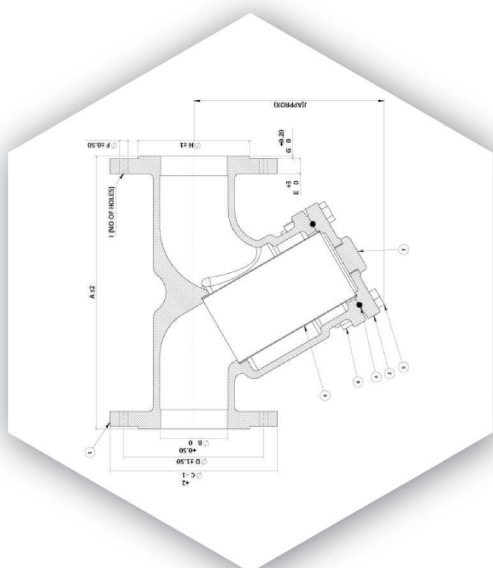


DUCTILE IRON Y-STRAINER (ST25)



SCREEN DIMENSIONS



SCREEN DIMENSIONS

| SIZE | HOLE SIZE | OPEN RATIO | THICKNESS |
|-----------|-----------|------------|-----------|
| 25-80MM | 1.9MM | 35% | 26 GAUGE |
| 100-150MM | 2.5MM | 40% | 24 GAUGE |
| 200-300MM | 5.0MM | 48% | 22 GAUGE |

DIMENSIONS & WEIGHTS

| Size | A | B | C | D | E | F | G | H | I | J | Weight (kg) |
|---|-----|-----|-----|-----|------|----|---|-----|----|-----|-------------|
| 65 MM | 290 | 65 | 185 | 145 | 16 | 19 | 3 | 118 | 4 | 225 | 14.50 |
| 80 MM | 310 | 80 | 200 | 160 | 16 | 19 | 3 | 132 | 8 | 260 | 18.50 |
| 100MM | 350 | 100 | 220 | 180 | 16 | 19 | 3 | 156 | 8 | 300 | 24.50 |
| 125MM | 400 | 125 | 250 | 210 | 16 | 19 | 3 | 184 | 8 | 350 | 37.50 |
| 150MM | 450 | 150 | 285 | 240 | 16 | 23 | 3 | 211 | 8 | 395 | 54 |
| 200MM | 600 | 200 | 340 | 295 | 17 | 23 | 3 | 266 | 12 | 460 | 97.50 |
| 250MM | 730 | 250 | 400 | 355 | 19 | 28 | 3 | 319 | 12 | 635 | 156 |
| 300MM | 850 | 300 | 455 | 410 | 20.5 | 28 | 4 | 370 | 12 | 500 | 230 |
| Bigger sizes can be provided as per request | | | | | | | | | | | |

FEATURES & BENEFITS

- Perforated stainless steel screen & Robust design.
- Low flow resistance and offer 35% open area and above.
- Streamlined flow contours minimize pressure drop.
- Compact design with short face to face.
- 200 Micron Fusion Bonded Epoxy Powder coated internal and external ensured barrier to corrosive chemicals, moisture and humid air.
- Asbestos-free non-stick gasket.
- Comprehensive flow characteristics.
- These strainers must not be used in an end of line application without a blanking flange being fitted on the downstream end of the valve.

MATERIAL SPECIFICATION

| Part No. | Part Name | Material |
|----------|---------------|-------------------------------------|
| 1 | BODY | DUCTILE IRON : BS EN 1563 EN-JS1050 |
| 2 | BONNET | DUCTILE IRON : BS EN 1563 EN-JS1050 |
| 3 | SCREEN | STAINLESS STEEL |
| 4 | GASKET/O-RING | RUBBER : EPDM |
| 5 | STUD | CARBON STEEL : BS 4439 GR.8.8 |
| 6 | NUT | CARBON STEEL : BS 3692 GR.8 |
| 7 | PLUG | DUCTILE IRON : BS EN 1563 EN-JS1030 |

PRESSURE / TEMPERATURE RATING

| | |
|-----------------|---------------|
| Pressure Rating | 25 bar |
| Temperature | -10 to 120 °C |

TEST PRESSURE

| | |
|-------|----------|
| Shell | 37.5 bar |
|-------|----------|

PLUG DIMENSIONS

| SIZE | THREAD SIZE |
|------------|-------------|
| 65-100 MM | 1/2" BSP |
| 125-250 MM | 3/4" BSP |
| 300 MM | 1" BSP |

SPECIFICATION

- Strainers fitted with stainless steel perforated stainer element.
- Stainless Screens fitted into Strainers confirm to the high standards of materials.
- Face to Face : BS EN 558:2008.
- End connection : BS EN 1092-1.
- Testing Standard : BS EN 12266-2.

TFL Valves Quality Policy Is Complete Satisfaction Of Customers. According To That We Have Selected QUALITY As A Strategic factor in application to all our organization. Our purpose is to reinforce competitiveness, to ensure customer satisfaction, to improve process related with product quality and guarantee accomplishment of quality requirements.