

OS & Y RESILIENT WEDGE GATE VALVE

SPECIFICATION

- Design to **AWWA C515**.
- Valve shall be pressure rate to 250PSI (17.6 bar).
- Flanged to BS 4504 PN16, JIS10K, ANSI #150(250PSI).
- Outside Stem and Yoke Resilient Wedge Gate Valve are available in sizes (65~350mm).
- The valve body is fusion bonded powder coated Ductile iron and is operated by a handwheel.
- The resilient wedge disc design offers positive seating and resistance against high differ-ential pressure.
- Fig.224 is best suited for service in either the fully open or closed position. It is also suitable for use as a throttling valve.
- This series is recommended for fire main shutoff and distribution service.

PRESSURE/TEMPERATURE RATINGS

| | |
|---------------------|---------------------------------|
| Working pressure | 250PSI |
| Testing Pressure | Shell: 375 PSI Seat: 250 PSI |
| Working temperature | EPDM ≤120°C |
| Suitable Media | Oil & Gas |

MATERIALS

| Part | Material | ASTM |
|------------------|-------------------------|----------------------|
| Body/bonnet | Ductile Iron | A536 65-45-12 |
| Seats and Wedges | Ductile Iron | A536 65-45-12+(EPDM) |
| Stem/bolt/nut | Stainless steel | F593 304 |
| O-Ring | NBR | Nitrile |
| Handwheel | Ductile Iron | A536 65-45-12 |
| Painting | Red Epoxy Power Coating | |

DIMENSIONS

| Nominal Size mm | L mm | H mm | D1 mm |
|--------------------|---------|---------|----------|
| 50 | 178 | 365 | 152 |
| 65 | 190 | 392 | 152 |
| 80 | 203 | 468 | 177 |
| 100 | 228 | 536 | 254 |
| 150 | 266 | 746 | 304 |
| 200 | 292 | 900 | 355 |
| 250 | 330 | 1151 | 406 |
| 300 | 355 | 1334 | 406 |
| 350 | 381 | 1495 | 406 |

Fig. 224

Class150(250PSI)

DN 50-350

