CAST IRON

'Y' TYPE STRAINER

INTRODUCTION
Leader 'Y' type Strainer offers best solution for separation and segregation for pump protection, flow meter protection, valves protection, regulator protections. In water handling equipments it works to save from damage through sand or any other solid particles.

PRINCIPAL FEATURES
- Designed to manufacturer standard.
- Y' Type pattern, Screwed in Cover.
- SS (Type 304) Screen Having 1mm Dia Perforation snugly fitted on machined surface to ensure no particle larger than the screen opening can escape around the end of the screen.
- Filtration area approximately 3 time more than flow bore area of the body.
- Body cavity with largest possible filtration area to counter decrease in flow rate caused by clogging.
- Fine finish and smooth contours of flow way reduce the pressure drop.
- Screen is guided both in body and cover.
- Strainer may be installed in vertical lines and horizontal lines with effectiveness.
- Cover of the valve as acts as drain plug to drain out the foreign particles accumulated in the strainer.
- Screwed Female BSP Parallel Threads to BS:21.

END CONNECTION
Screwed Female BSP Parallel Threads to BS:21.

UTILISATION & SERVICE
"LEADER" Cast Iron 'Y' Type Strainer are suitable for above-ground installations.
Best suited for potable water, treated fresh water, neutral liquids & some gases.

WORKING PRESSURE
Maximum Working Pressure: 16 Bar.
See Pressure / Temperature Diagram.

TEMPERATURE LIMITS
Maximum Working temperature: 220ºC.
See Pressure / Temperature Diagram.

Item Code:	CI0092
Pressure Rating:	PN-16
Testing Standard:	Mfg. Standard
Size Range:	15mm to 50mm
Product Standard:	Mfg. Standard

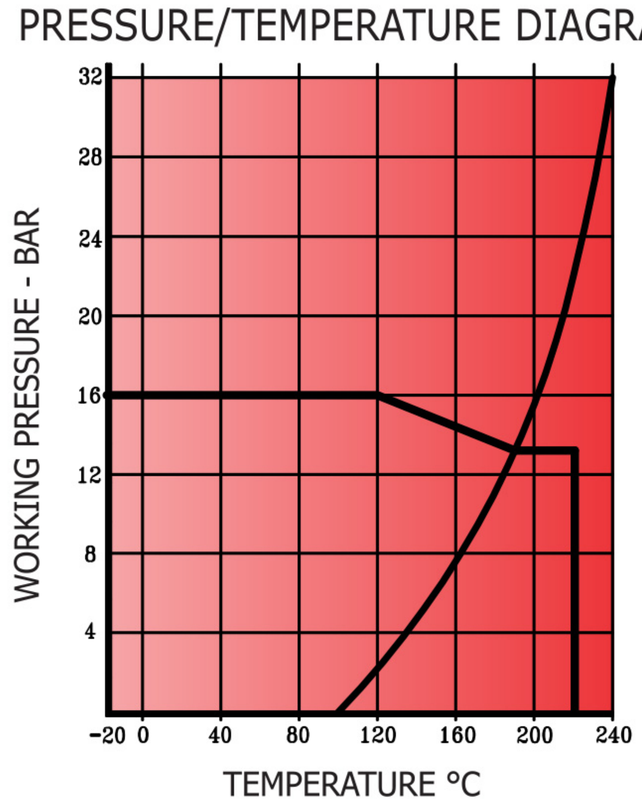
SUITABLE FOR

Water	Oil	Air	Gases	Steam
✓		✓		

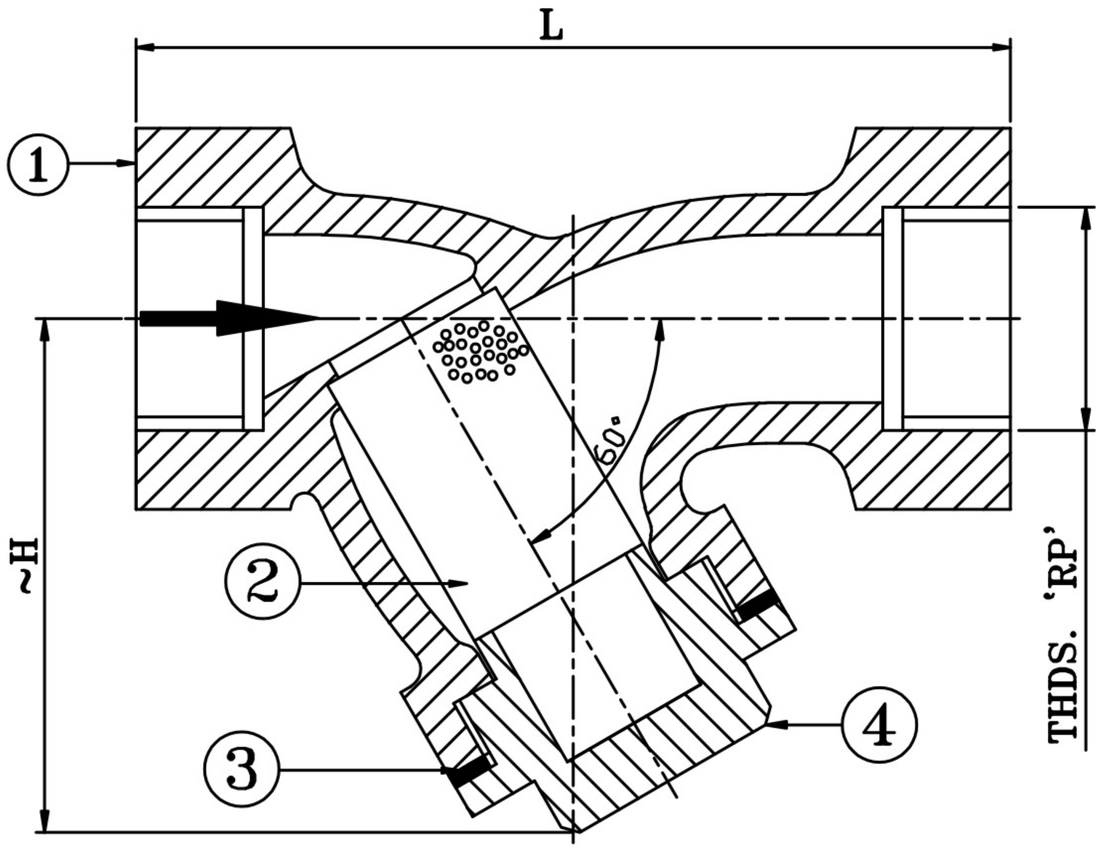
TEST PRESSURE (Hydrostatic)

