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Y-STRAINER FLANGED END JIS 10K

ARF-805FE(J)

Arita Cast Iron Y-Strainer is a devices 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
(JIS 10K)

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

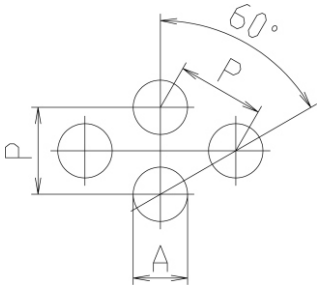
Material

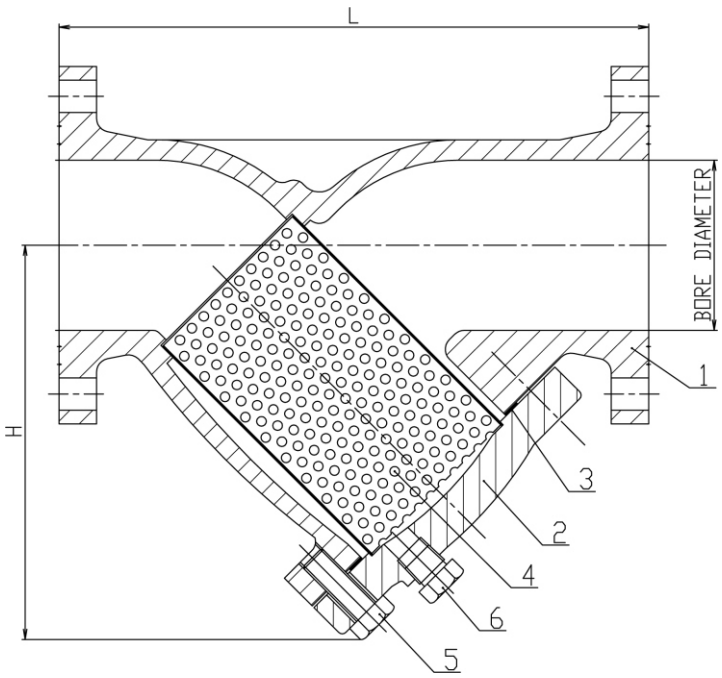
No.	PART	QTY.	MATERIAL
1	BODY	1	FC 200
2	CAP*	1	FC 200
3	GASKET	1	ASBESTOS
4	SCREEN	1	SUS 304
5	CAP BOLT	4~12	MILD STEEL
6	PLUG	1	MILD STEEL

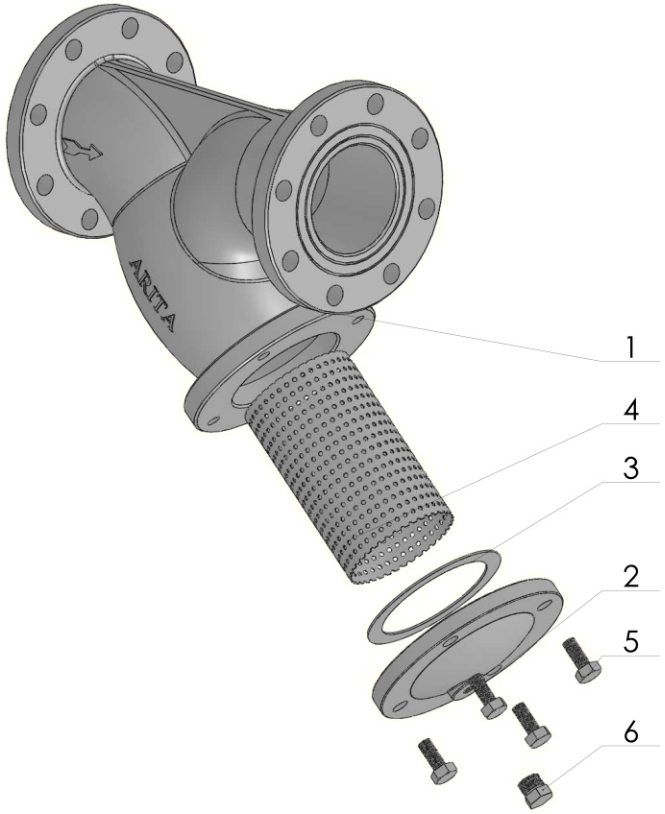
Note* : Size 1 ½″ with plug cover

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







Pressure Test

Working Pressure	Hydrostatic Test	
14kgf/cm^2	Body	21kgf/cm^2

Design Standard:

JIS B2210 — Flanged Ends
ARITA Std. — Face to Face Distance
JIS B2003 — Test Standard

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^{0}C, the allowable pressure is 1.37Mpa (14kgf/cm^2)

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Y-STRAINER FLANGED END CLASS 125

ARF-805FE(A)

Arita Cast Iron Y-Strainer is a devices 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
(CLASS 125)

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	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

