



**Fig. 5220**

## **RESILIENT SEATED GATE VALVE, OS&Y GROOVED / FLANGED ENDS, 200PSI**

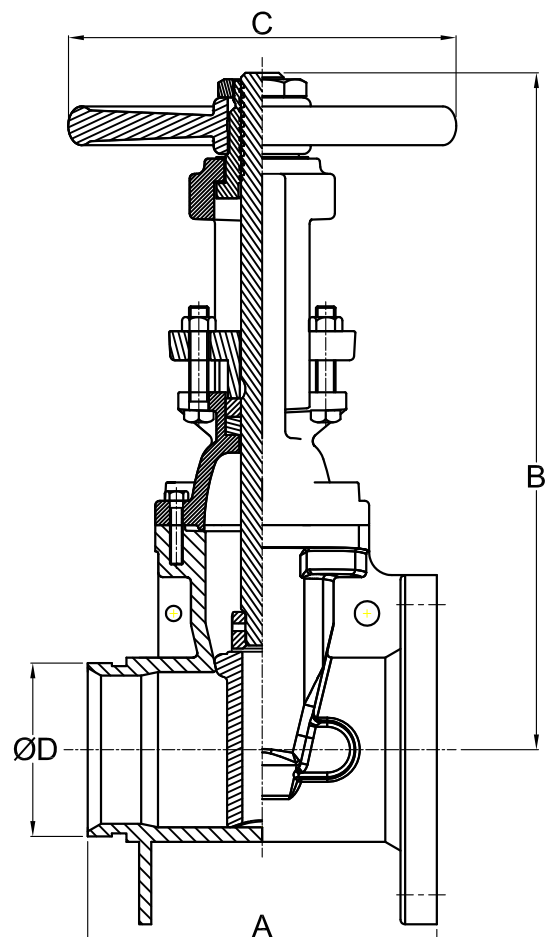
### Features & Benefits

- Fire Protection Valve. UL listed. FM approved.
- Valves comply with AWWA C515.
- Working pressure 200PSI. Cold water pressure (Max. temp 63° C).
- Flanged ends to ANSI B16.1 Class 125, Grooves conform to ANSI / AWWA C606 for steel pipe.
- Application: Fire protection / Air condition / Plumbing.
- Epoxy coated interior and exterior to AWWA C550.



### Material List

| Part Name        | Material                      | ASTM SPEC.    |
|------------------|-------------------------------|---------------|
| Body             | Ductile Iron                  | A536 65-45-12 |
| Wedge            | Ductile Iron coated with EPDM |               |
| Wedge Nut        | Stainless Steel               | AISI 201      |
| Bonnet           | Ductile Iron                  | A536 65-45-12 |
| Packing          | Graphite Packing              |               |
| Bonnet Bolt      | Stainless Steel               | AISI 304      |
| Gland Flange     | Ductile Iron                  | A536 65-45-12 |
| Square Head Bolt | Stainless Steel               | AISI 304      |
| Stem             | Stainless Steel               | AISI 304      |
|                  | Brass                         | ASTM B16      |
| Yoke Sleeve      | Cast Bronze                   | ASTM B62      |
| Hand Wheel       | Cast Iron                     | ASTM A126-B   |
| Wheel Nut        | Ductile Iron                  | A536 65-45-12 |
| Rubber Gasket    | EPDM                          | Commercial    |
| Hexagon Nut      | Stainless Steel               | AISI 304      |



### Dimensions (mm / Inch)

| Valve Size | 65mm / 2-1/2" |        | 80mm / 3" |        | 100mm / 4" |        | 150mm / 6" |        | 200mm / 8" |        | 250mm / 10" |        | 300mm / 12" |        |
|------------|---------------|--------|-----------|--------|------------|--------|------------|--------|------------|--------|-------------|--------|-------------|--------|
|            | mm            | Inch   | mm        | Inch   | mm         | Inch   | mm         | Inch   | mm         | Inch   | mm          | Inch   | mm          | Inch   |
| A          | 190.5         | 7-1/2  | 203.2     | 8      | 228.6      | 9      | 266.7      | 10-1/2 | 292.1      | 11-1/2 | 330.2       | 13     | 355.6       | 14     |
| B(Open)    | 395           | 15-1/2 | 496       | 19-1/2 | 553        | 21-3/4 | 750        | 29-1/2 | 946        | 37-1/4 | 1118        | 44     | 1327        | 52-1/4 |
| B(Close)   | 330           | 13     | 406       | 16     | 448        | 17-3/4 | 590        | 24-1/4 | 736        | 29     | 857         | 33-3/4 | 1016        | 40     |
| C          | 178           | 7      | 203       | 8      | 254        | 10     | 304.8      | 12     | 355.6      | 14     | 406.4       | 16     | 457.2       | 18     |
|            |               |        |           |        |            |        | 165.1      | 6-1/2  |            |        |             |        |             |        |
| D          | 73            | 2-7/8  | 88.9      | 3-1/2  | 114.3      | 4-1/2  | 168.3      | 6-5/8  | 219.1      | 8-5/8  | 273         | 10-3/4 | 323.9       | 12-3/4 |
|            |               |        |           |        |            |        |            |        |            |        |             |        |             |        |

Note: Design and materials are subject to change without notice.  
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