

P-2361 Resilient Wedge Gate Valve

IFP – PIV: 14" – 24"/DN350 – DN600

18"/DN450
shown

PRODUCT FEATURES

- Industrial Fire Protection (IFP), Post Indicator Valve (PIV).
- Ductile Iron Body and Bonnet, Ductile Iron Post Indicator Flange.
- Mueller Pro-Gard® 2-Pass Fusion Bonded Epoxy Coating covers all cast surfaces inside and out – 10 mils (250 µm) minimum. Meets requirements of AWWA/ANSI C550.
- Meets requirements of AWWA/ANSI C515 and is certified to ANSI/NSF 61 & 372.
- Ductile Iron Wedge, symmetrical and fully encapsulated with molded EPDM rubber; no exposed iron.
- Polymer cap bearing on wedge guides.
- Everdur Bronze Stem.
- 316 Bolts, Nuts and Washers.
- 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.
- 10-year limited warranty.
- Pressure rating: 14" & 16"/DN350 & DN400 AWWA/UL/FM rating 250psig/17barg; 18" – 24"/DN450 – DN600 AWWA rating 250psig/17barg, UL rating 175psig/12barg, FM Approved rating 250psig/17barg.
- 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. Fitted with End Covers as standard.
- API598 Test Duration.

PARTS LIST

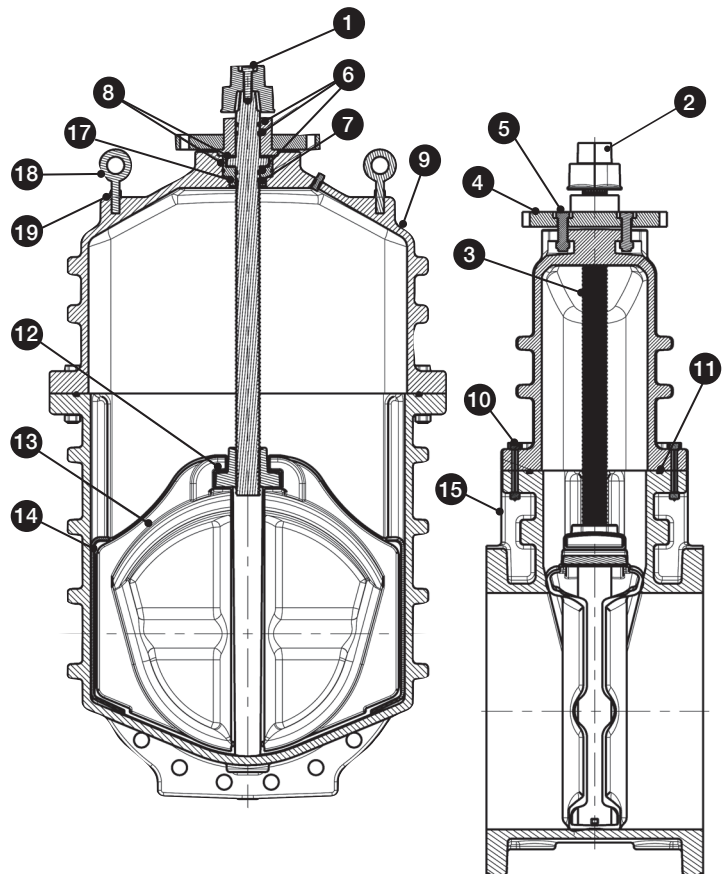
| ID | PART NAME | MATERIAL |
|----|-------------------------|----------------------------------|
| 1 | Cap Screw | 316 Stainless Steel (See Note 2) |
| 2 | Wrench Nut | Cast Iron ASTM A126 CL B |
| 3 | Stem | Silicon Bronze (See Note 3) |
| 4 | Stuffing Box | Ductile Iron ASTM 536 |
| 5 | Stuffing Box Bolts/Nuts | 316 Stainless Steel (See Note 2) |
| 6 | O-Ring | EPDM ASTM D2000 |
| 7 | O-Ring | EPDM 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) | EPDM ASTM D2000 |
| 12 | Disc Nut | Bronze ASTM B62 |
| 13 | Disc | (See Note 1) |
| 14 | Guide Cap | Acetal |
| 15 | Body | Ductile Iron ASTM A536 |
| 17 | Bonnet Bushing | Bronze ASTM B62 |
| 18 | Eyebolt | Galvanized Steel |
| 19 | Nut | Steel ASTM A307 (See Note 2) |

NOTES:

1. 14" – 24"/DN350 – DN600 Rubber-encapsulated Ductile Iron Disc, Rubber – EPDM ASTM D2000, Ductile Iron – ASTM A536 Grade 65-45-12 (minimum strength).

