



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

| Nominal dia. | d  | d1 | L   | Flange |                  |     |                         |     |    |     |    | Height<br>(fully opened)<br>H | Lift<br>I | Handwheel<br>D2 | Body |    |       |    |    | Bonnet |      | Stem |    | Between<br>faces of<br>hexagon |    | WEIGHT<br>(kg) |
|--------------|----|----|-----|--------|------------------|-----|-------------------------|-----|----|-----|----|-------------------------------|-----------|-----------------|------|----|-------|----|----|--------|------|------|----|--------------------------------|----|----------------|
|              |    |    |     | D      | Bolt hole        |     | Nominal dia.<br>of bolt | t   | d2 | H1  | a  |                               |           |                 | R    | d4 | D1    | H2 | d5 | d6     | S    | d7   | S2 | S3                             |    |                |
|              |    |    |     |        | P.C<br>dia.<br>C | No. |                         |     |    |     |    |                               |           |                 |      |    |       |    |    |        |      |      |    |                                | h  |                |
| 15           | 15 | 20 | 110 | 95     | 70               | 4   | 15                      | M12 | 12 | 135 | 5  | 80                            | 40        | 47              | 4    | 40 | M36x2 | 45 | 33 | 10     | TW14 | 8    | 17 | 32                             | 32 | 2.86           |
| 20           | 20 | 25 | 120 | 100    | 75               | 4   | 15                      | M12 | 14 | 145 | 6  | 100                           | 48        | 53              | 4    | 48 | M42x2 | 52 | 36 | 12     | TW16 | 10   | 19 | 36                             | 36 | 3.82           |
| 25           | 25 | 30 | 130 | 125    | 90               | 4   | 19                      | M16 | 14 | 165 | 8  | 125                           | 55        | 59              | 4    | 55 | M42x2 | 52 | 43 | 13     | TW18 | 10   | 21 | 36                             | 36 | 5.35           |
| 32           | 32 | 37 | 160 | 135    | 100              | 4   | 19                      | M16 | 16 | 175 | 11 | 125                           | 68        | 61              | 5    | 68 | M52x2 | 65 | 48 | 13     | TW18 | 10   | 21 | 41                             | 36 | 7.06           |
| 40           | 40 | 45 | 180 | 140    | 105              | 4   | 19                      | M16 | 16 | 195 | 14 | 140                           | 82        | 69              | 6    | 82 | M58x2 | 70 | 53 | 15     | TW20 | 12   | 23 | 41                             | 41 | 8.63           |

■ HYDRAULIC INSPECTION ■

|   |      |             |
|---|------|-------------|
| TEST PRESSURE<br>MPa (kgf/cm <sup>2</sup> ) | BODY | 2.35 [ 24 ] |
|   | SEAT | 1.72 [17.6] |

■ PRESSURE RATING ■

|  |  |
|--|--|
| FLUID CONDITION  | MAXIMUM WORKING PRESSURE<br>MPa (kgf/cm <sup>2</sup> ) |
| SET WATER, BILGE, COMPRESSED AIR<br>AND SATURATED VAPOUR | 1.57 [16]  |

|    |                         |              |      |  |
|----|-------------------------|--------------|------|--|
| 18 | SET SCREW               | C2700W       | 1    |  |
| 17 | OPENING INDICATOR PLATE | C2801P       | 1    |  |
| 16 | OPENING INDICATOR       | C3771BD      | 1    |  |
| 15 | NAME PLATE              | C2801P       | 1    |  |
| 14 | PACKING                 | NON-ASBESTOS | 1set |  |
| 13 | DISC LOCK WASHER        | C2600P       | 1    |  |
| 12 | BONNET LOCK WASHER      | C2600P       | 1    |  |
| 11 | SPLIT PIN               | C2600W       | 1    |  |
| 10 | HEXAGON NUT             | C3604BD      | 1    |  |
| 9  | HANDWHEEL               | FC200        | 1    |  |
| 8  | SET SCREW               | C2700W       | 2    |  |
| 7  | STEM                    | C3771BD      | 1    |  |
| 6  | GLAND NUT               | C3771BD      | 1    |  |
| 5  | PACKING GLAND           | C3771BD      | 1    |  |
| 4  | DISC NUT                | 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 F7403 CAST BRONZE 16kgf/cm<sup>2</sup>  
HULL GLOBE VALVE

|        |       |       |       |     |
|--------|-------|-------|-------|-----|
| 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-HUGL-3-A2 | REV 0 |
|------|----------|---------|-----------------|-------|

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