



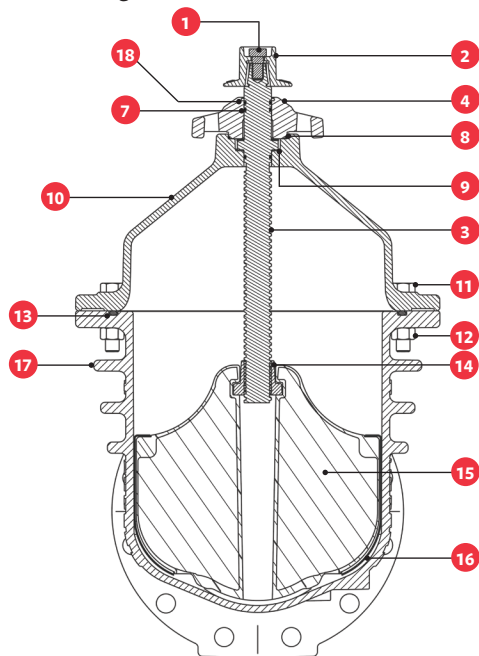
VALVE &  
HYDRANT

# A-USP1 RESILIENT WEDGE GATE VALVE

## Class 250/300 NRS: 3"/DN80 – 12"/DN300

### PRODUCT FEATURES

- Non-Rising Stem (NRS).
- 2" square Operating Nut (optional Handwheel).
- All Ductile Iron Body and Bonnet.
- Mueller Pro-Gard® Fusion Bonded Epoxy Coating – 10 mil (250 µm) nominal. Meets requirements of AWWA/ANSI C550.
- Meets requirements of AWWA/ANSI C515 and is certified to ANSI/NSF 61 & 372.
- Antifriction washer above and below thrust collar.
- 316 Stainless Steel, Bonnet and Stuffing Box Bolts and Nuts.
- Ductile Iron Wedge, symmetrical and fully encapsulated with molded rubber; no exposed iron – Acetal Caps on guides ease operation and avoid wear.
- 10-year limited warranty.
- Working Pressure: 350psig/24barg; Test Pressure: 700psig/48barg.
- UL 262 listed, FM 1120/1130 approved.
- Flange End drilling meets ANSI B16.1, Class 250. Optional PN25 drilling.



### PARTS LIST

ID	PART NAME	MATERIAL
1	Cap Screw	316 Stainless Steel ASTM F593
2	Wrench Nut	Ductile Iron ASTM A536
3	Stem	Bronze ASTM B138 Alloy C67600
4	Stuffing Box	Ductile Iron ASTM A536
5	Stuffing Box Bolts	316 Stainless Steel ASTM F593
6	Stuffing Box Nuts	316 Stainless Steel ASTM F594
7	O-Ring	Rubber ASTM D2000
8	O-Ring (Stuffing Box Area)	Rubber ASTM D2000
9	Anti-Friction Washer	Acetal
10	Bonnet	Ductile Iron ASTM 536
11	Bonnet Bolts	316 Stainless Steel ASTM F593
12	Bonnet Nuts	316 Stainless Steel ASTM F594
13	Bonnet O-Ring	Rubber ASTM D2000
14	Disc Nut	Bronze ASTM B584 Alloy C89833
15	Disc	(See Note 1)
16	Guide Cap	Acetal
17	Body-Flange Ends	Ductile Iron ASTM 536
18	Wiper Ring	Polyurethane ASTM D412/D624