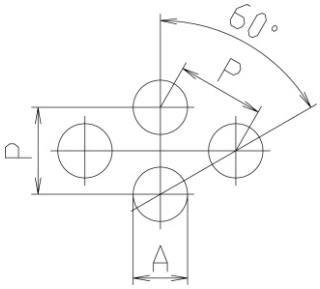
Screen Dimensions

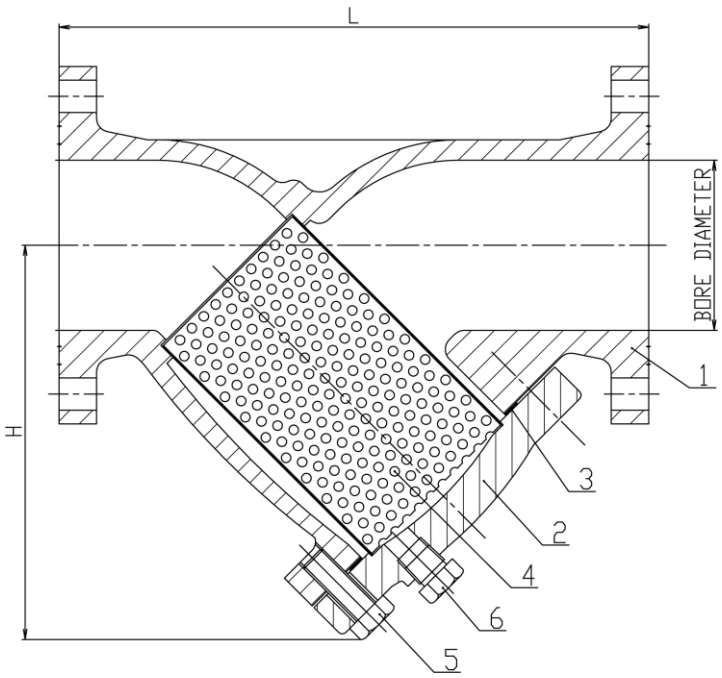
Size	A	P	Thickness
1 1/2"~4"	1.5	3.0	0.5
5"~10"	3.0	5.0	0.7
12"~14"	5.0	8.0	0.8

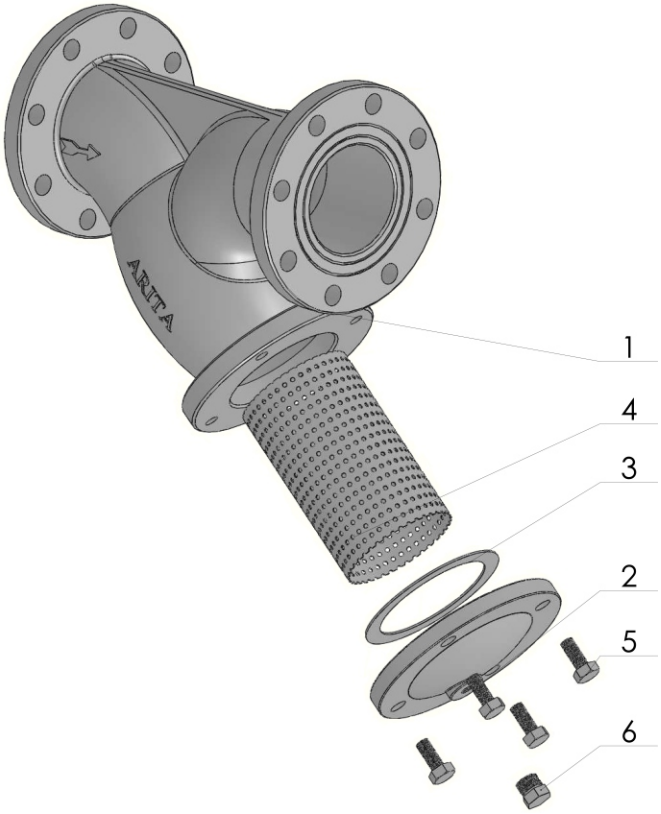
Material

No.	PART	QTY.	MATERIAL
1	BODY	1	ASTM A126 CLASS B
2	CAP*	1	ASTM A126 CLASS B
3	GASKET	1	ASBESTOS
4	SCREEN	1	CF8
5	CAP BOLT	4~12	MILD STEEL
6	PLUG	1	MILD STEEL

Note* : Size 1 ½″ with plug cover







Pressure Test

Working Pressure	Hydrostatic Test	
200 psi	Body	300 psi

Design Standard:

ANSI B16.1	Flanged Ends
ARITA Std.	Face to Face Distance
API 598	Pressure Test

Pressure - Temperature

Temperature °C	-10 ~ 120	150	180	200
Pressure psi (Kgf/cm^2)	145 (10.0)	130 (9.0)	123 (8.5)	116 (8.0)

* Note: For non-shock water, at 120^{0}C, the allowable pressure is 200 psi (14kgf/cm^2)

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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.

