

## DUCTILE IRON RESILIENT SEAT GATE VALVE (TYPE B)

### SPECIFICATION

NON-RISING STEM, INSIDE SCREW  
BS 5163 – TYPE B DESIGN, FLANGED TO BS 4504 PN16

### PRESSURE / TEMPERATURE RATINGS

|                     |                                 |
|---------------------|---------------------------------|
| Working Pressure    | 16 bar                          |
| Testing Pressure    | Shell: 24 bar<br>Seat: 17.6 bar |
| Working Temperature | -10°C to 110°C (EPDM Coated)    |
| Suitable Media      | Water & Oil                     |

### MATERIALS

| Part      | Material                      | BS            |
|-----------|-------------------------------|---------------|
| Body      | Ductile Iron                  | 2789 Gr.500/7 |
| Bonnet    | Ductile Iron                  | 2789 Gr.500/7 |
| Disc      | Ductile Iron with EPDM coated | 2789 Gr.500/7 |
| Stem      | Stainless Steel 431           | 970 431S29    |
| O-Ring    | EPDM                          |               |
| Handwheel | Ductile Iron                  | 2789 Gr.500/7 |

### DIMENSIONS

Unit: mm

| Size | L   | H   | D   |
|------|-----|-----|-----|
| 50   | 178 | 250 | 160 |
| 65   | 190 | 280 | 160 |
| 80   | 203 | 330 | 200 |
| 100  | 229 | 360 | 200 |
| 125  | 254 | 415 | 250 |
| 150  | 267 | 460 | 250 |
| 200  | 292 | 572 | 280 |
| 250  | 330 | 605 | 320 |
| 300  | 356 | 685 | 350 |

Note:

1. JIS10K, ANSI150# or PN10 flange standard are available upon request.
2. Design and specifications are subject to change without prior notice.

**DRGV-B**  
(Type B)  
**PN16**  
DN50~DN300

