



UNIMECH GROUP, MALAYSIA



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Y-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.

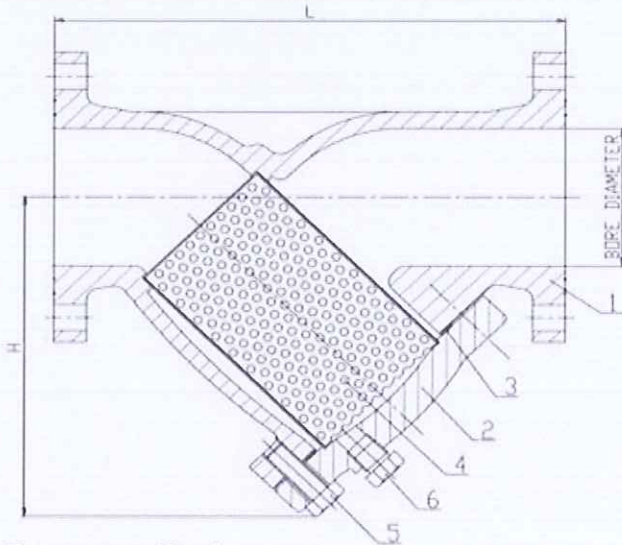
Dimension in mm (PN 16)

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)

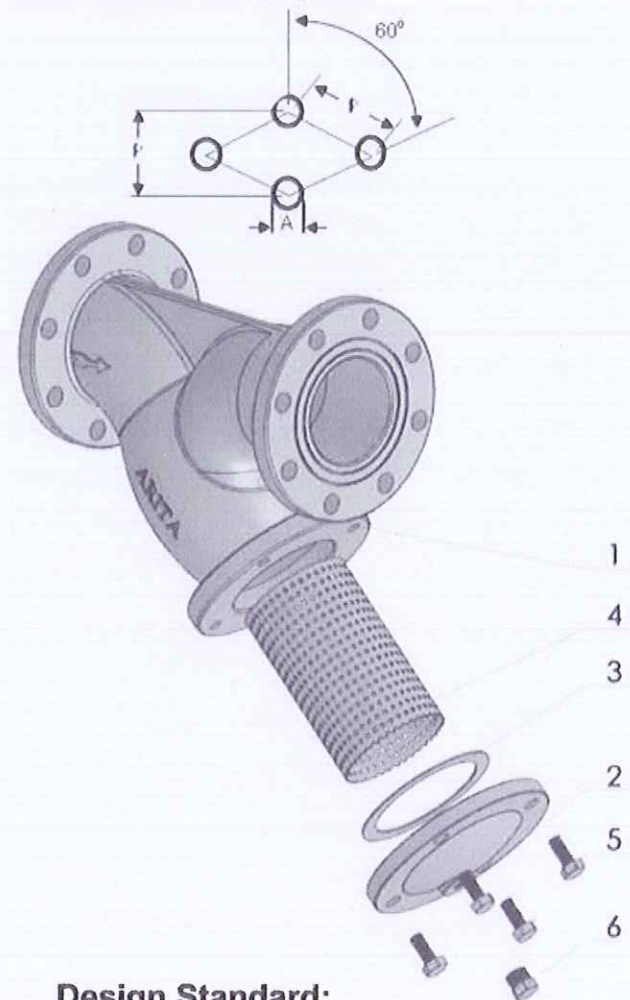
* Note: For non-shock water, at 120°C, the allowable pressure is 1.56Mpa (16kgf/cm²)

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



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