

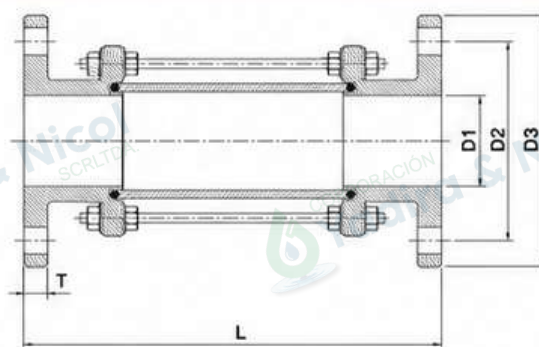


# INSPECTION GLASS



## EI Series

**EI300**  
**Size: 1/2" - 10"**



DN15~DN250

| Materials       | UPVC , PP , CPVC , PPG , PVDF                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------|
| SIZE            | 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 5", 6", 8", 10"                                                |
| END CONNECTIONS | Flange ends in JIS 10K DIN ; ANSI;BS STANDARD                                                                      |
| WORKING TEMP    | UPVC: 0~60°C , PP:-20°C~90°C , PPG: -20°C~100°C , PVDF:-40°C~120°C                                                 |
| FEATURES        | Can be mounted horizontally or vertically internal device induces visible turbulence with minimum flow restriction |

### DIMENSIONS TABLE

| Nom Size<br>m/m(inch) | D1  | D2  |     |       |       | D3  |     |       |       | L   | Test Press                   |                     | Working Press                |                     |
|-----------------------|-----|-----|-----|-------|-------|-----|-----|-------|-------|-----|------------------------------|---------------------|------------------------------|---------------------|
|                       |     | JIS | DIN | ANSI  | BS    | JIS | DIN | ANSI  | BS    |     | kgf/cm <sup>2</sup><br>(bar) | lbf/in <sup>2</sup> | kgf/cm <sup>2</sup><br>(bar) | lbf/in <sup>2</sup> |
| 15(1/2")              | 16  | 70  | 65  | 2.38  | 2.62  | 95  | 95  | 3.50  | 3.75  | 176 | 10                           | 150                 | 7                            | 105                 |
| 20(3/4")              | 20  | 75  | 75  | 2.76  | 2.88  | 100 | 105 | 3.86  | 4.00  | 174 | 10                           | 150                 | 7                            | 105                 |
| 25(1")                | 25  | 90  | 85  | 3.13  | 3.25  | 125 | 115 | 4.25  | 4.50  | 222 | 10                           | 150                 | 7                            | 105                 |
| 32(1-1/4")            | 30  | 100 | 100 | 3.50  | 3.43  | 135 | 140 | 4.61  | 4.75  | 222 | 10                           | 150                 | 7                            | 105                 |
| 40(1-1/2")            | 40  | 105 | 110 | 3.88  | 3.88  | 140 | 150 | 5.00  | 5.25  | 224 | 10                           | 150                 | 7                            | 105                 |
| 50(2")                | 50  | 120 | 125 | 4.74  | 4.50  | 155 | 165 | 6.47  | 6.00  | 218 | 10                           | 150                 | 7                            | 105                 |
| 65(2-1/2")            | 65  | 140 | 145 | 5.89  | 5.00  | 175 | 185 | 7.00  | 6.50  | 240 | 10                           | 150                 | 7                            | 105                 |
| 80(3")                | 80  | 150 | 160 | 6.00  | 5.75  | 185 | 200 | 7.52  | 7.25  | 238 | 10                           | 150                 | 7                            | 105                 |
| 100(4")               | 100 | 175 | 180 | 7.50  | 7.00  | 210 | 220 | 9.02  | 8.50  | 274 | 10                           | 150                 | 7                            | 105                 |
| 125(5")               | 125 | 210 | 210 | 8.50  | 8.25  | 250 | 250 | 10.00 | 10.00 | 375 | 5                            | 75                  | 3                            | 45                  |
| 150(6")               | 150 | 240 | 240 | 9.51  | 9.25  | 280 | 285 | 10.98 | 11.00 | 386 | 5                            | 75                  | 3                            | 45                  |
| 200(8")               | 200 | 290 | 295 | 11.75 | 11.50 | 330 | 340 | 13.50 | 13.25 | 420 | 5                            | 75                  | 3                            | 45                  |
| 250(10")              | 250 | 355 | 350 | 14.25 | 14.00 | 400 | 395 | 15.98 | 16.00 | 445 | 5                            | 75                  | 3                            | 45                  |

- \* The dimension table is calculated based on PVC material.
  - \* The valve of test pressure is calculated based on PVC PVDF materials.
  - \* The valve of test pressure for PP material is 70% based on the table.
- The flanged length tolerance is according to EN558-1:1995.

