



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

| Nominal dia. | d | d1 | L | Flange | | | | | | | | Ht.(approx.) (fully opened) | Lift | Handwheel D2 | Body | | | | | Bonnet | | Stem | | | Stuffing box | Between faces | | WEIGHT (kg) |
|--------------|----|----|-----|------------------|-----|---|-------------------------|-----|----|-----|----|--------------------------------|------|-----------------|------|----|-------|----|----|--------|------|------|----|----|-----------------|------------------|---------|----------------|
| | | | | Bolt hole | | | Nominal dia. of bolt | t | d2 | a | R | | | | H1 | d4 | D1 | H2 | d5 | d6 | S | d7 | S2 | S3 | | | | |
| | | | | P.C dia. C | No | h | | | | | | | | | | | | | | | | | | | | Threads | Threads | |
| 15 | 15 | 20 | 110 | 95 | 70 | 4 | 15 | M12 | 12 | 130 | 4 | 80 | 40 | 4 | 40 | 47 | M36x2 | 45 | 33 | 10 | TW14 | 8 | 17 | 32 | 32 | 2.70 | | |
| 20 | 20 | 25 | 120 | 100 | 75 | 4 | 15 | M12 | 14 | 140 | 5 | 100 | 48 | 4 | 48 | 53 | M42x2 | 52 | 36 | 12 | TW16 | 10 | 19 | 36 | 36 | 3.63 | | |
| 25 | 25 | 30 | 130 | 125 | 90 | 4 | 19 | M16 | 14 | 155 | 6 | 125 | 55 | 4 | 55 | 59 | M42x2 | 52 | 43 | 13 | TW18 | 10 | 21 | 36 | 36 | 5.09 | | |
| 32 | 32 | 37 | 160 | 135 | 100 | 4 | 19 | M16 | 16 | 165 | 8 | 125 | 68 | 5 | 68 | 61 | M52x2 | 65 | 48 | 13 | TW18 | 10 | 21 | 41 | 36 | 6.77 | | |
| 40 | 40 | 45 | 180 | 140 | 105 | 4 | 19 | M16 | 16 | 185 | 10 | 140 | 82 | 6 | 82 | 69 | M58x2 | 70 | 53 | 15 | TW20 | 12 | 23 | 41 | 41 | 8.25 | | |

■ HYDRAULIC INSPECTION ■

| | | BODY | 3.23 [33] |
|---|------|--------|-----------------------------|
| TEST PRESSURE MPa (kgf/cm ²) | SEAT | INLET | 2.37 [24.2] |
| | | OUTLET | 2.37 [24.2] to 0.39[4] |

■ PRESSURE RATING ■

| FLUID CONDITION | MAXIMUM WORKING PRESSURE MPa (kgf/cm ²) |
|-----------------------------------|--|
| STEAM OF 205°C OR LESS | 1.57 [16] |
| AIR, GAS, OIL AND PULSATION WATER | |
| NON-SHOCK WATER OF 120°C OR LESS | 2.16 [22] |

| | | | | |
|----|--------------------|--------------|------|--|
| 14 | PACKING BUSH | C3771BD | 1 | |
| 13 | NAME PLATE | C2801P | 1 | |
| 12 | PACKING | NON-ASBESTOS | 1set | |
| 11 | BONNET LOCK WASHER | 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 F7409 CAST BRONZE 16kgf/cm ² SCREW-DOWN CHECK GLOBE VALVES | | | | |
|-------------|--|--|--|--|--|

| | | | | |
|--------|-------|-------|-------|-----|
| 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-GLCH-3-A1 | REV 0 |
|------|----------|---------|-----------------|-------|


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