

**AMERICAN AVK RESILIENT SEATED GATE VALVE**  
**250 PSI, Tested to AWWA C515 (NRS)**  
**Flanged Ends to ASME B16.42 Class 150 - Valve Size 36"**

**55/FFN36**  
**FLxFL**

Use:  
For water and neutral liquids to maximum 160°F.

Tests:  
Hydraulic test to AWWA C515:  
Shell Test: 500 PSI  
Seat Test: 250 PSI  
Operating Torque Test

Optional Materials:

|              |                                                    |
|--------------|----------------------------------------------------|
| Stem         | Bronze                                             |
| Bonnet Bolts | Stainless Steel - 316<br>bolt sealed with hot melt |
| Gland Bolts, | Stainless Steel - 316                              |

Options:  
Handwheel, Electric Actuator, Bevel Gear, Spur Gear

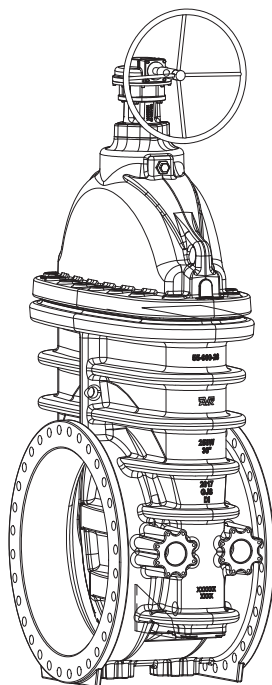
Approvals:

Certified to: ANSI/NSF 61, ANSI/NSF 372



Standard Materials:

|                                                                          |                                                                                       |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Body, Bonnet,<br>Gland Flange                                            | Ductile iron ASTM A536                                                                |
| Coating                                                                  | Electrostatically applied fusion-<br>bonded epoxy-resin<br>Meets or exceeds AWWA C550 |
| Stem                                                                     | Standard: Stainless steel ASTM A276                                                   |
| Wedge                                                                    | Ductile iron ASTM A536<br>encapsulated with EPDM-rubber<br>compound                   |
| Wedge Nut,<br>Thrust Collar                                              | Bronze                                                                                |
| Bonnet Bolts,<br>Gland Bolts                                             | Stainless Steel -304 sealed with hot<br>melt                                          |
| Bonnet Gasket,<br>Wiper Ring,<br>O-Ring Stem Seals,<br>O-Ring Gland Seal | ASTM D2000 Buna "N" nitrile<br>rubber                                                 |

