

## ANSI Cast Steel Y Strainer

### STRAINER

Type : GL41H-150LBC/P

Nominal Diameter : 2"-12"

Nominal Pressure : 150LB,300LB

Suitable Temperature : : -29°C~450°C

Suitable Medium : Water、Oil、 Gas

Valve body Material : Carbon steel, Stainless steel

Connecting type : Flange

### Product Overview:

The Y-type strainer is an indispensable device for the pipeline series conveying the medium. It is usually installed at the inlet end of the pressure reducing valve, pressure relief valve, fixed water level valve or other equipment to eliminate impurities in the medium to protect the valve and the normal use of the device. WESDOM filter has the characteristics of advanced structure, low resistance and convenient sewage discharge. The applicable medium can be water, oil and gas. WESDOM could provide Y type and basket type strainers.

Filter is to remove the liquid containing solids of small equipment, can protect the compressor, pump and other equipment and instruments, such as the normal operation and operation, to achieve a stable process, the role of security. In addition to improve the quality of products also has a very weight significance, Y series filter is suitable for steam, air, kerosene, water, weak corrosive gases, liquids.

Specification : Flow so fast, small pressure loss, stain resistance, convenient slag.

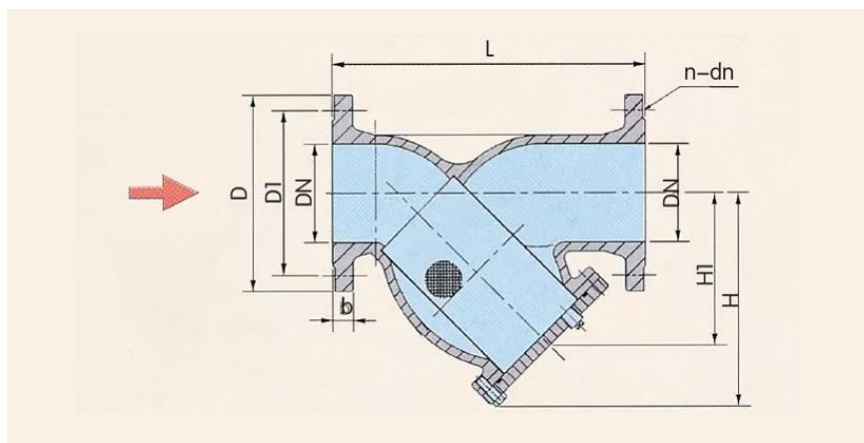
### ANSI "Y" Strainer Standards:

- 1、Design and manufacture in line with MFG standards.
- 2、Test and inspection in accordance with API598
- 3、The structure length is in accordance with the MFG standard.
- 4、Flange size are in line with ANSI B16.5 standards.

### Application Area:

Petroleum, chemical industry, chemical fiber, light industry, water treatment, municipal engineering and other production and living water, industrial liquid gas send

### PARAMETERS



#### ANSI "Y" Strainer Function & Specification :

Pound degree		150Lb	300Lb	600
Testing Pressure	Sheell Testing	3.0MPa	6.5MPa	15MPa
Suitable temperature		-29~425°C		
Suitable medium		Water,Oil,Gas		

#### ANSI "Y" Strainer Main parts & material:

Name	Material
Valve body	Carbon Steel、Stainless Steel
Screen Bonnet	Carbon Steel、Stainless Steel
Screen	Stainless Steel
Sealing	Flexible graphite、PTFE

#### ANSI "Y" Strainer connecting measurement:

DN(in)	ANSI Flange connecting			Thread connection	B	C	Screen areacm2
	150LB	300LB	600LB				
	A	A	A	A			
1/2"	127	127	130	75	70	110	27
3/4"	145	150	150	80	80	130	43
1"	154	160	160	90	90	150	73
1 1/4"	180	180	200	110	130	235	135
1 1/2"	200	210	230	120	147	260	164
2"	230	240	250	140	180	320	251

21/2"	290	290		210	200	325	327
3"	310	310			205	330	361
4"	315	351			255	405	545
5"	410	401			315	510	843
6"	473	478			345	560	1117
8"	593	600			440	710	1909
10"	730	730			503	760	2010