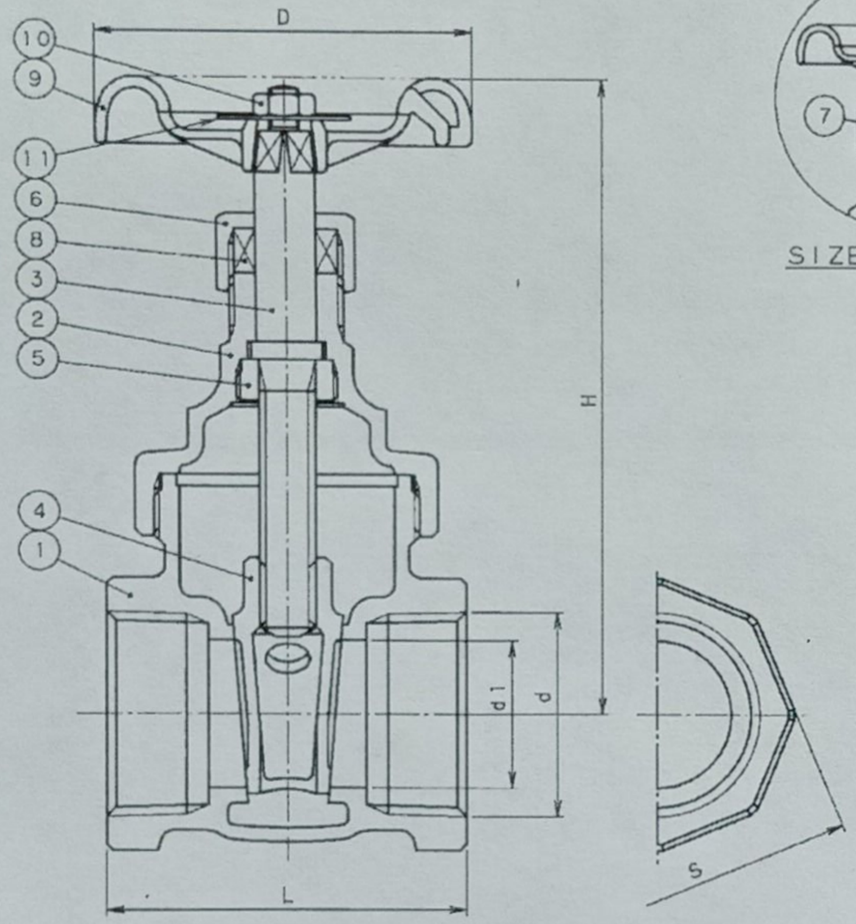



SIZES 1½ & 2

PROJECT:
OWNER:
ENGINEER:
CONTRACTOR:

# TOYO Figure 206A

NOTE:
* DR Alloy denotes patented Dezincification-Resistant Copper Alloy.

| No. | PART | MATERIAL(ASTM) | NOTE |
|---|---|---|---|
| 11 | NAME PLATE | ALUMINIUM | |
| 10 | WHEEL NUT | A307-B | Zinc-Plated |
| 9 | HAND WHEEL | B86-AG40A | SIZES ¼ to ¾ |
| | | B85-SC114A | SIZES 1 to 2 |
| 8 | GLAND PACKING | Non-asbestos packing | |
| 7 | GLAND | B16 | SIZES 1½ & 2 |
| 6 | PACKING NUT | B283-C37700 | |
| 5 | LOCK NUT | B16 | |
| 4 | DISC | DR Alloy * | SIZES ¼ to 1½ |
| | | B62-C83600 | SIZES ¾ to 2 |
| 3 | STEM | DR Alloy * | |
| 2 | BONNET | B62-C83600 | |
| 1 | BODY | B62-C83600 | |

| CONNECTION | CLASS 125 |
|---|---|
| ASME B1.20.1 | CAST BRONZE |
| FACE TO FACE or END TO END | SCREWED END GATE VALVE |
| Toyo's Spec. | NON-RISING STEM, SOLID WEDGE DISC |
| TRIM DESIGNATION | |

DIMENSIONS UNIT: mm

| SIZE mm | SIZE Inch | d | d1 | H | L | D | S | MASS (Kg) | Q'ty |
|---|---|---|---|---|---|---|---|---|---|
| 8 | ¼ | NPT ¼ | 10 | 75 | 42 | 48 | 24 | 0.26 | |
| 10 | ⅜ | NPT ⅜ | 10 | 75 | 42 | 48 | 24 | 0.25 | |
| 15 | ½ | NPT ½ | 13 | 81 | 45 | 48 | 28 | 0.30 | |
| 20 | ¾ | NPT ¾ | 19 | 90 | 50 | 55 | 34 | 0.40 | |
| 25 | 1 | NPT 1 | 24 | 106 | 57 | 63 | 41 | 0.60 | |
| 32 | 1¼ | NPT 1¼ | 31 | 119 | 61 | 70 | 50 | 0.82 | |
| 40 | 1½ | NPT 1½ | 37 | 135 | 67 | 80 | 57 | 1.10 | |
| 50 | 2 | NPT 2 | 49 | 159 | 74 | 90 | 70 | 1.73 | |

RED
WHITE
TOYO

1
125S
200WOG

BODY MARKING

| APP'D | K. Kobayashi | TEST PRESSURE | | | VALVE CODE |
|---|---|---|---|---|---|
| CHK'D | | | SHELL | SEAT | 125E-BS-N NPT |
| CHK'D | N. Kasai | HYDRO STATIC | 2.1 MPa {300 psi} | MPa { psi} | FIG. No. |
| PREP'D | H. Komatsu | | | | 206A |
| SCALE | NON | AIR | 0.6 MPa {80 psi} | 0.6 MPa {80 psi} | DRAWING No. |
| DATE | OCT. 2.'06 | | | | 05AA6626C ⚠1 |

| REVISION | | | | | | |
|---|---|---|---|---|---|---|
| MARK | DATE | PREP'D | CHK'D | APP'D | DESCRIPTION | |
| ⚠1 | JAN.22.'07 | H. Komatsu | | K. Kobayashi | Fig No. | |
| ⚠2 | | | | | | |
| ⚠3 | | | | | | |
| ⚠4 | | | | | | |

TOYO Toyo Valve Co., Ltd.

Form-BE-0035