

## Y Strainer (W-YG41-25C)

### ◆ Application:

The Watts W-YG41 Y Strainer is designed to remove impurities in the medium to protect valve and equipment for normal use. It's generally used in petroleum, chemical industry, metallurgy, water treatment, etc.



### ◆ Features:

1. Low resistance;
2. Simple structure and convenient installation & cleaning;
3. Large pollutant-holding volume and convenient pollutant discharge.

### ◆ Operating Principles:

When the media flow through the strainer, the filter screen in the strainer will block solid impurity particles in the media in the screen and allow clean fluid to flow through the screen and discharge from the strainer outlet while the screen hole size can be adjusted based on the size of impurities.

### ◆ Technical Specification:

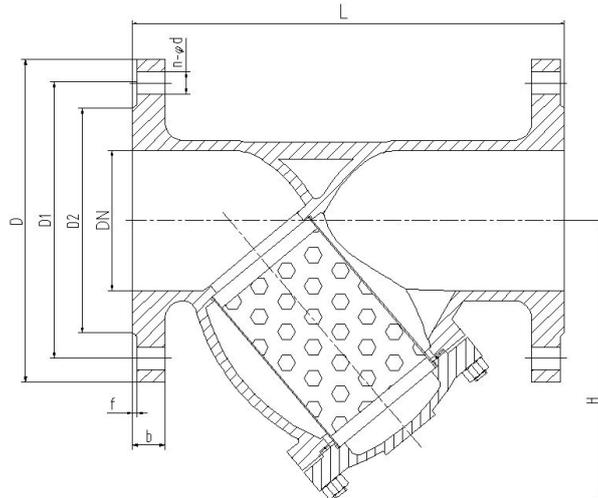
Nominal Diameter:	DN50~DN600
Nominal Pressure:	PN25
Working Temperature:	-20℃~120℃
Working Medium:	Water, sewage
Filter Screen Diameter:	Ø3mm, the flow area of filter screen is two to three times of the passage area.
Design Standard:	GB/T 14382-2008
Test Standard:	GB/T 13927-2008

### ◆ Material:

Part	Body	Bonnet	Screen
Material	Carbon Steel with Spray Paint	Carbon Steel with Spray Paint	Stainless Steel

### ◆ Installation Dimensions:

Connection Dimension: GB/T 9113;



DN	L	D	D1	D2	n-Ød	b	f	H
50	220	165	125	99	4-18	20	2	181
65	250	185	145	118	8-18	22	2	250
80	280	200	160	132	8-18	24	2	280
100	320	235	190	156	8-23	24	2	320
125	370	270	220	184	8-25	26	2	374
150	430	300	250	211	8-25	28	2	430
200	495	360	310	274	12-25	30	2	515
250	550	425	370	330	12-30	32	2	595
300	640	485	430	389	16-30	34	2	680
350	695	555	490	448	16-33	38	2	765
400	740	620	550	503	16-36	40	2	855
450	785	670	600	548	20-36	46	2	940
500	855	730	660	609	20-36	48	2	995
600	910	845	770	720	20-39	58	2	1045

#### ◆ Typical Application:

1. Water plant and water source project;
2. Environmental protection;
3. Municipal facilities;
4. Electric power and utilities;
5. Construction industry;
6. Petroleum & Chemical industry;
7. Steel & Metallurgy;
8. Papermaking industry.

#### ◆ Installation Instructions:

- (1) The valve's rated parameters should match the equipment's. Make sure that the valve's rated flow satisfies the actual demand;
- (2) The installer must be trained or experienced so as to operate the installation correctly;
- (3) A thorough check after installation is needed to ensure no errors;

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- (4) The system should be cleaned after initial operation for a period of time (generally not longer than one week) so as to remove impurities and pollutants accumulated in the screen during initial operation of the system. Thereafter, cleaning should be conducted regularly. The cleaning frequency depends on working conditions;
- (5) Use flange and the corresponding bolts that meet the standard to connect the valve;
- (6) When installation, the direction of flow must accord with the direction of the arrow head on the valve body.