

AMERICAN AVK RESILIENT SEATED DUCTILE IRON GATE VALVE 45/D0X

Tested to AWWA C509 / C515 (NRS) for Indicator Post POxFL PIV

Push-on Joint End (TYTON) x Flanged End to ANSI B16.1 Class 125 - Valve sizes 4" - 12" and 16"

Use:

For water and neutral liquids to maximum 160°F.

Tests:

Hydraulic test to AWWA C509:

Shell Test: 500 PSI 4"-12", 400 PSI 16"

Seat Test: 250 PSI 4"-12", 200 PSI 16"

Operating Torque Test

Optional Materials:

Stem	4"-12" only Stainless steel AISI 430F Stainless steel AISI 304 Stainless steel AISI 316
Bonnet Bolts	4"-12" only Stainless steel AISI 304, Stainless steel AISI 316, Zinc Plated steel sealed with hot melt
Gland Bolts	4"-12" only Stainless steel AISI 316, Zinc Plated steel

Standard Materials:

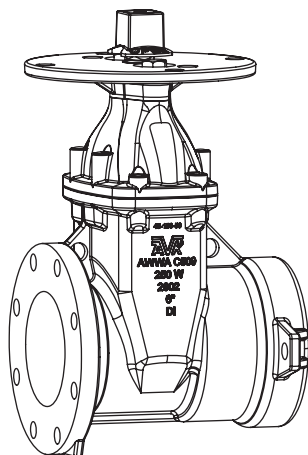
Body, Bonnet, Post Indicator Plate, Wrench Nut	Ductile iron ASTM A536 (Wrench Nut-painted black for open left, red for open right)
Coating	Electrostatically applied fusion- bonded epoxy-resin Meets or exceeds AWWA C550
Stem	4"-12" Standard: Low Zinc Bronze ASTM B763 16" Standard: Aluminum Bronze ASTM B150
Anti Friction Washers	Polyamide
Wedge	Ductile iron ASTM A536 encapsulated with EPDM-rubber compound
Wedge Nut, Thrust Collar	Bronze
Bonnet Bolts	4" - 8" Stainless Steel - 304 sealed with hot melt 10"-16" High strength bolts sealed with hot melt
Gland Bolts	Stainless Steel - 304 Hexagon bolt
Bonnet Gasket, Wiper Ring, O-Ring Stem Seals, O-Ring Gland Seal	ASTM D2000 Buna "N" nitrile rubber

Approvals:



*UL/ULC Listed
*FM Approved
NSF-61 (audited by UL)

* Approved at 250 PSI working pressure, 4"-12"
* Approved at 200 PSI working pressure, 16"



American AVK Company
an ISO 9001 registered company

DS S45D0X POFL PIV
Subject to change without notice. (rev. 09/11)

AMERICAN AVK RESILIENT SEATED DUCTILE IRON GATE VALVE

Tested to AWWA C509 / C515 (NRS) for Indicator Post

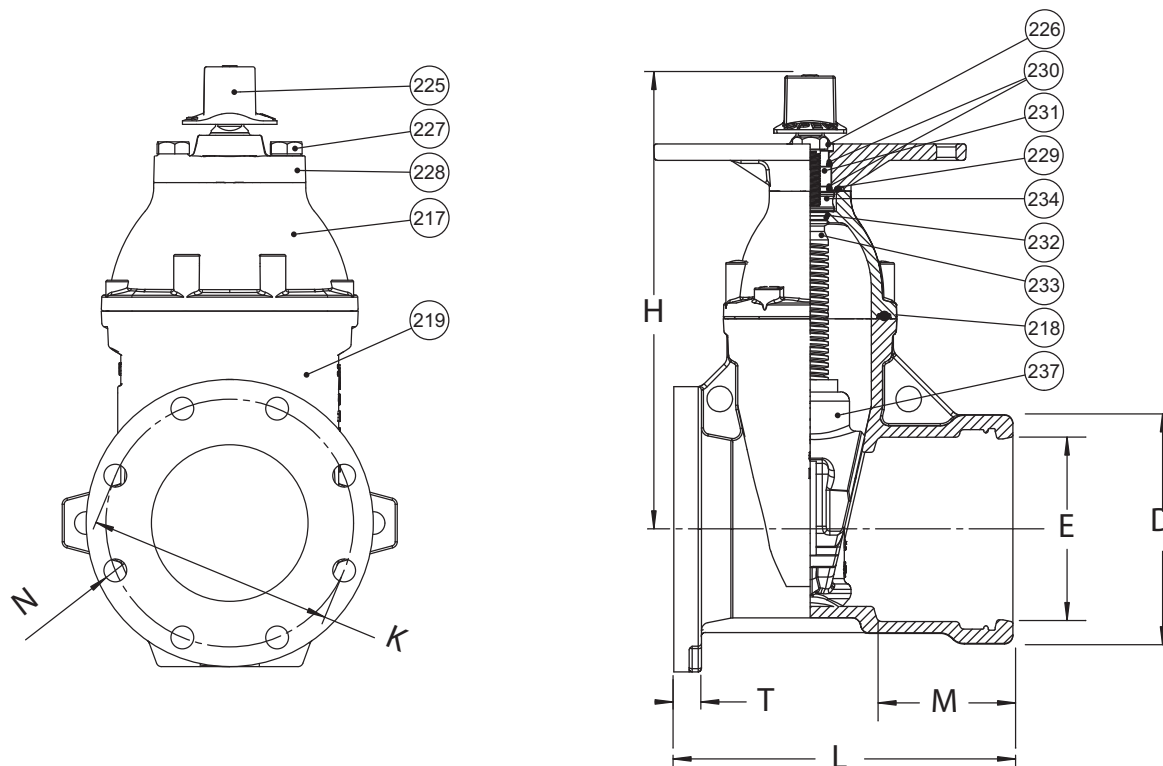
Push-on Joint End (TYTON) x Flanged End to ANSI B16.1 Class 125 - Valve sizes 4" - 12" and 16"

45/D0X

POxFL PIV

Component List:

217. Bonnet	226. Wiper Ring	232. Lower Stem Seal O-Ring
218. Bonnet Gasket	227. Gland Flange Bolt	235. Anti-Friction Washer
219. Body	229. Gland O-Ring	236. Low Zinc NRS Stem
224. Post Indicator Plate	230. Upper Stem Seal O-Rings	237. Wedge
225. Wrench Nut	231. Stem Seal Bushing	



Ref No.	Size	D	E	H	K	L	M	N	T	Flange Holes	Turns to Open	Weight (lbs.)
45-100-D0X	4"	6.66"	4.93"	13.50"	7.51"	10.51"	4.12"	0.75"	1.00"	8	14	79
45-150-D0X	6"	8.84"	7.03"	17.50"	9.49"	13.07"	5.22"	0.88"	1.06"	8	21	118
45-200-D0X	8"	11.23"	9.18"	21.50"	11.73"	14.33"	5.63"	0.88"	1.14"	8	26	174
45-250-D0X	10"	13.50"	11.22"	24.75"	14.25"	15.31"	5.63"	1.00"	1.22"	12	32	252
45-300-D0X	12"	15.74"	13.32"	27.75"	17.00"	16.61"	5.63"	1.00"	1.30"	12	38	378
45-400-D0X	16"	20.62"	17.51"	34.75"	21.25"	19.35"	5.00"	1.13"	1.44"	12	51	820

