | | |
| DRAW'G | CHK'D | APP'D | SCALE | NON | |
| H.J.YUN | S.M.BAB | S.M.BAB | UNIT | (mm) inch | |
| | | | PROJECT | | |
| DATE | 06.11.16 | DWG NO. | KS-BC-AGUB-1-A1 | REV | 0 |