

P-USP2 Resilient Wedge Gate Valve

NRS – PIV: 4" – 12"/DN100 – DN300

**US
PIPE**

**VALVE &
HYDRANT**



PRODUCT FEATURES

- Non-Rising Stem (NRS), Post Indicator Valve (PIV).
- Ductile Iron Body, Bonnet and Post Indicator Flange.
- Mueller Pro-Gard® Fusion Bonded Epoxy Coating inside and out cover all cast surfaces – 10 mils (250 µm) nominal. Meets requirements of AWWA / ANSI C550.
- Meets requirements of AWWA / ANSI C509 and is certified to ANSI / NSF 61 & 372.
- Ductile Iron wedge, symmetrical & fully encapsulated with molded rubber; no exposed iron.
- Polymer cap bearing on wedge guides resist wear and provide easy operation.
- Three stem O-rings seal in lubricant – two above thrust collar, one below.
- Polymer anti-friction washers – one above and one below thrust collar reduce operating torque.
- Bi-directional flow.
- 10-year limited warranty.
- Working Pressure: 350 psig / 24 barg; Test Pressure: 700 psig / 48 barg.
- UL 262 listed; FM 1120 / 1130 approved.
- Flange End drilling meets: ANSI B16.1, Class 125 and ANSI B16.42, Class 150 Flat Face. Optional PN10, PN16 drilling. Mechanical Joint also available.

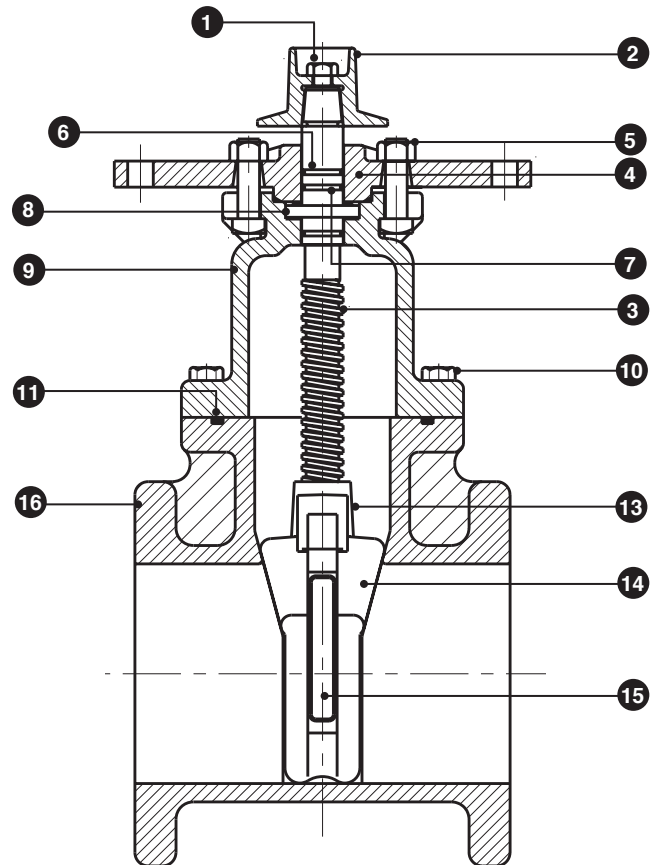
PARTS LIST

ID	PART NAME	MATERIAL
1	Cap Screw	316 Stainless Steel (See Note 2)
2	Operating Nut	Ductile Iron ASTM A536
3	Stem	Bronze ASTM B138 (C67600)
4	Stuffing Box	Ductile Iron ASTM A536
5	Stuffing Box Bolts/Nuts	316 Stainless Steel (See Note 2)
6	O-Ring	NBR ASTM D2000
7	O-Ring	NBR ASTM D2000
8	Anti-Friction Washer	Acetal
9	Bonnet	Ductile Iron ASTM A536
10	Bonnet Bolts/Nuts	316 Stainless Steel (See Note 2)
11	Bonnet Gasket (O-Ring)	NBR ASTM D2000
13	Wedge Nut	Bronze ASTM B584
14	Wedge	(See Note 1)
15	Guide Cap	Acetal
16	Body	Ductile Iron ASTM A536

NOTES:

