

Dimensions & Flow of Flanged Y-Strainer (ANSI & AWWA)

DIMENSIONS AND PERFORMANCE

| DN | PSI | L (mm) | D (mm) | D1 (mm) | b (mm) | n-Φd (mm) | H (mm) |
|-----|-----|-----------|-----------|------------|-----------|--------------|--------|
| 50 | 300 | 200 | 152 | 120.5 | 16 | 4-19.1 | 155 |
| 65 | 300 | 254 | 178 | 139.5 | 17.5 | 4-19.1 | 165 |
| 80 | 300 | 257 | 191 | 152.5 | 19 | 4-19.1 | 180 |
| 100 | 300 | 308 | 229 | 190.5 | 24 | 8-19.1 | 229 |
| 125 | 300 | 397 | 254 | 216 | 24 | 8-22.2 | 285 |
| 150 | 300 | 470 | 279 | 241.5 | 25.5 | 8-22.2 | 311 |
| 200 | 300 | 549 | 343 | 298.5 | 28.5 | 8-22.2 | 394 |
| 250 | 300 | 654 | 406 | 362 | 30.5 | 12-25.4 | 487 |
| 300 | 300 | 759 | 483 | 432 | 32 | 12-25.4 | 547 |

Pressure loss at 15FT/SEC for strainers

| DN | DN50 | DN65 | DN80 | DN100 | DN150 | DN200 | DN250 | DN300 |
|------------------------|------|------|------|-------|-------|-------|-------|-------|
| Flow loss (PSI) | 6.72 | 4.18 | 3.82 | 3.76 | 4.44 | 3.9 | 3.56 | 3 |

The flange dimensions are in accordance with ASME B16.1 Class 125. Dimensions of ASME B16.42 Class 150 are available upon request.

Sign Off:

Owner: _____ Contractor: _____ Engineer: _____
 Location: _____ Date: _____ Approved & Date: _____