

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 BYPASS

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

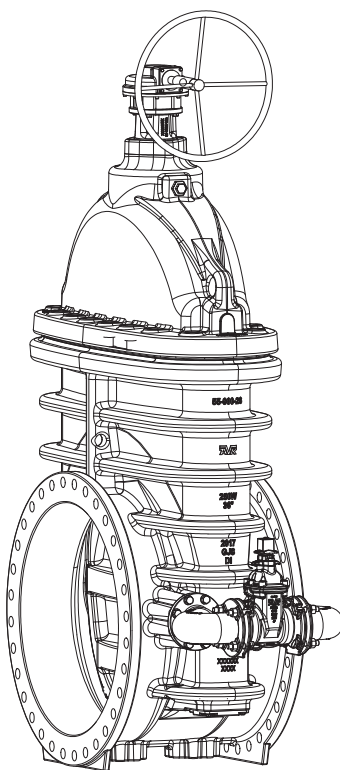
Approvals:

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



Standard Materials:

Body, Bonnet, Gland Flange, Elbow	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



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Component List:

216. Bonnet Bolts

217. Bonnet

218. Bonnet Gasket

219. Body

226. Wiper Ring

227. Gland Flange Bolt

228. Gland Flange

229. Gland O-Ring

230. Upper Stem Seal O-Rings

231. Stem Seal Bushing

232. Lower Stem Seal O-Ring

233. Stem Rod

234. Thrust Collar

237. Wedge

247. Key

251. Elbow

252. Shoe

255. Stem Bearing

256. Wedge Slotted Pin

257. Cover Plate O-ring

258. Cover Plate

259. Cover Plate Washer

260. Cover Plate Bolt

261. Elbow Bolt

262. Elbow Washer

263. Elbow Gasket

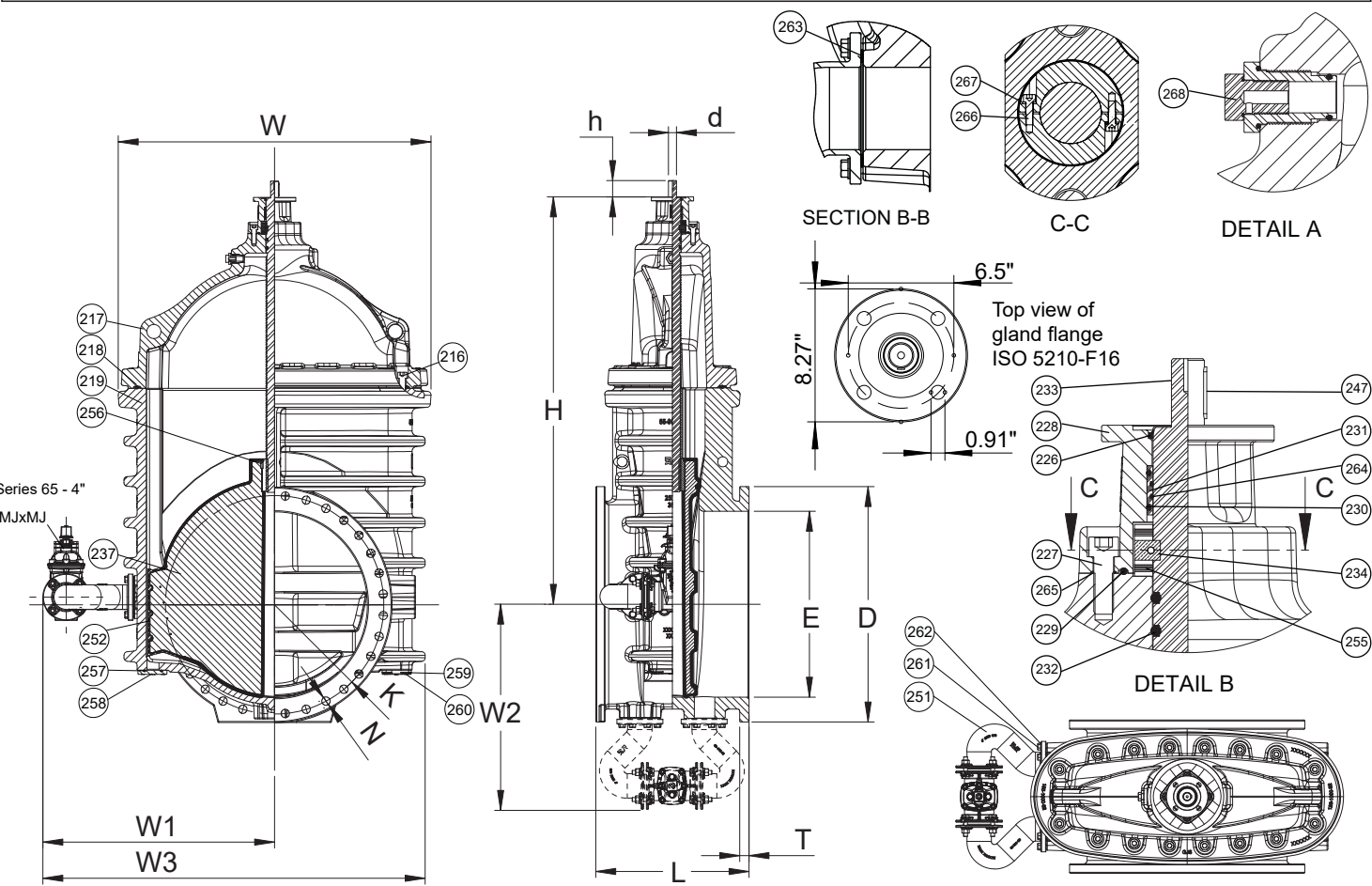
264. Upper Stem Seal O-Rings
(36 Inch Valves)

265. Gland Bolt O-ring

266. Thrust Collar Bolt

267. Thrust Collar Washer

268. Air Bleeder Fittings



Ref. nos	Size	D	E	d	H	h	K	L	N	T	W	W1	W2	W3	FL-Holes MJ/FL	Turns to open	Wt. Lbs.
55-900-FFN-BP	36"	46.00"	36.37"	1.57"	79.70"	4.00"	42.75"	30.00"	1.63"	1.83"	61.34"	45.27"	41.61"	75.88"	24	86	8500

Add 86 Lbs. for bevel gearing w/ handwheel, add 120 Lbs. for spur gearing w/ handwheel

See Bevel & Spur Gearing datasheets for overall dimensions