1. Rubber-encapsulated Ductile Iron Disc, Rubber – SBR ASTM D2000, Ductile Iron ASTM A536.

2. Bonnet Bolts, Cap Screw and Stuffing Box Bolts – ASTM F593 Group 2-CW; Nuts – ASTM F594 Group 2-CW.



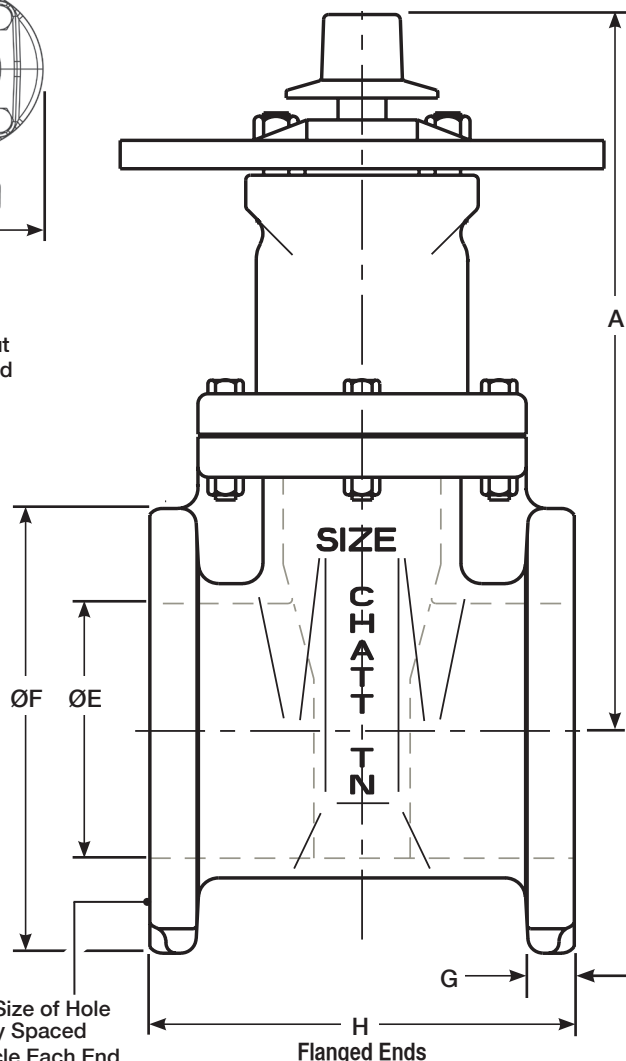
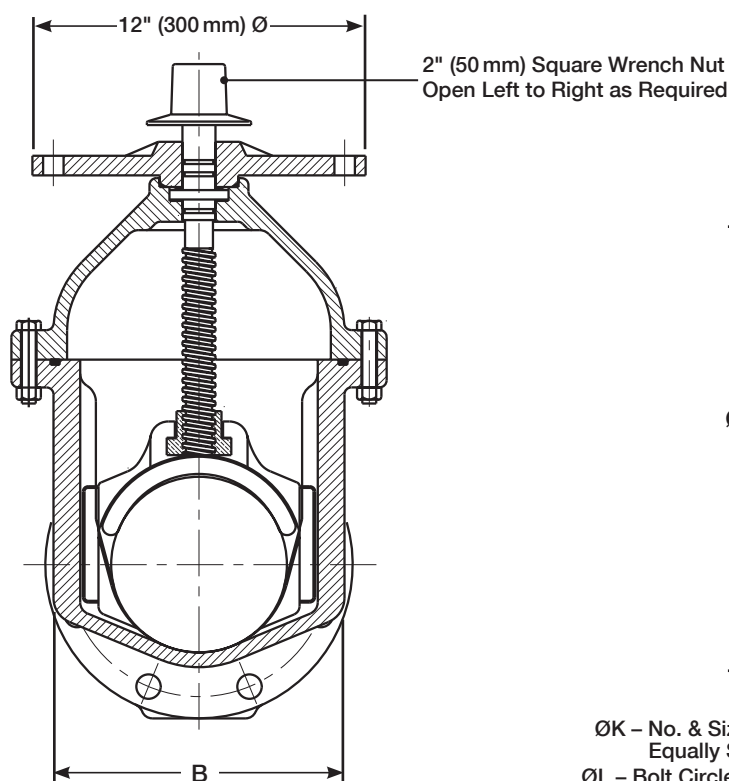
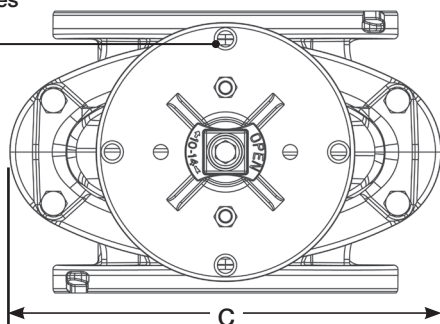
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NRS – PIV: 4" – 12"/DN100 – DN300



**VALVE &
HYDRANT**

3/4" (19 mm) Ø – 4 Holes
Equally Spaced



DIMENSIONS – inches (mm)

Valve Size	A	B	C	ØE	ØF	G	H	NO. - ØK	ØL	Turns to Open
4"/DN100	14.19 (360)	7.75 (210)	10.79 (274)	4.30 (109)	9.00 (229)	1.00 (25)	9.00 (229)	8 - 0.75 (19)	7.50 (191)	14
6"/DN150	18.00 (457)	9.97 (267)	13.50 (343)	6.30 (160)	11.00 (279)	1.06 (27)	10.50 (267)	8 - 0.88 (22)	9.50 (241)	20.5
8"/DN200	21.50 (546)	12.60 (336)	16.36 (416)	8.30 (211)	13.50 (343)	1.19 (30)	11.50 (292)	8 - 0.88 (22)	11.75 (298)	26.5
10"/DN250	25.50 (648)	16.48 (419)	19.99 (508)	10.30 (262)	16.00 (406)	1.25 (32)	13.00 (330)	12 - 1.00 (25)	14.25 (362)	33
12"/DN300	28.62 (727)	16.83 (427)	21.00 (533)	12.30 (312)	19.00 (483)	1.31 (33)	14.00 (356)	12 - 1.00 (25)	17.00 (432)	38.5

WEIGHT – lb. (kg)

Valve Size	4"/DN100	6"/DN150	8"/DN200	10"/DN250	12"/DN300
FLANGED	112 (51)	168 (76)	268 (122)	409 (186)	540 (245)



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