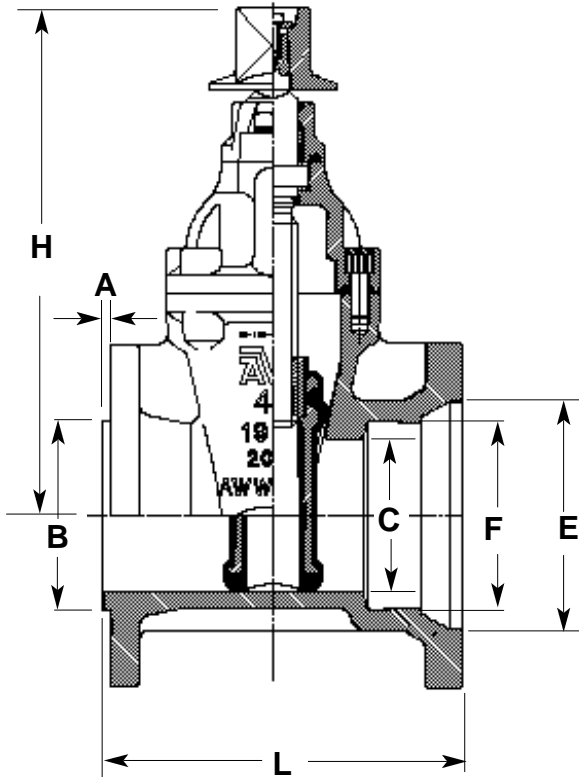


## AMERICAN AVK RESILIENT SEATED GATE VALVE, 250 PSI

**25/38**

To AWWA C509 (NRS)  
Tapping Sleeve Flange End x Mechanical Joint End  
Valve Sizes 4" through 12"



**Tests:**

Hydraulic test to AWWA C509  
Shell test: 500 PSI  
Seat test: 250 PSI  
Operating torque test

**Standard Materials:**

Body, Bonnet	Cast iron ASTM A126 class B
Gland flange	Ductile iron ASTM A536
Coating	Electrostatically applied fusion-bonded epoxy-resin meets or exceeds AWWA C550.
Wrench nut	Cast iron ASTM A126 class B - painted black for clockwise closing, red for counterclockwise closing.
Stem	Standard: Stainless Steel AISI 420 ASTM A276 13% chromium.
Wedge	Ductile iron ASTM A536 vulcanized with EPDM-rubber compound
Stem seal box, Wedge nut	ASTM copper alloy no. C35330
Bonnet bolts	Stainless Steel -A2- Grade 304 sealed with hot melt.
Gland bolts, Hexagon bolt	Stainless Steel -A2- Grade 304 sealed sealed with hot melt.
Bonnet gasket, Wiper ring, O-ring stem seals, O-ring gland seal	ASTM D2000 Buna "N" nitrile rubber

**Optional Materials:**

Stem 4"-12"	Option a): Low zinc bronze ASTM copper alloy no. C99500.
Anti friction washers	Polyamide
Bonnet bolts	Option a): ASTM A164 zinc coated steel sealed with hot melt. Option b): Stainless Steel -A4- Grade 316 sealed with hot melt.
Gland bolts	Option a): ASTM A153 zinc coated steel Hexagon bolt. Option b): Stainless Steel -A4- Grade 316 sealed with hot melt.

**Utilization:** For water and neutral liquids to max. 160° F

Ref. Nos.	Size	A	B	C	E	F	H	L	Flange Holes	Turns to open
25-100-38X	4"	3/16"	4.98"	4.12"	6.02"	4.90"	13.50"	9.50"	8	14
25-150-38X	6"	1/4"	6.99"	6.12"	8.12"	7.00"	17.50"	11.00"	8	21
25-200-38X	8"	1/4"	8.98"	8.12"	10.27"	9.15"	21.50"	11.50"	8	26
25-250-38X	10"	1/4"	10.98"	10.12"	12.34"	11.20"	24.75"	13"	12	32
25-300-38X	12"	1/4"	12.99"	12.12"	14.44"	13.20"	27.625"	14"	12	38

X: 0= Open Left 1= Open Right