



## Ductile Iron Y-Type Strainer PN16 Fig. VARV4

### Specification

- ✓ Flange drilling complies with EN 1092-2, Pressure Rating PN16
- ✓ Rated Working Pressure: 16 bar
- ✓ Stainless Steel 304 Screen
- ✓ Suitable for Potable Water, HVAC, Plumbing and Non-Corrosive Liquids
- ✓ WRAS Approved Product

### Material Specification

| Item | Part Name   | Material                  | Specification       |
|------|-------------|---------------------------|---------------------|
| 1    | Valve Body  | Ductile iron              | EN-GJS-450-10       |
| 2    | Screen      | Stainless Steel 304       | 1.4301 / EN 10088-3 |
| 3    | Gasket      | Flexible graphite         |                     |
| 4    | Cover       | Ductile iron              | EN-GJS-450-10       |
| 5    | Plug        | Malleable iron Galvanized |                     |
| 6    | Bolt        | Carbon Steel Zinc Plated  | EN ISO 898-1        |
| 7    | Flat Washer | Carbon Steel Zinc Plated  | EN ISO 898-1        |

### Corrosion Protection

WRAS Listed Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

### PRESSURE/ TEMPERATURE RATING

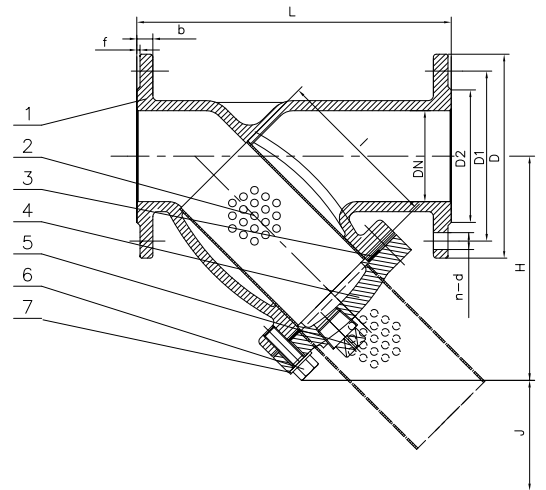
- ✓ 16 bar from -10°C to 85°C
- WRAS Approved to -10°C to 85°C

### Main Dimensions (mm)

| Size | DN50        | DN65        | DN80    | DN100   | DN125   | DN150   | DN200   |
|------|-------------|-------------|---------|---------|---------|---------|---------|
|      | 2"          | 2 1/2"      | 3"      | 4"      | 5"      | 6"      | 8"      |
| L    | 230         | 290         | 310     | 350     | 400     | 480     | 600     |
| D    | 165         | 185         | 200     | 220/235 | 250     | 285/300 | 340/360 |
| D1   | 125         | 145         | 160     | 180/190 | 210     | 240/250 | 295/310 |
| D2   | 99          | 118         | 132     | 145     | 184     | 211     | 266/274 |
| b    | 19          | 19          | 19      | 19      | 19      | 19/20   | 20/22   |
| f    | 3           | 3           | 3       | 3       | 3       | 3       | 3       |
| H    | 140         | 175         | 198     | 229     | 287     | 304     | 370.5   |
| Size | DN250       | DN300       | DN350   | DN400   | DN450   | DN500   | DN600   |
|      | 10"         | 12"         | 14"     | 16"     | 18"     | 20"     | 24"     |
| L    | 730         | 850         | 838     | 864     | 1200    | 1250    | 1450    |
| D    | 405/425     | 460/485     | 520     | 580     | 640     | 715     | 840     |
| D1   | 350/355/370 | 400/410/430 | 460/470 | 515/525 | 565/585 | 620/650 | 725/770 |
| D2   | 319/330     | 370/389     | 429     | 480     | 530/548 | 582/609 | 682/720 |
| b    | 22/24.5     | 24.5/27.5   | 26.5    | 28      | 30      | 31.5    | 36      |
| f    | 3           | 4           | 4       | 4       | 4       | 4       | 5       |
| H    | 469         | 540         | 625     | 715     | 862     | 926     | 1057    |

### HYDROSTATIC TEST PRESSURE

- ✓ Shell - 24 bar
- ✓ Seat - 17.6 bar



### Notes:

1. Flange specification: EN BS 1092-2 ;

### Mesh (mm)

| SIZE     | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
|----------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Hole Dia | 2  | 2  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 3   | 3   | 3   |

### Notes

Specifications, materials and dimensions shown are subject to change without prior notice

