

# Flanged Resilient NRS Gate Valve W10-A-NX-XX-B-X UL/FM Approved AWWA C 515



NSF/ANSI 61 NSF/ANSI 372

## W10-A-NL/NR-FF-B-2N

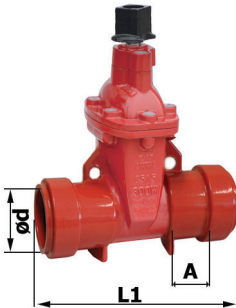
- Design Standard: AWWA C 515
- Connection Ends: Flange to ASME B16.1 CL 125
- Working Pressure: 300PSI
- Temperature Range: 0°C - 100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 / 10 mil minimum
- 2" Square Operation Nut (Standard)
- Sizes: NPS 14 and over (B - 250PSI)



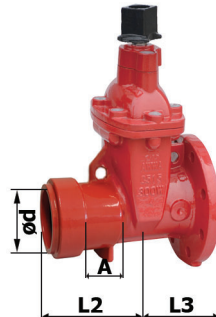
ANSI FLANGE (FF)



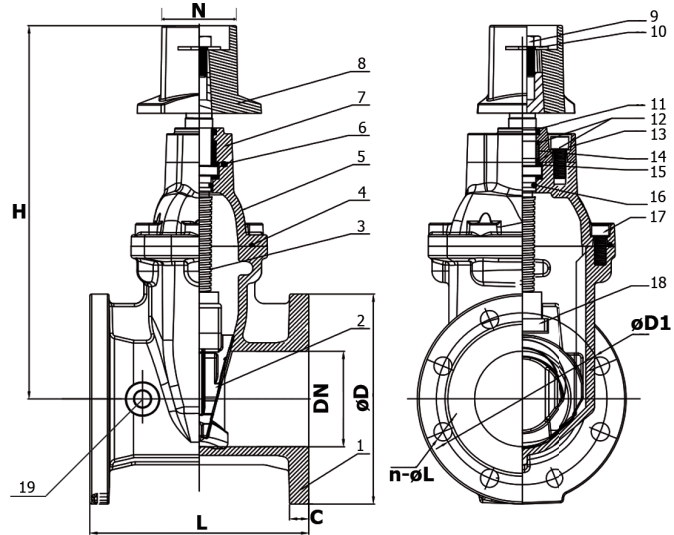
MECHANICAL JOINT (MJ)



SLIP X SLIP (SS)



SLIP X ANSI FLANGE (SF)



## MATERIAL SPECIFICATION

| Part No. | Part                      | Standard Specification   | Options            |
|----------|---------------------------|--------------------------|--------------------|
| 1        | Valve Body                | ASTM A536, 65-45-12      |                    |
| 2        | Resilient Wedge Disc      | ASTM A536, 65-45-12+EPDM |                    |
| 3        | Stem                      | ASTM B150                | AISI 304, AISI 316 |
| 4        | Bonnet Gasket             | EPDM                     | NBR                |
| 5        | Bonnet                    | ASTM A536, 65-45-12      |                    |
| 6        | O-Ring                    | NBR                      | EPDM               |
| 7        | Gland                     | ASTM A536, 65-45-12      |                    |
| 8        | Stem Cap                  | ASTM A536, 65-45-12      |                    |
| 9        | Bolt                      | AISI 304                 | AISI 316           |
| 10       | Flat Washer               | AISI 304                 | AISI 316           |
| 11       | Ring Wiper                | EPDM                     | NBR                |
| 12       | O-Ring                    | NBR                      | EPDM               |
| 13       | Nut                       | AISI 304                 | AISI 316           |
| 14       | Axis Guide                | Brass HPb59-1            |                    |
| 15       | Washer                    | Brass CW617N             |                    |
| 16       | O-Ring                    | NBR                      | EPDM               |
| 17       | Nut                       | AISI 304 WAX SEAL        | AISI 316 WAX SEAL  |
| 18       | Wedge Nut                 | Brass HPb59-1            | Bronze ZQSn5-5-5   |
| 19       | Boss-NPT Tapping Optional |                          |                    |

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

| DN               |     | Dimensions (mm) |     |    |     |       |      |          | SS & SF |     |       |       |       |
|------------------|-----|-----------------|-----|----|-----|-------|------|----------|---------|-----|-------|-------|-------|
| IN               | mm  | L               | H   | N  | øD  | D1    | C    | n-øL     | L1      | A   | ød    | L2    | L3    |
| 2"               | 50  | 178             | 278 | 50 | 152 | 120.7 | 16   | 4-ø19.1  | 260     | 50  | 62    | 130   | 89    |
| 2.5"             | 65  | 190             | 300 | 50 | 178 | 139.7 | 17.5 | 4-ø19.1  | 273     | 53  | 75    | 136.5 | 95    |
| 3"               | 80  | 203             | 321 | 50 | 191 | 152.4 | 19.1 | 4-ø19.1  | 305     | 57  | 90.5  | 152.5 | 101.5 |
| 4"               | 100 | 229             | 375 | 50 | 229 | 190.5 | 19.1 | 8-ø19.1  | 350     | 57  | 117.5 | 175   | 114.5 |
| 5"               | 125 | 254             | 415 | 50 | 254 | 215.9 | 19.1 | 8-ø22.2  |         |     |       |       |       |
| 6"               | 150 | 267             | 455 | 50 | 279 | 241.3 | 19.1 | 8-ø22.2  | 248     | 95  | 172.5 | 214   | 133.5 |
| 8"               | 200 | 292             | 565 | 50 | 343 | 298.5 | 22.2 | 8-ø22.2  | 470     | 118 | 222   | 235   | 146   |
| 10"              | 250 | 330             | 636 | 50 | 406 | 362   | 23.8 | 12-ø25.4 |         |     |       |       |       |
| 12"              | 300 | 356             | 731 | 50 | 483 | 431.8 | 25.4 | 12-ø25.4 |         |     |       |       |       |
| W10-B-NL-FF-S-2N |     |                 |     |    |     |       |      |          |         |     |       |       |       |
| 14"              | 350 | 381             | 927 |    | 533 | 476.3 | 25.4 | 12-ø28.6 |         |     |       |       |       |
| 16"              | 400 | 406             | 927 |    | 597 | 539.8 | 25.4 | 16-ø28.6 |         |     |       |       |       |

NL - NON RISING STEM LEFT OPEN  
NR - NON RISING STEM RIGHT OPEN  
\* - 2" OPERATION NUT STANDARD  
(1"-1/2 AND 1"-1/4) ON REQUEST

Technical data, dimensions, materials & specifications are subject to change without notice.



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