

Series W-W4112

Ductile Iron Y Strainer

Size: Flange DN50-DN600

The Watts W-W4112 Y Strainer is designed to remove impurities in the medium to protect the valve and equipment for normal use. It's generally used in plumbing, HVAC, irrigation, commercial, and industrial application.



Features

- Low-pressure drop
- Simple structure and convenient to clean
- Large impuring holding capacity
- Other screen perforation size available

Pressure - Temperature

- Nominal Pressure: PN16
- Working Temperature: 0°C~120°C

Test Pressures

Hydraulic
Shell: 24 bar
Seat: 17.6 bar

Material

NO.	Component	Material
1	Body	Ductile Iron+Epoxy Coated
2	Filter	Stainless Steel (SS304)
3	O-ring	EPDM
4	Cover	Ductile Iron+Epoxy Coated
5	Washer	Stainless Steel (SS304)
6	Bolt	Stainless Steel (SS304)
7	Plug	Steel+Znic plating

Installation Dimensions

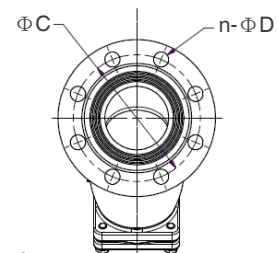
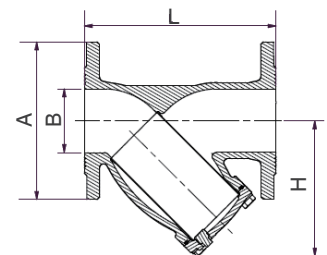
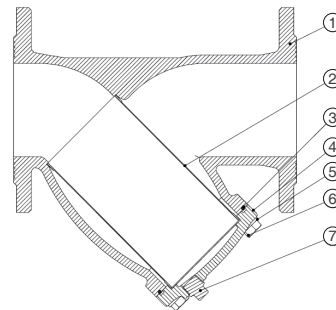
Connection Dimension: PN16 to BS EN 1092-2

Size DN (mm)	L	H	A	B	φ C	n- φ D	Filter Screen Diameter	Free Area %	Weight(Kg)	Plug size	Kv(m³/h)
50	230	135	165	50	125	4- φ 19	Φ 1.8	37.2%	8.5	RC3/8"	55
65	290	165	185	65	145	4- φ 19	Φ 1.8	37.2%	12.94	RC3/8"	95
80	310	180	200	80	160	8- φ 19	Φ 1.8	37.2%	15.86	RC3/8"	150
100	350	210	220	100	180	8- φ 19	Φ 1.8	37.2%	23.86	RC1/2"	200
125	400	265	250	125	210	8- φ 19	Φ 3.5	44.1%	33.32	RC1/2"	300
150	480	305	285	150	240	8- φ 23	Φ 3.5	44.1%	43.18	RC1/2"	450
200	600	393	340	200	295	12- φ 23	Φ 3.5	44.1%	78	RC3/4"	680
250	650	450	405	250	355	12- φ 28	Φ 5	48.7%	129	RC3/4"	1100
300	750	532	460	300	410	12- φ 28	Φ 5	48.7%	165	RC3/4"	1450
350	850	600	520	350	470	16- φ 28	Φ 5	48.7%	219	RC3/4"	1750
400	950	765	580	400	525	16- φ 31	Φ 5	48.7%	370	RC1-1/2"	2200
450	1050	815	640	450	585	20- φ 31	Φ 5	48.7%	500	RC1-1/2"	2800
500	1150	900	715	500	650	20- φ 34	Φ 5.5	55.6%	850	RC1-1/2"	3500
600	1350	1060	840	600	770	20- φ 37	Φ 5.5	55.6%	950	RC1-1/2"	4850

Specification

- Test Standard: ISO/DIS 5208: 2007
- Filter Screen Diameter: Refer to the table, the flow area of filter screen is three times of the passage area
- Connection Type: Flanged, PN16 to BS EN 1092-2
- Medium: water, sewage

Approval



Characteristic Curve

