



UNIMECH GROUP, MALAYSIA



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Y-STRAINER SCREWED END



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.

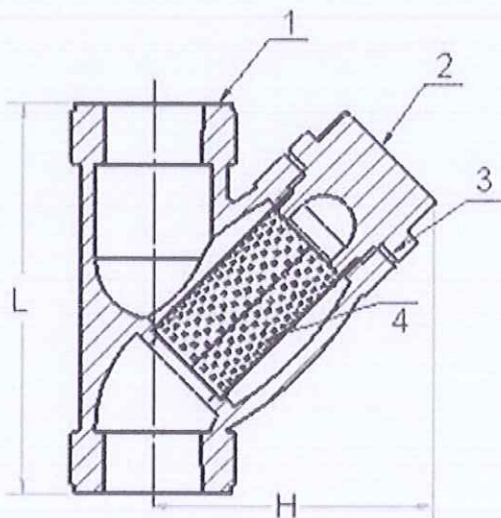
Dimension in mm (Screwed End JIS 16K)

SIZES		ΦD	L	H	Cv	WT. (KG)
DN	in.					
15	1/2	15	90	62	20	0.54
20	3/4	20	105	75	40	0.88
25	1	25	125	86	66	1.37
32	1.1/4	32	148	98	120	2.22
40	1.1/2	40	163	107	195	2.70
50	2	50	180	122	310	4.14

Note : Cv = US Gallon per minutes

Screen Dimensions

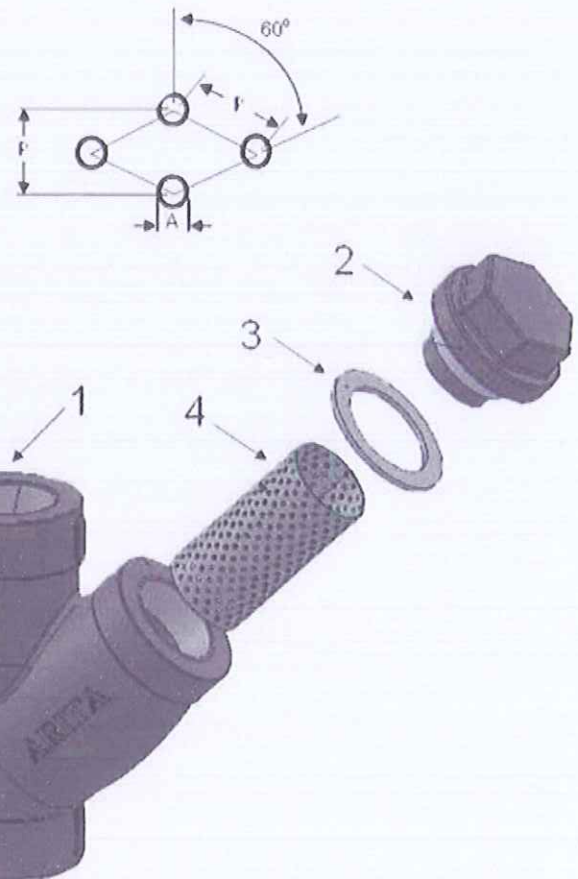
Size	A	P	Thickness
1/2" ~ 2"	1.5	3.5	0.5



Technical Data

Material

No.	PART	QTY.	MATERIAL
1	BODY	1	FC 200
2	CAP	1	FC 200
3	GASKET	1	ASBESTOS
4	SCREEN	1	SUS 304



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)

Design Standard:

BS 21 (BSPT)
ARITA Std.
JIS B2003

Screwed Ends
Face to Face Distance
Test Standard



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