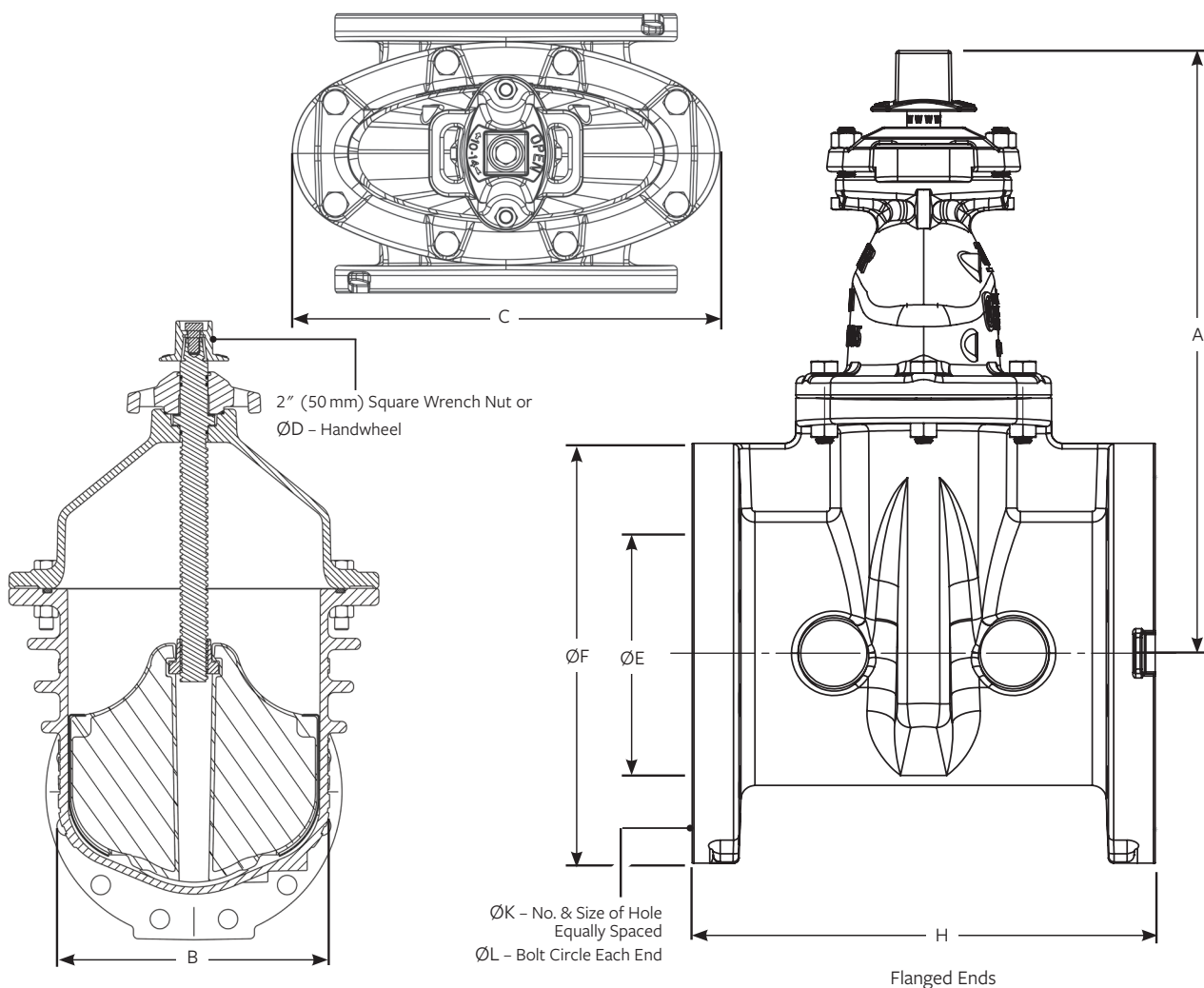
#### Note

1. Rubber Encapsulated Ductile Iron Disc Rubber – SBR ASTM D2000.



6"/DN150 shown

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## DIMENSIONS – INCHES (MM)

VALVE SIZE	A	B	C	ØD	ØE	ØF	H	NO. - ØK	ØL
3"/DN80	12.38 (315)	6.02 (153)	8.63 (220)	8.00 (200)	3.30 (84)	9.00 (229)	11.10 (282)	8 - 0.88 (22)	6.63 (168)
4"/DN100	14.19 (360)	8.25 (210)	10.79 (274)	11.00 (279)	4.30 (109)	10.00 (254)	12.00 (305)	8 - 0.88 (22)	7.87 (200)
6"/DN150	18.00 (457)	10.50 (267)	13.50 (343)	13.00 (330)	6.30 (160)	12.50 (318)	15.86 (403)	12 - 0.88 (22)	10.63 (270)
8"/DN200	21.50 (546)	13.21 (336)	16.36 (416)	14.00 (356)	8.30 (211)	15.00 (381)	16.50 (419)	12 - 1.13 (29)	12.99 (330)
10"/DN250	25.50 (648)	16.48 (419)	19.99 (508)	16.00 (406)	10.30 (262)	17.50 (445)	18.00 (457)	16 - 1.25 (32)	15.24 (387)
12"/DN300	28.62 (727)	16.83 (427)	21.00 (533)	16.00 (406)	12.30 (312)	20.50 (521)	19.75 (502)	16 - 1.25 (32)	17.76 (451)

Valve Size	3"/DN80	4"/DN100	6"/DN150	8"/DN200	10"/DN250	12"/DN300
Wt-lb (kg)*	75 (34)	106 (48)	184 (83)	291 (132)	453 (205)	592 (269)
No. of Turns	11	14	20.5	26.5	33	38.5

\*Flanged

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