# DUCTILE IRON Y-STRAINER (PLDIYST16)

## FEATURES & BENEFITS

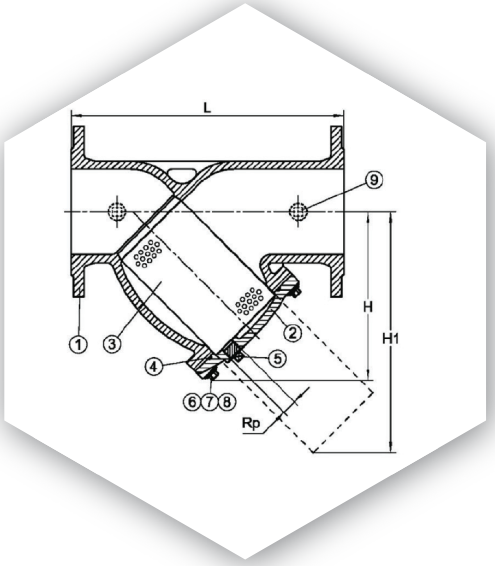
- Perforated stainless steel screen & Robust design,
- Low flow resistance and Offers 35% open Area.
- Streamlined flow contours minimize pressure drop.
- Compact design with short face to face.
- Asbestos-free non-stick gasket.
- These strainers must not be used in an end of line application without a blanking flange being fitted on the downstream end of the valve.
- Bodies are with Epoxy coating, providing excellent corrosion and wear resistance to the valve's surface. Epoxy coating offers Chemical Resistance Weather ability -Abrasion Resistance Impact Resistance.

## MATERIAL SPECIFICATION

| Part No. | Part Name | Material |
|---|---|---|
| 1* | BODY | DUCTILE IRON (BSEN1563 EN-GJS-1050) |
| 2* | COVER | DUCTILE IRON (BSEN1563 EN-GJS-1050) |
| 3* | SCREEN | STAINLESS STEEL (BS EN 10088 *5Cr Ni18-10) |
| 4* | PACKING | EPDM |
| 5* | DRAIN PLUG | STAINLESS STEEL (BS EN 10088 *5Cr Ni18-10) |
| 6* | BOLT | CARBON STEEL GAVANISED (EN 10083-2C45) |
| 7* | SPRING WASHER | CARBON STEEL GAVANISED (EN 10132-4C67S) |
| 8* | WASHER | CARBON STEEL GAVANISED (EN 10083-2C45) |
| 9* | TEST PLUG | STAINLESS STEEL (BS EN 10088 *5Cr Ni18-10) |

NOTE : Above Part No. with"*"is the Components which will touch with media.

## DIMENSIONAL DRAWINGS




## PRESSURE / TEMPERATURE RATING

| | |
|---|---|
| Pressure Rating | 16 bar |
| Temperature | -10 to 85 °C |

## TEST PRESSURES

| | |
|---|---|
| Shell | 24 bar |
| Seat | 17.6 bar |

## DIMENSIONS & WEIGHTS

| Size | L | H | H1 | R1 (Drain plug) | Mesh Dia | Weight (kg) |
|---|---|---|---|---|---|---|
| 65 MM | 290 | 137 | 205 | 3/8" | 1.5 | 14.5 |
| 80 MM | 310 | 152 | 238 | 3/8" | 1.5 | 17.5 |
| 100 MM | 350 | 205 | 318 | 3/8" | 1.5 | 22.5 |
| 125 MM | 400 | 244 | 358 | 3/8" | 1.5 | 24 |
| 150 MM | 480 | 269 | 380 | 3/8" | 1.5 | 54 |
| 200 MM | 600 | 341 | 508 | 1/2" | 2.5 | 97.5 |

## SPECIFICATION

- Strainers fitted with stainless steel perforated strainer.
- Coating/panits: Epoxy powder coated.
- End connection: BS EN 1092-2 PN16.
- Rating: PN16.
- Testing: EN 12266-1.
- Face to Face: BS EN 558-1.

*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.*