Rating	PN-16
Body (Hyd.)	24 Bar

PRESSURE/TEMPERATURE DIAGRAM



Note : The above data is subject to change without notice due to our continuing product improvement program.

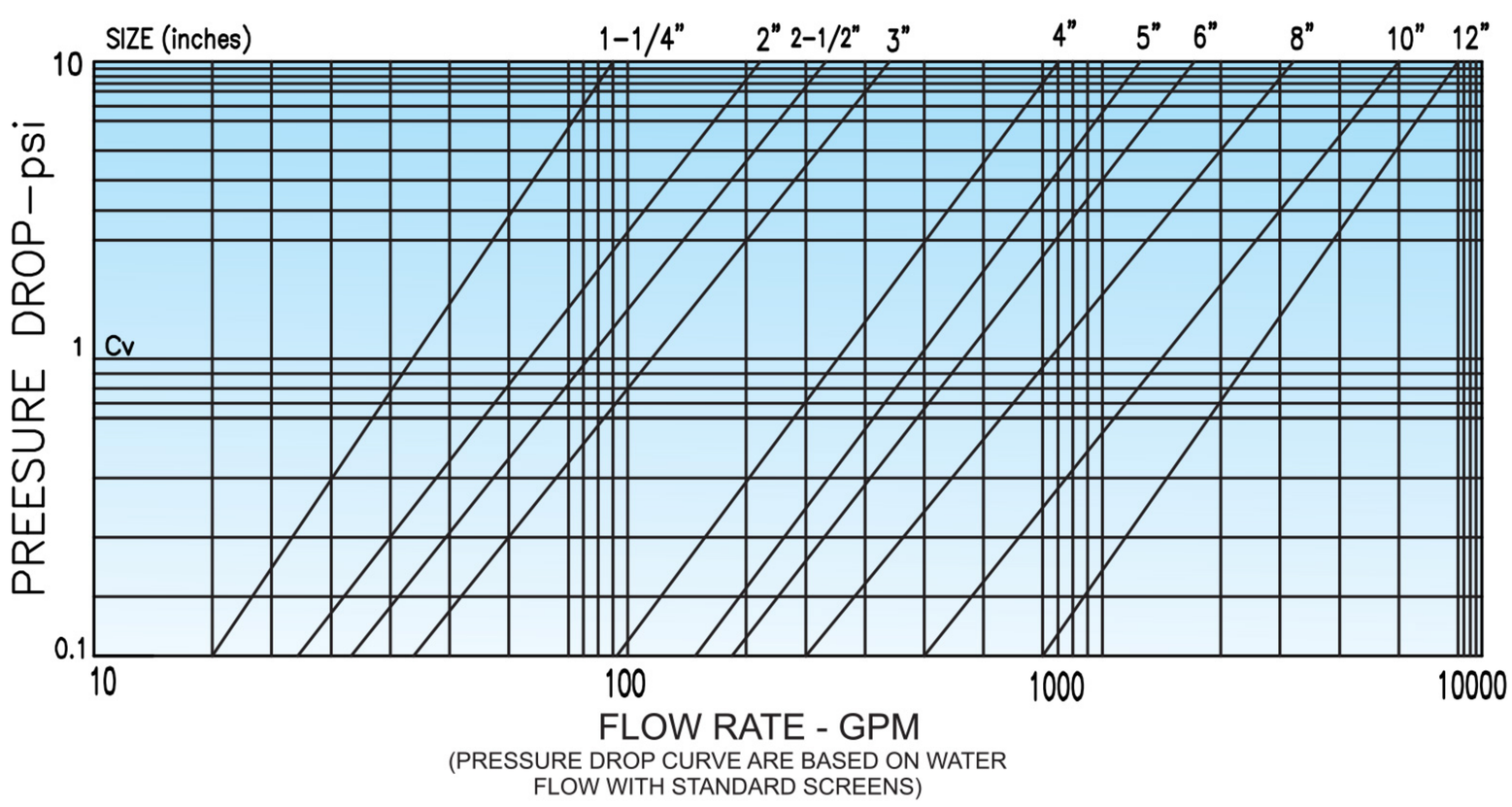


MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	CAST IRON	BSEN 1561 Gr. GJL200
2	GASKET	STAINLESS STEEL	TYPE 304 1MM DIA PERFORATION
3	PLUG	C.N.A.F.	-----
4	COVER	CAST IRON	BSEN 1561 Gr. GJL200

DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65
L	102 ±2	128 ±2	145 ±2	145 ±3	180 ±3	211 ±3	244 ±3
~H	85	108	128	145	170	205	255
"Rp"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"



(PRESSURE DROP CURVE ARE BASED ON WATER FLOW WITH STANDARD SCREENS)

Note : The above data is subject to change without notice due to our continuing product improvement program.