



UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

Y-TYPE STRAINER FLANGED END PN16



ARF-805FE(D)

Arita Cast Iron Y-Strainer is a device which provides a mean 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.

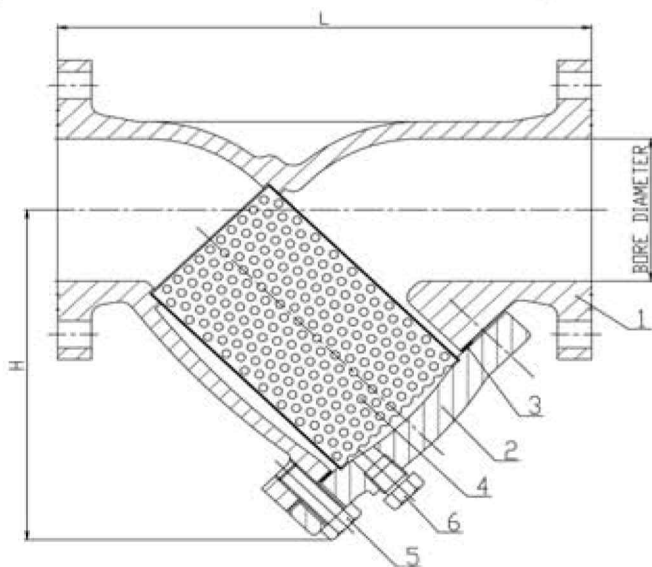
Dimension in mm (PN 16)

| SIZES | | ΦD | L | H | Cv | WT. (KG) |
|-------|-----|-----|-----|-----|------|-------------|
| DN | in. | | | | | |
| 40 | 1½ | 40 | 193 | 110 | 26 | 6 |
| 50 | 2 | 50 | 234 | 160 | 50 | 9 |
| 65 | 2½ | 65 | 270 | 190 | 94 | 14 |
| 80 | 3 | 80 | 295 | 210 | 160 | 17 |
| 100 | 4 | 100 | 355 | 260 | 260 | 29 |
| 125 | 5 | 125 | 400 | 300 | 480 | 44 |
| 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 |
|-----------|-----|-----|-----------|
| 1½" ~ 4" | 1.5 | 3.0 | 0.5 |
| 5" ~ 10" | 3.0 | 5.0 | 0.7 |
| 12" ~ 14" | 5.0 | 8.0 | 0.8 |



Pressure Test

| Working Pressure | Hydrostatic Test | |
|------------------------|------------------|------------------------|
| 16 kgf/cm ² | Body | 24 kgf/cm ² |

Pressure - Temperature

| Temperature °C | -10 ~ 120 | 150 | 180 | 200 |
|-------------------------------------|-------------|-------------|-------------|-------------|
| Pressure Mpa (Kgf/cm ²) | 1.56 (16.0) | 1.40 (14.4) | 1.32 (13.6) | 1.24 (12.8) |

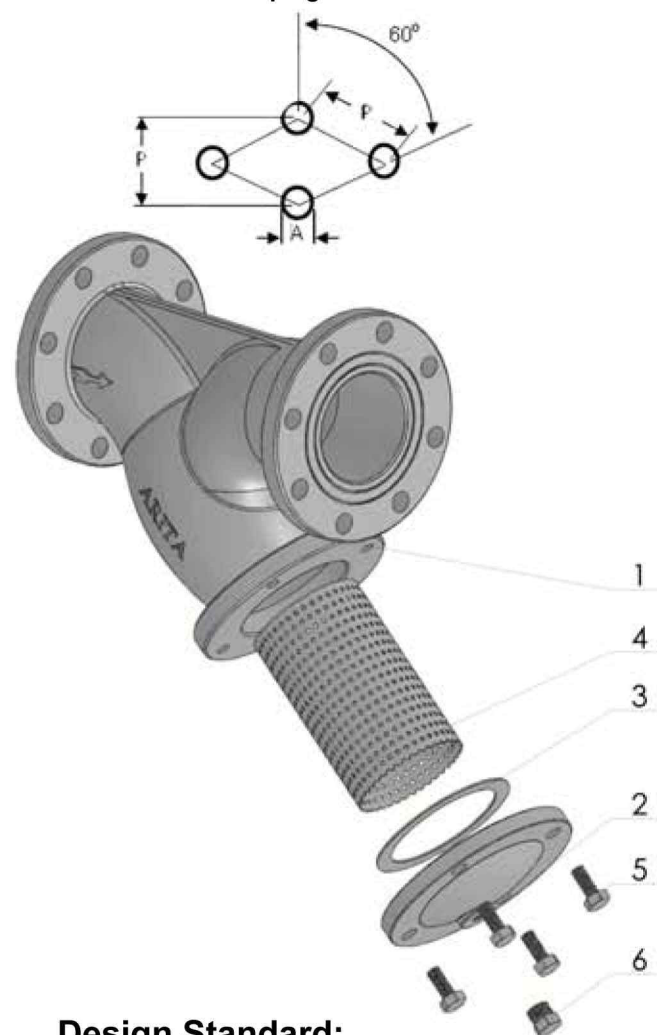
* Note: For non-shock water, at 120°C, the allowable pressure is 1.56Mpa (16kgf/cm²)

Technical Data

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 1½" with plug cover



Design Standard:

| | |
|----------------|-----------------------|
| DIN EN 1092-2 | Flanged Ends |
| ARITA Std. | Face to Face Distance |
| DIN EN 12266-1 | Test Standard |



A MEMBER OF UNIMECH GROUP, MALAYSIA

The contents of this literature are for informative purposes only. Arita is not responsible for suitability or compatibility of these products in relation to system requirement. For specific requirements, consult Arita or its distributors. Arita reserves the right to change or modify product design without prior notice.

© 2011 Arita Valve ARF-805FE(D) 08/11

ARITA is a registered trade mark of Unimech Group, Malaysia.