

**AMERICAN AVK RESILIENT SEATED GATE VALVE**  
**250 PSI, Tested to AWWA C515 (NRS)**  
**Mechanical Joint Ends to AWWA C111 by**  
**Flanged Ends to ASME B16.42 Class 150 - Valve Size 36"**

**55/MFN36**  
**MJxFL**

**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  
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, Gland Flange Ductile iron ASTM A536

Coating Electrostatically applied fusion-bonded epoxy-resin  
Meets or exceeds AWWA C550

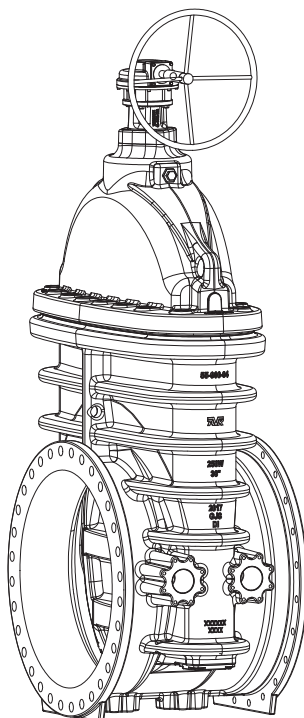
Stem Standard: Stainless steel ASTM A276

Wedge Ductile iron ASTM A536  
encapsulated with EPDM-rubber compound

Wedge Nut, Thrust Collar Bronze

Bonnet Bolts, Gland Bolts Stainless Steel -304 sealed with hot melt

Bonnet Gasket, Wiper Ring, O-Ring Stem Seals, O-Ring Gland Seal ASTM D2000 Buna "N" nitrile rubber

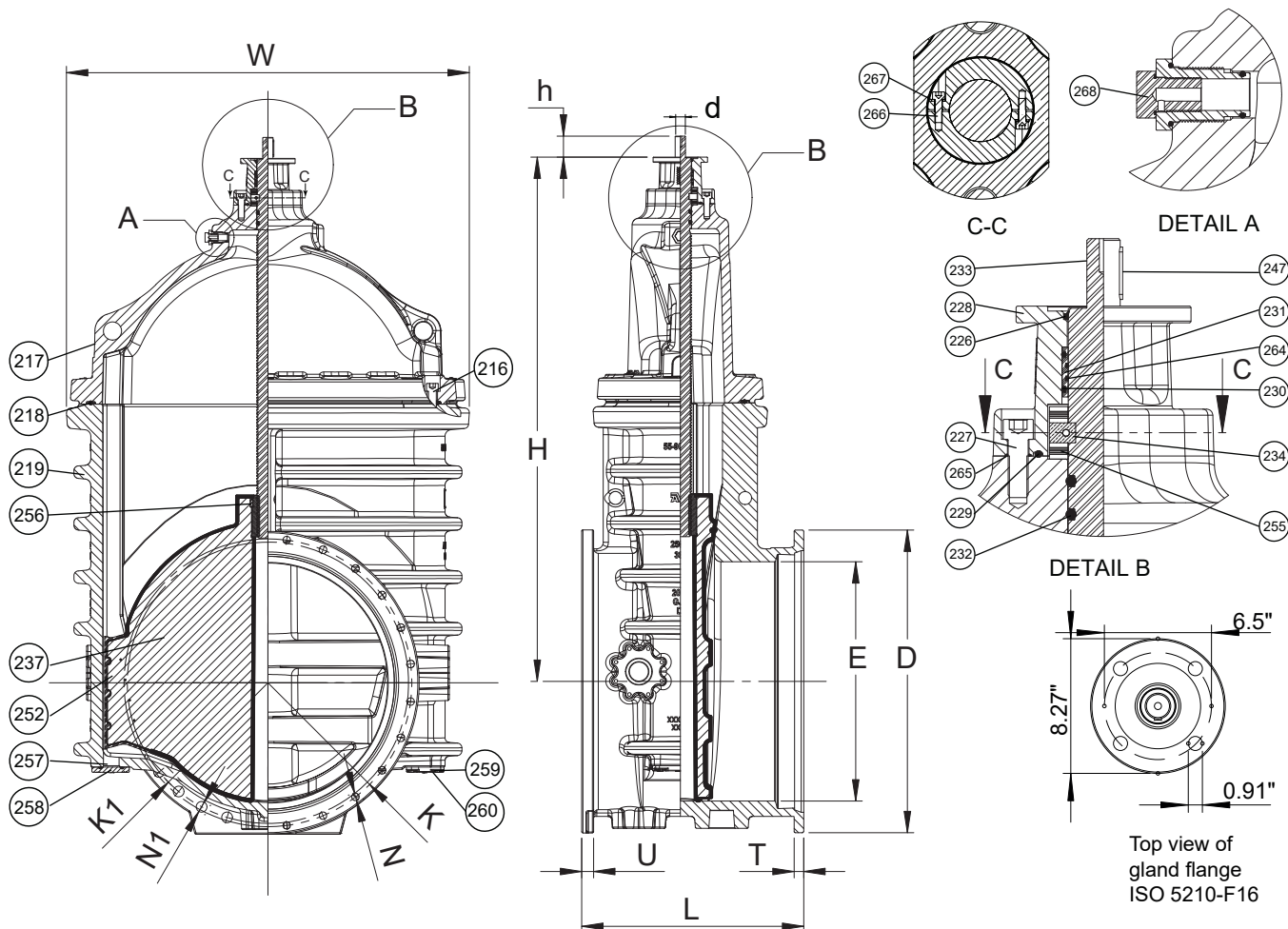


**AMERICAN AVK RESILIENT SEATED GATE VALVE**  
**250 PSI, Tested to AWWA C515 (NRS)**  
**Mechanical Joint Ends to AWWA C111 by**  
**Flanged Ends to ASME B16.42 Class 150 - Valve Size 36"**

**55/MFN36**  
**MJxFL**

**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      | K1     | L      | N     | N1    | T     | U     | W      | FL-Holes<br>MJ/FL | Turns<br>to open | Wt.<br>Lbs. |
|------------|------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|-------|--------|-------------------|------------------|-------------|
| 55-900-MFN | 36"  | 46.00" | 36.37" | 1.57" | 79.70" | 4.00" | 43.75" | 42.80" | 33.75" | 1.13" | 1.63" | 1.45" | 1.83" | 61.34" | 24/32             | 86               | 8404        |

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

