

AMERICAN AVK RESILIENT SEATED GATE VALVE

250 PSI, Tested to AWWA C509 (NRS)

Mechanical Joint End - Valve Sizes 2" - 16"

25/0X
MJxMJ

Use:

For water and neutral liquids to maximum 160°F.

Tests:

Hydraulic test to AWWA C509:

Shell Test: 500 PSI

Seat Test: 250 PSI

Operating Torque Test

Optional Materials:

Stem Option a): For UL, FM, ULC
 Low zinc bronze
 ASTM B763

Anti Friction Washers Polyamide

Bonnet Bolts Option a): For UL, FM, ULC
 ASTM A164 zinc coated
 steel sealed with hot melt

Option b): Stainless Steel - 316
 sealed with hot melt

Gland Bolts Option a): For UL, FM, ULC
 ASTM A164 zinc coated
 steel Hexagon bolt

Option b): Stainless Steel - 316
 Hexagon bolt

Standard Materials:

Body, Bonnet,
Gland Flange
Coating Cast iron ASTM A126 class B
 Ductile iron ASTM A536
 Electrostatically applied fusion-
 bonded epoxy-resin
 Meets or exceeds AWWA C550

Wrench Nut Ductile iron ASTM A536
 - painted black for open left,
 red for open right.

Stem Standard: Stainless Steel,
 ASTM A582

Wedge Ductile iron ASTM A536
 encapsulated with EPDM-rubber
 compound

Wedge Nut Bronze

Bonnet Bolts Stainless Steel - 304
 sealed with hot melt

Gland Bolts Stainless Steel - 304

Hexagon bolt

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

Approvals:

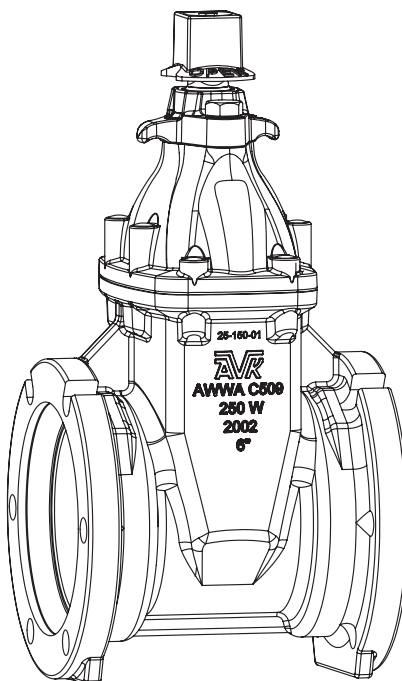


*UL/ULC Listed,

*FM Approved

NSF-61 (audited by UL)

* Approved at 200 PSI working pressure



American AVK Company
an ISO 9001-2000 registered company

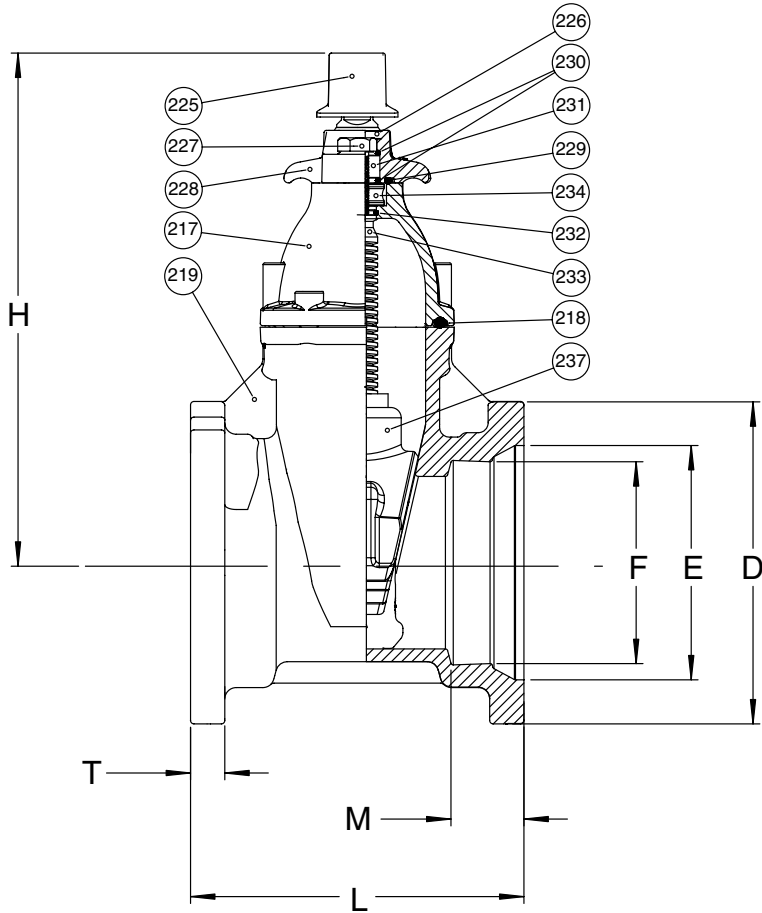
DS S250X MJMJ
Subject to change without notice. (rev. 02/06)

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Component List:

217. Bonnet
218. Bonnet Gasket
219. Body
225. Wrench Nut
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. NRS Stem
234. Thrust Collar
237. Wedge



Ref No.	Size	D	E	F	H	L	M	T	Turns to Open	Wt. Lbs.
25-050-0X	2"	6.25"	3.50"	2.61"	10.56"	8.00"	2.50"	0.75"	11	29
25-080-0X	3"	7.69"	4.96"	4.07"	12.09"	8.50"	2.50"	0.95"	12	43
25-100-0X	4"	9.12"	6.02"	4.90"	13.50"	10.00"	2.50"	1.00"	14	62
25-150-0X	6"	11.12"	8.12"	7.00"	17.50"	11.50"	2.50"	1.18"	21	121
25-200-0X	8"	13.37"	10.27"	9.15"	21.50"	11.50"	2.50"	1.24"	26	173
25-250-0X	10"	15.69"	12.34"	11.20"	24.75"	13.00"	2.50"	1.14"	32	240
25-300-0X	12"	17.88"	14.44"	13.29"	27.63"	14.00"	2.50"	1.22"	38	398
25-350-0X	14"	20.31"	16.61"	15.50"	35.75"	17.90"	3.50"	1.31"	51	794
25-400-0X	16"	22.56"	18.64"	17.54"	34.74"	17.90"	3.50"	1.33"	51	799

