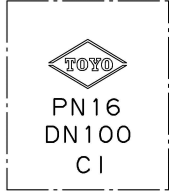


**RED-WHITE**  
  
 FIG.:501B  
 PN16 BS EN 1171  
 C1  
 EN-GJL-200  
 TRIM B/CR13  
 16bar/-10 TO 120°C  
 12.8bar/200°C  
 FTF-BASIC SERIES 3  
 NON-RISING GATE VALVE

MARKING ON THE PLATE No.16B

DIMENSIONS UNIT: mm

| SIZE | d    | L   | H   | D1  | FLANGE |     |    |    |     |     |    |   |  |  |
|------|------|-----|-----|-----|--------|-----|----|----|-----|-----|----|---|--|--|
|      |      |     |     |     | D      | C   | N  | h  | G   | g   | T  | f |  |  |
| 50   | 50   | 178 | 278 | 180 | 165    | 125 | 4  | 19 | M16 | 99  | 20 | 2 |  |  |
| 65   | 63.5 | 190 | 311 | 180 | 185    | 145 | 4  | 19 | M16 | 118 | 20 | 2 |  |  |
| 80   | 78   | 203 | 339 | 180 | 200    | 160 | 8  | 19 | M16 | 132 | 22 | 2 |  |  |
| 100  | 100  | 229 | 393 | 200 | 220    | 180 | 8  | 19 | M16 | 156 | 24 | 2 |  |  |
| 125  | 125  | 254 | 454 | 250 | 250    | 210 | 8  | 19 | M16 | 184 | 26 | 2 |  |  |
| 150  | 150  | 267 | 501 | 280 | 285    | 240 | 8  | 23 | M20 | 211 | 26 | 2 |  |  |
| 200  | 200  | 292 | 592 | 300 | 340    | 295 | 12 | 23 | M20 | 266 | 30 | 2 |  |  |



BODY MARKING

| No. | PART           | MATERIAL          | NOTE |
|-----|----------------|-------------------|------|
| 66  | DISC SEAT RING | ASTM B62          |      |
| 64  | STEM NUT       | CAST BRASS        |      |
| 36  | GLAND BOLT     | CARBON STEEL      |      |
| 35  | BONNET BOLT    | CARBON STEEL      |      |
| 34  | GLAND NUT      | CARBON STEEL      |      |
| 33  | BONNET NUT     | CARBON STEEL      |      |
| 30  | BODY SEAT RING | ASTM B62          |      |
| 19B | GASKET         | GRAPHITE          |      |
| 19A | GASKET         | GRAPHITE          |      |
| 16B | PLATE          | ALUMINUM PLATE    |      |
| 16A | WASHER         | CARBON STEEL      |      |
| 15  | STUFFING BOX   | EN-GJL-200        |      |
| 10  | WHEEL NUT      | CARBON STEEL      |      |
| 9   | HAND WHEEL     | DUCTILE IRON      |      |
| 8   | GLAND PACKING  | GRAPHITE          |      |
| 7   | GLAND          | DUCTILE IRON      |      |
| 4   | DISC           | EN-GJL-200        |      |
| 3   | STEM           | ASTM A276 TYPE420 |      |
| 2   | BONNET         | EN-GJL-200        |      |
| 1   | BODY           | EN-GJL-200        |      |

|   |   |
|---|---|
| FACE TO FACE OR END TO END<br>BS EN 558<br>Basic Series 3 | <b>EN1171 PN16</b><br><br><b>CAST IRON</b><br><br><b>FLANGED GATE VALVE</b><br><br>INSIDE SCREW ,NON-RISING STEM<br>TRIM:B/CR13 |
| END CONNECTION<br>BS EN 1092-2 PN16                       |   |
| WALL THICKNESS<br>MAKER'S STANDARD                        |   |
| PRESSURE TEST<br>BS EN 12266-1                            |   |

|                   |             |                   |
|-------------------|-------------|-------------------|
| APP'D A.Tsushima  | VALVE CODE  | FIG.No.           |
| CHK'D H.Komatsu   | EN16-FSF    | 501B              |
| CHK'D N.Kasai     | DRAWING No. | △<br>MARK DATE BY |
| PREP'D Y.Ushiyama | 14A30089    |                   |
| DATE JAN.12.'11   |             |                   |

**Toyo Valve Co., Ltd.**