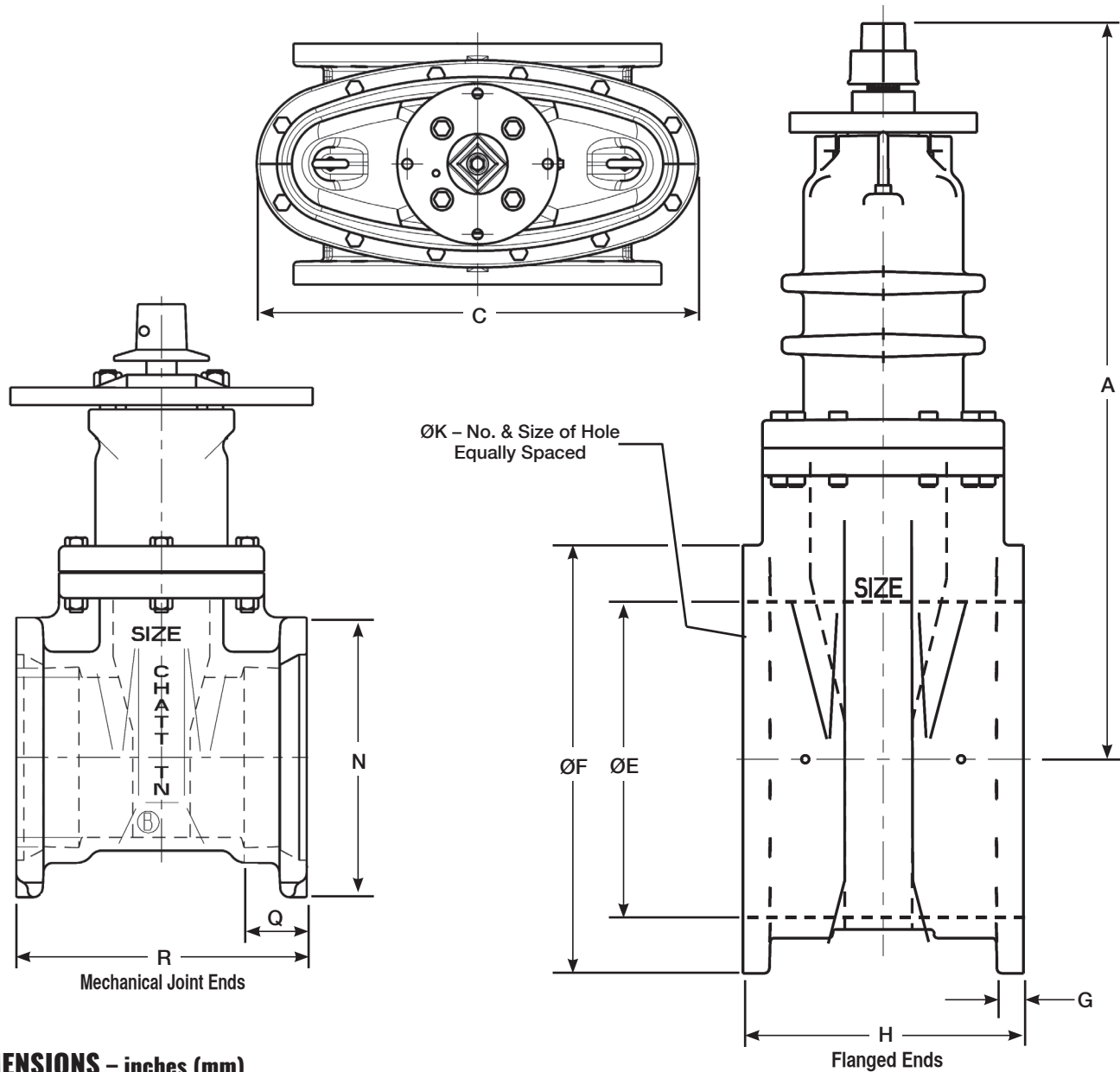
2. Bolts – 316 Stainless Steel ASTM F593 Group 2-CW. Nuts – 316 Stainless Steel ASTM F594 Group 2-CW.

3. 14" & 16"/DN350 & DN400 ASTM B98 (C66100), 18" – 24"/DN450 – DN600 ASTM B763 (C99400).



P-2362 Resilient Wedge Gate Valve

IFP – PIV: 14” – 24”/DN350 – DN600



DIMENSIONS – inches (mm)

| Valve Size | A | C | ØE | ØF | G | H | NO. - ØK | R | N | Q |
|------------|--------------|--------------|-------------|-------------|-----------|-------------|----------------|-------------|-------------|-----------|
| 14”/DN350 | 32.75 (832) | 24.92 (633) | 14.38 (365) | 21.00 (533) | 1.42 (36) | 15.06 (383) | 12 - 1.12 (28) | 19.88 (505) | 20.25 (514) | 3.50 (89) |
| 16”/DN400 | 37.88 (962) | 26.58 (675) | 16.00 (400) | 23.50 (597) | 1.05 (27) | 16.06 (408) | 16 - 1.12 (28) | 19.75 (502) | 22.56 (573) | 3.50 (89) |
| 18”/DN450 | 44.19 (1122) | 30.50 (775) | 18.38 (467) | 25.00 (635) | 1.05 (27) | 17.00 (432) | 16 - 1.25 (32) | 21.00 (533) | 24.87 (632) | 3.50 (89) |
| 20”/DN500 | 48.25 (1225) | 33.75 (857) | 20.38 (518) | 27.50 (698) | 1.78 (45) | 18.00 (450) | 20 - 1.25 (32) | 21.50 (546) | 27.24 (692) | 3.50 (89) |
| 24”/DN600 | 53.88 (1369) | 39.50 (1003) | 24.38 (619) | 32.00 (800) | 1.25 (32) | 20.00 (500) | 20 - 1.38 (35) | 23.50 (597) | 31.88 (810) | 3.50 (89) |

WEIGHT – lb. (kg)

| Valve Size | 14”/DN350 | 16”/DN400 | 18”/DN450 | 20”/DN500 | 24”/DN600 |
|------------|-----------|-----------|------------|------------|-------------|
| FLANGED | 659 (299) | 841 (381) | 1298 (589) | 1640 (744) | 2488 (1129) |
| MJ* | 650 (295) | 931 (422) | 1298 (589) | 1640 (744) | 2423 (1099) |

*Weights approximate, MJ less accessories



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