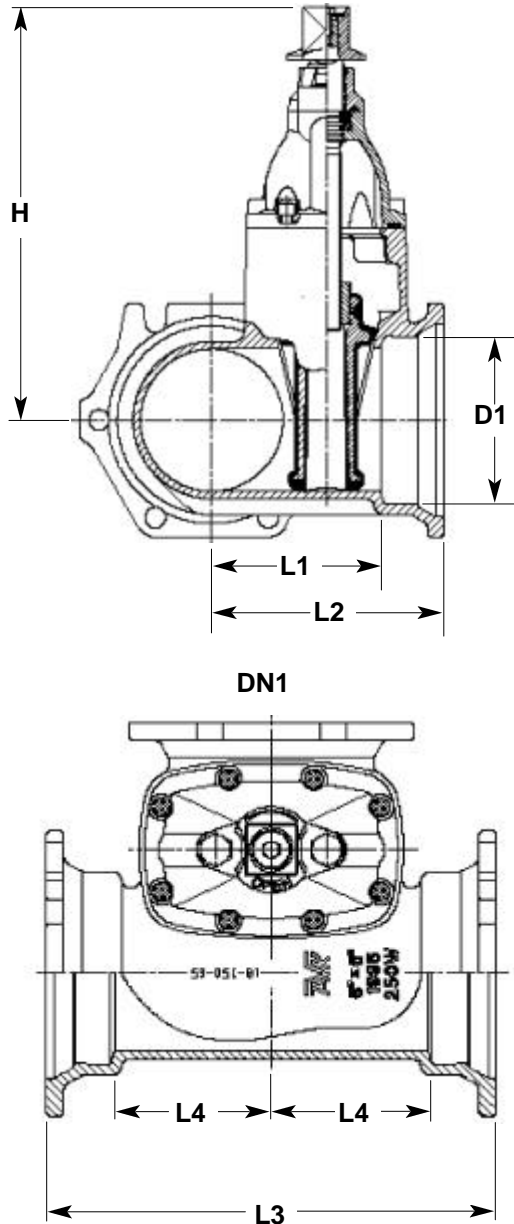


AMERICAN AVK RESILIENT SEATED GATE VALVE, 250 PSI

18/07

Tested to AWWA C509 (NRS)
Mechanical Joint Ends
Valve Sizes 6" X 6", 8" X 6", 12" X 6"



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,	Stainless Steel -A2- Grade 304 Hexagon bolt.
Bonnet gasket, Wiper ring, O-ring stem seals, O-ring gland seal	ASTM D2000 Buna "N" nitrile rubber

Optional Materials:

Stem	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 Hexagon bolt.

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

Tests:

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

Ref. Nos.	Size	D1	DN1	DN2	H	L1	L2	L3	L4	Turns to open
18-150-070913	6" x 6"	7"	6"	6"	17.42"	7.26"	9.76"	17.50"	6.25"	21
18-200-070913	8" x 6"	7"	6"	8"	17.42"	8.26"	10.76"	17.00"	6.00"	21
18-300-070913	12" x 6"	7"	6"	12"	17.42"	11.20"	13.70"	15.00"	5.00"	21