



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

| Nominal dia. | d | d1 | L1 | D | Flange | | | | Ht.(approx.) (fully opened) | Lift l | Handwheel D2 | Body | | | Bonnet | | Stem | | | Between faces | WEIGHT (kg) | | | | | |
|--------------|----|----|----|-----|------------------|----|----|-------------------------|--------------------------------|-----------|-----------------|------|----|---|--------|-------|------|----|----|------------------|----------------|----|----|----|------|----|
| | | | | | Bolt hole | | | Nominal dia. of bolt | | | | t | d2 | a | H1 | d4 | D1 | H2 | d5 | | | d6 | S | d7 | S2 | S3 |
| | | | | | P.C dia. C | No | h | | | | | | | | | | | | | | | | | | | |
| 15 | 15 | 20 | 55 | 80 | 60 | 4 | 12 | M10 | 9 | 120 | 4 | 80 | 44 | 3 | 37 | M36x2 | 45 | 33 | 10 | TW14 | 8 | 17 | 32 | 32 | 1.92 | |
| 20 | 20 | 25 | 60 | 85 | 65 | 4 | 12 | M10 | 10 | 125 | 5 | 100 | 48 | 4 | 40 | M42x2 | 52 | 36 | 12 | TW16 | 10 | 19 | 36 | 36 | 2.64 | |
| 25 | 25 | 30 | 65 | 95 | 75 | 4 | 12 | M10 | 10 | 140 | 6 | 125 | 55 | 4 | 44 | M42x2 | 52 | 43 | 13 | TW18 | 10 | 21 | 36 | 36 | 3.30 | |
| 32 | 32 | 37 | 80 | 115 | 90 | 4 | 15 | M12 | 12 | 145 | 8 | 125 | 66 | 4 | 41 | M52x2 | 65 | 48 | 13 | TW18 | 10 | 21 | 41 | 36 | 4.63 | |
| 40 | 40 | 45 | 85 | 120 | 95 | 4 | 15 | M12 | 12 | 160 | 10 | 140 | 78 | 5 | 45 | M58x2 | 70 | 53 | 15 | TW20 | 12 | 23 | 41 | 41 | 5.81 | |

■ HYDRAULIC INSPECTION ■

| | | | |
|---|------|--------|---------------------------|
| TEST PRESSURE MPa (kgf/cm ²) | BODY | | 1.03 (10.5) |
| | SEAT | INLET | 0.76 (7.7) |
| | | OUTLET | 0.76 (7.7) to 0.39 (4) |

■ PRESSURE RATING ■

| | |
|-----------------------------------|--|
| FLUID CONDITION | MAXIMUM 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) |

| | | | | |
|----|---------------|--------------|------|--|
| 14 | SEAT RING | C3771BD | 1 | |
| 13 | NAME PLATE | C2801P | 1 | |
| 12 | PACKING | NON-ASBESTOS | 1set | |
| 11 | LOCK PLATE | C2600P | 1 | |
| 10 | SPLIT PIN | C2600W | 1 | |
| 9 | HEXAGON NUT | C3604BD | 1 | |
| 8 | HANDWHEEL | FC200 | 1 | |
| 7 | SET SCREW | C2700W | 2 | |
| 6 | STEM | C3771BD | 1 | |
| 5 | GLAND NUT | C3771BD | 1 | |
| 4 | PACKING GLAND | C3771BD | 1 | |
| 3 | DISC | BC6 | 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 F7352 CAST BROZE 5kgf/cm ² SCREW-DOWN CHECK ANGLE VALVES | | | | |
| DRAW'G | CHK'D | APP'D | SCALE | NON | |
| H.J.YUN | S.M.BAB | S.M.BAB | UNIT | (mm) inch | |
| | | | PROJECT | | |
| DATE | 06.12.04 | DWG NO. | KS-BC-AGCH-1-A1 | REV | 0 |

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