



Y-Strainer

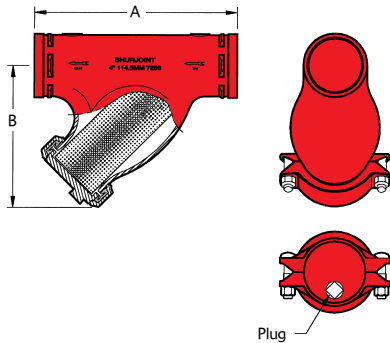
Class 726

Technical Features

- Available sizes (Pipe Size) : DN50/2" through DN300/12".
- Max Working Pressure : Up to DN150/6" 20 bar (300 psi)
All sizes larger than DN150/6" 12 bar (175 psi)
- Material : Ductile Iron to ASTM A536, Gr. 65-45-12.
- Finish : Painted Red, Galvanised or Epoxy Coated.
- Connections : Grooved-end specifications conform to ANSI/AWWA C606-97 and can be used for fire sprinkler pipe systems in conjunction with any grooved coupling or component.



Class 726
Y-Strainer



Grooved Products

Y-Strainer - Class 726

Physical Data

| Nominal Size | | Pipe O.D. | | Dimensions (mm/inch) | | | Plug Size | Reference | | |
|--------------|--------|-----------|--------|----------------------|-------------|-------------|-----------|----------------|---------|------------|
| mm | inch | mm | inch | A | B | C* | | Spare Strainer | Painted | Galvanized |
| 50 | 2" | 60.3 | 2.375 | 248 / 9.75 | 181 / 7.13 | 116 / 4.56 | 1/2" | SS820 | 726/060 | 726/060G |
| 65 | 2 1/2" | 73.0 | 2.875 | 273 / 10.75 | 199 / 7.83 | 122 / 4.80 | 1/2" | SS825 | 726/073 | 726/073G |
| 65 | 2 1/2" | 76.1 | 3.000 | 273 / 10.75 | 199 / 7.83 | 122 / 4.80 | 1/2" | SS825 | 726/076 | 726/076G |
| 80 | 3" | 88.9 | 3.500 | 299 / 11.75 | 221 / 8.70 | 129 / 5.08 | 1" | SS830 | 726/089 | 726/089G |
| 100 | 4" | 114.3 | 4.500 | 362 / 14.25 | 269 / 10.59 | 168 / 6.61 | 1" | SS840 | 726/114 | 726/114G |
| 125 | 5" | 141.3 | 5.500 | 419 / 16.50 | 330 / 13.00 | 258 / 10.16 | 1" | SS850 | 726/141 | 726/141G |
| 150 | 6" | 165.1 | 6.500 | 470 / 18.50 | 357 / 14.05 | 219 / 8.62 | 1" | SS860 | 726/165 | 726/165G |
| 150 | 6" | 168.3 | 6.625 | 470 / 18.50 | 357 / 14.05 | 219 / 8.62 | 1" | SS860 | 726/168 | 726/168G |
| 200 | 8" | 219.1 | 8.625 | 610 / 24.00 | 454 / 17.87 | 284 / 11.18 | 1 1/2" | SS880 | 726/219 | 726/219G |
| 250 | 10" | 273.0 | 10.750 | 686 / 27.00 | 522 / 20.55 | 320 / 12.60 | 1 1/2" | SS810 | 726/273 | 726/273G |
| 300 | 12" | 323.9 | 12.750 | 762 / 30.00 | 609 / 24.00 | 366 / 14.40 | 1 1/2" | SS812 | 726/324 | 726/324G |

* C dimension is the length of the strainer for removal

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Cv Values

| Nominal Size | | Cv Value | Nominal Size | | Cv Value |
|--------------|--------|----------|--------------|------|----------|
| mm | inch | | mm | inch | |
| 50 | 2" | 59 | 200 | 8" | 1010 |
| 65 | 2 1/2" | 92 | 250 | 10" | 1800 |
| 80 | 3" | 162 | 300 | 12" | 2800 |
| 100 | 4" | 284 | 350 | 14" | 4600 |
| 125 | 5" | 410 | 400 | 16" | 5800 |
| 150 | 6" | 770 | | | |

Flow Data - Cv Values

Values for flow of water at +16°C (+60°F)

$$Cv = \frac{Q}{\sqrt{\Delta P}}$$

Where: Cv = Flow coefficient

Q = Flow (GPM)

ΔP = Pressure Drop (psi)