

GL41W Series

● DESCRIPTION

The **strainer** is suitable for domestic water, industrial liquids and gases in the production of petroleum, chemical industry, chemical fiber, light industry, water treatment, municipal engineering, etc., to filter their solid impurities. It is usually installed at the inlet of pumps and compressors or in front of pipelines of flow meters, pipeline valves and pipeline equipment to prevent equipment and pipelines from being blocked and worn.

● INTRODUCTION

The **strainer** is made of cast iron, and the valve body, valve cover and stainless steel **strainer** screen are precision cast. Suitable for steam, air, water, oil and other system pipelines. Protect all kinds of measuring instruments, pumps, valves, steam traps and other equipment. So as to ensure that the installation of all equipment pipelines is free from blockage and damage caused by impurities, rust, welding chips and the like in the pipelines, thereby avoiding maintenance costs and production losses.

● WORKING PRINCIPLE

When liquid or gas enters the **strainer** screen through the main pipe, solid impurity particles are blocked in the **strainer** screen, and clean fluid is discharged through the **strainer** screen and the **strainer** outlet. When cleaning is needed, remove the plug, take out the filter screen, clean it and then reload it.

● FEATURES

1. Replaceable cleaning strainer, easy to use and maintain.
2. The density of the strainer screen is 20 ~ 100 meshes, and the strainer screen can be equipped according to the accuracy required by customers.
3. The filter element net is made of all stainless steel, which has strong corrosion resistance and long service life.
4. Compact structure, large filtering capacity, small pressure loss, wide application range and convenient maintenance.



Ordering Options Table

GL41W - 100 - 30 - N - 25P

Filter type

Filter specification

Nominal DN	Inch	Flange standard
15	1/2"	GB DIN
20	3/4"	
25	1"	
32	1 1/4"	
40	1 1/2"	
50	2"	
65	2 1/2"	
80	3"	
100	4"	
125	5"	
150	6"	
200	8"	
250	10"	
300	12"	
350	14"	
400	16"	
450	18"	
500	20"	

Filtration fineness(μm)

10 20 30 40 60 80 100

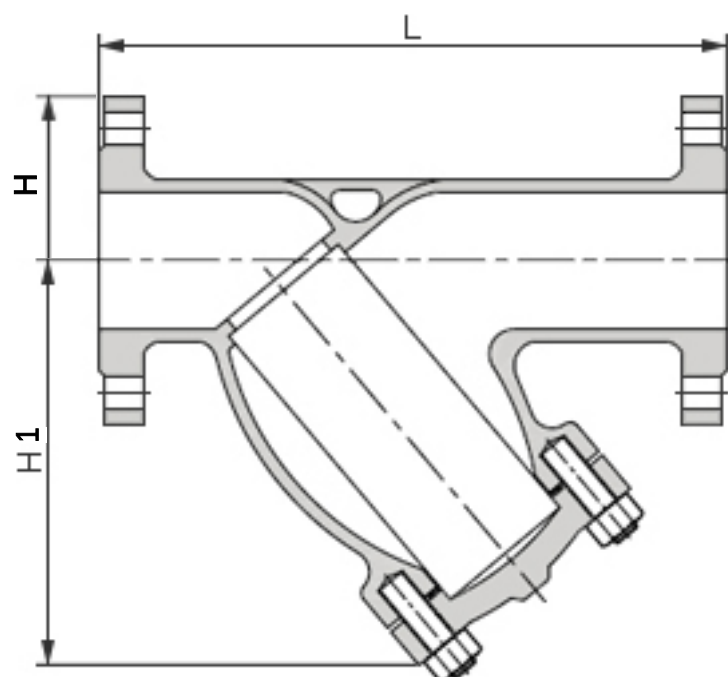
Seals

N: NBR
V: FKM
P: Polytef

Nominal pressure(Bar)

16P 25P 40P 64P

DIMENSIONS



Nominal DN	Unit: mm				
	Inch	L	H	H1	Weight kg
15	1/2"	125	70	150	2
20	3/4"	145	70	150	3
25	1"	160	80	160	3.8
32	1 1/4"	180	90	180	6
40	1 1/2"	200	100	240	7.2
50	2"	220	130	250	10
65	2 1/2"	260	165	350	17
80	3"	280	195	390	20
100	4"	320	230	450	32
125	5"	350	300	520	53
150	6"	380	335	580	66
200	8"	495	420	690	110
250	10"	595	500	800	165
300	12"	640	580	950	225
350	14"	700	640	1150	312
400	16"	800	700	1360	500
450	18"	850	790	1480	700
500	20"	900	875	1650	900