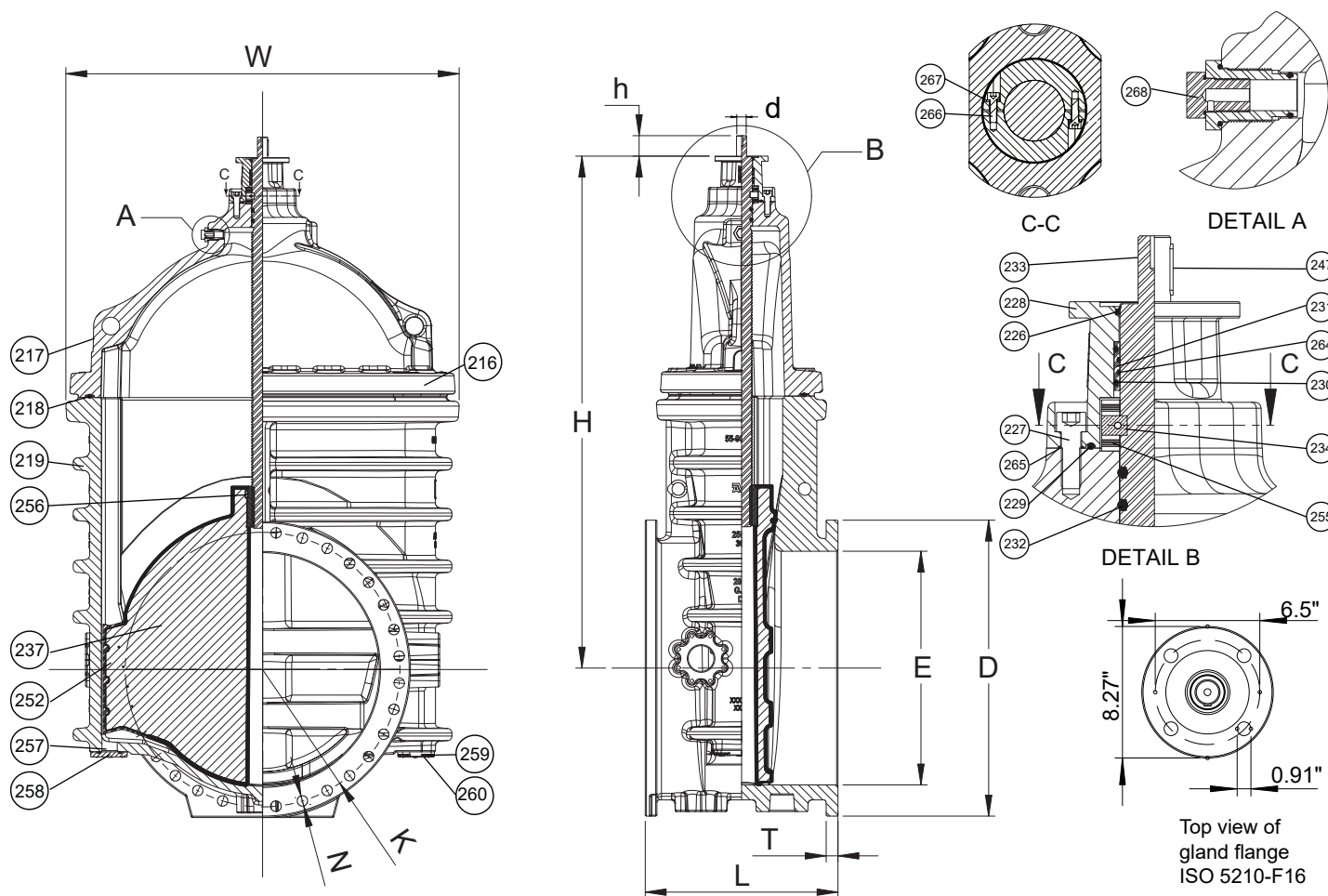


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**Component List:**

|                              |                             |                                                    |
|------------------------------|-----------------------------|----------------------------------------------------|
| 216. Bonnet Bolts            | 231. Stem Seal Bushing      | 257. Cover Plate O-ring                            |
| 217. Bonnet                  | 232. Lower Stem Seal O-Ring | 258. Cover Plate                                   |
| 218. Bonnet Gasket           | 233. Stem Rod               | 259. Cover Plate Washer                            |
| 219. Body                    | 234. Thrust Collar          | 260. Cover Plate Bolt                              |
| 226. Wiper Ring              | 237. Wedge                  | 264. Upper Stem Seal O-Rings<br>( 36 Inch Valves ) |
| 227. Gland Flange Bolt       | 247. Key                    | 265. Gland Bolt O-ring                             |
| 228. Gland Flange            | 252. Shoe                   | 266. Thrust Collar Bolt                            |
| 229. Gland O-Ring            | 255. Stem Bearing           | 267. Thrust Collar Washer                          |
| 230. Upper Stem Seal O-Rings | 256. Wedge Slotted Pin      | 268. Air Bleeder Fittings                          |



| Ref. nos   | Size | D      | E      | d     | H      | h     | K      | L      | N     | T     | W      | FL-Holes | Turns<br>to open | Wt.<br>Lbs. |
|------------|------|--------|--------|-------|--------|-------|--------|--------|-------|-------|--------|----------|------------------|-------------|
| 55-900-FFN | 36"  | 46.00" | 36.37" | 1.57" | 79.70" | 4.00" | 42.75" | 30.00" | 1.63" | 1.83" | 61.34" | 32       | 86               | 8332        |

Add 86 Lbs. for bevel gearing w/ handwheel, add 120 Lbs. for spur gearing w/ handwheel  
 See Bevel & Spur Gearing datasheets for overall dimensions

