

UNIMECH GROUP, MALAYSIA



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Y-TYPE STRAINER FLANGED END BS TABLE E



ARF-805FE (B)

Arita Cast Iron Y-Strainer is a device which provides a means to remove debris from a flowing fluid in a pipeline. A perforated screen or mesh is used to trap the debris in the strainer chamber. The strainer chamber is designed with a plug or cover that can be easily removed for maintenance purposes. The Y-Strainer can be installed either in horizontal or vertical down position and must be always before the valve or equipment.

Dimension in mm (BS TABLE E)

| SIZES | | BORE DIAMETER | L | H | Cv | WT KG |
|-------|-------|------------------|-----|-----|------|----------|
| DN | In. | | | | | |
| 40 | 1 1/2 | 40 | 193 | 110 | 26 | 6 |
| 50 | 2 | 50 | 234 | 160 | 50 | 9 |
| 65 | 2 1/2 | 65 | 270 | 190 | 94 | 14 |
| 80 | 3 | 80 | 295 | 210 | 160 | 17 |
| 100 | 4 | 100 | 355 | 260 | 260 | 27 |
| 125 | 5 | 125 | 400 | 300 | 480 | 46 |
| 150 | 6 | 150 | 455 | 330 | 750 | 54 |
| 200 | 8 | 200 | 554 | 400 | 1300 | 90 |
| 250 | 10 | 250 | 660 | 500 | 2300 | 136 |
| 300 | 12 | 300 | 795 | 600 | 3000 | 213 |
| 350 | 14 | 350 | 910 | 650 | 5400 | 225 |

Note : Cv = US Gallon per minutes

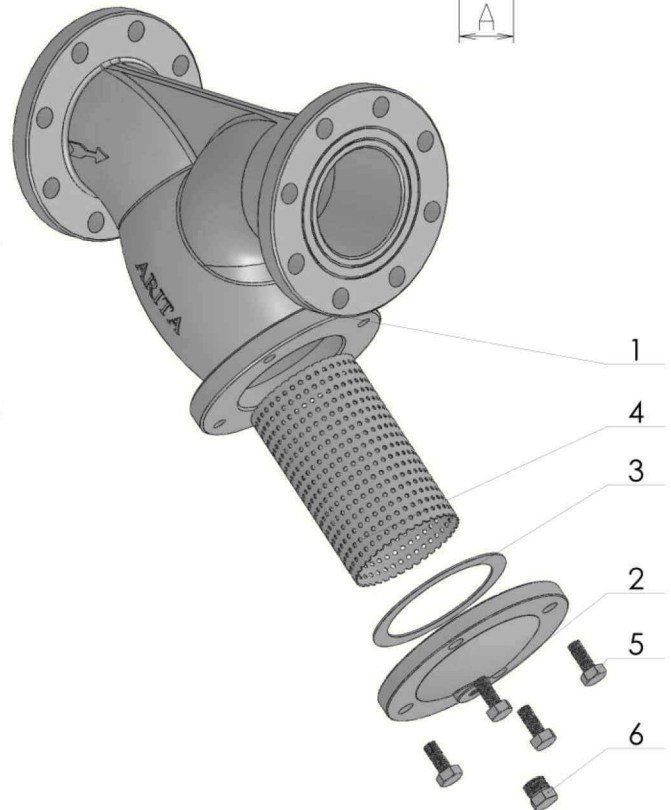
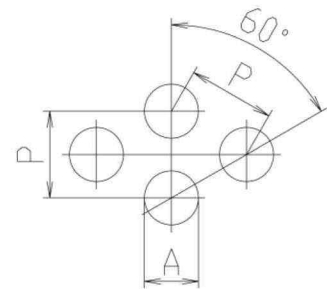
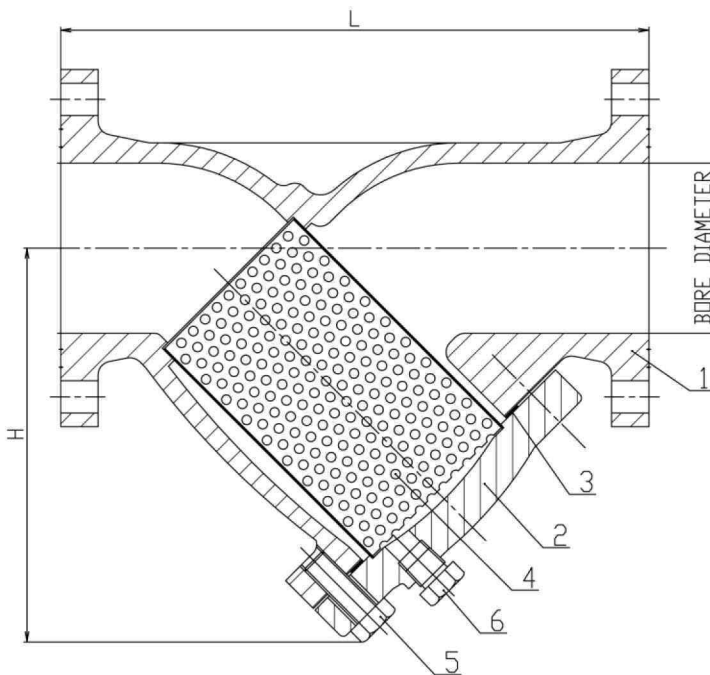
Screen Dimensions

| Size | A | P | Thickness |
|-----------|-----|-----|-----------|
| 1 1/2"~4" | 1.5 | 3.0 | 0.5 |
| 5"~10" | 3.0 | 5.0 | 0.7 |
| 12"~14" | 5.0 | 8.0 | 0.8 |

Material

| No. | PART | QTY. | MATERIAL |
|-----|----------|------|------------|
| 1 | BODY | 1 | EN-GJL-200 |
| 2 | CAP* | 1 | EN-GJL-200 |
| 3 | GASKET | 1 | ASBESTOS |
| 4 | SCREEN | 1 | CF8 |
| 5 | CAP BOLT | 4~12 | MILD STEEL |
| 6 | PLUG | 1 | MILD STEEL |

Note* : Size 1 1/2" with plug cover



Pressure Test

| Working Pressure | Hydrostatic Test | |
|-----------------------|------------------|-----------------------|
| 14kgf/cm ² | Body | 21kgf/cm ² |

Pressure - Temperature

| Temperature °C | -10 ~ 120 | 150 | 180 | 200 |
|-------------------------------------|-------------|------------|------------|------------|
| Pressure Mpa (Kgf/cm ²) | 0.98 (10.0) | 0.88 (9.0) | 0.83 (8.5) | 0.78 (8.0) |

* Note: For non-shock water, at 120°C, the allowable pressure is 1.37Mpa (14kgf/cm²)

Design Standard:

BS 10 : Part 2
ARITA Std.
BS EN 12266-1

Flanged Ends
Face to Face Distance
Test Standard



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