

Y Strainer

Stainless Steel ANSI 150 Flanged



YSSS-150 Series

Size: 25mm to 400mm

Body: 316 Stainless Steel

Screen: 316 Stainless Steel (Refer to options)

Pressure Range: 0 to 20 BAR

316 Stainless Steel ANSI 150 Flanged Y Strainer with stainless steel screen and fasteners. -20°C to 180°C temperature range. 316 Stainless Steel and Graphite gasket allows for a wide range of media and temperatures.

Typical applications include steam, water, brine and chemical.

Model	DN (mm)	Media Pressure	Media Temperature	STD Screen (MM)
YSSS-150-050	50	0 to 20 BAR	-20°C to 180°C	1.2
YSSS-150-065	65	0 to 20 BAR	-20°C to 180°C	1.2
YSSS-150-080	80	0 to 20 BAR	-20°C to 180°C	1.2
YSSS-150-100	100	0 to 20 BAR	-20°C to 180°C	1.2
YSSS-150-125	125	0 to 20 BAR	-20°C to 180°C	1.5
YSSS-150-150	150	0 to 20 BAR	-20°C to 180°C	1.5
YSSS-150-200	200	0 to 20 BAR	-20°C to 180°C	1.5
YSSS-150-250	250	0 to 20 BAR	-20°C to 180°C	2.5
YSSS-150-300	300	0 to 20 BAR	-20°C to 180°C	2.5
YSSS-150-350	350	0 to 20 BAR	-20°C to 180°C	2.5
YSSS-150-400	400	0 to 20 BAR	-20°C to 180°C	2.5

Refer to Page 3 for Screen Aperture Options



Dimensions

Materials



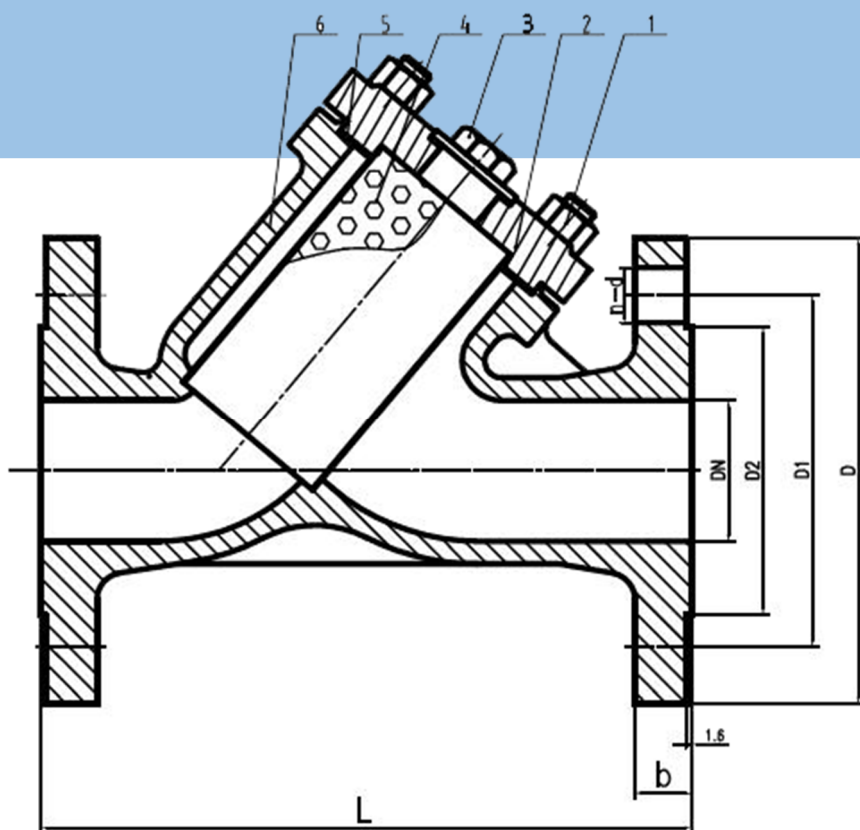
Screen Options

Unless otherwise quoted, strainers are supplied with standard screen as listed.

Monarch fabricates a wide variety of spare & replacement screens. Please refer to screen options attached.

Please note:

Clean Differential Pressure may change due a change in screen aperture size.



DN	L	D	D1	D2	n-d	b	Plug
50	220	152	120.5	92	4-19	16	½"
65	250	178	139.5	105	4-19	18	½"
80	275	190	152.5	127	4-19	19	½"
100	340	229	190.5	157	8-19	23.9	½"
125	350	254	216.0	186	8-22	23.9	½"
150	380	279	241.5	216	8-22	25.4	½"
200	485	343	298.5	270	8-22	28.6	½"
250	540	406	362.0	324	12-25	30.2	½"
300	610	483	432.0	381	12-25	31.8	½"
350	690	533	476.5	413	12-29	35.0	½"
400	780	597	539.5	470	16-29	36.6	½"

Number	Item	Material
1	Bolt	ASTM A194 B8M
2	Bonnet	ASTM A351 CF8M
3	Plug	ASTM A276 316
4	Screen	ASTM A276 316
5	Body Gasket	316 SS + Graphite
6	Body	ASTM A351 CF8M

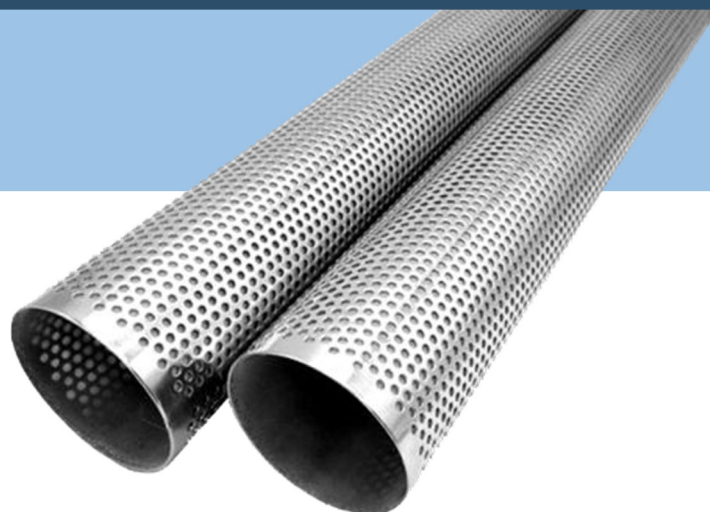
Screen Size Options

Perforated 304 Stainless

0.5mm perforations
 0.8mm perforations
 1.0mm perforations
 1.5mm perforations
 2mm perforations
 3mm perforations
 4mm perforations
 5mm perforations
 6mm perforations
 8mm perforations
 10mm perforation
 12mm perforations

Perforated 316 Stainless

0.8mm perforations
 1.1mm perforations
 1.5mm perforations
 2mm perforations
 3mm perforations
 4mm perforations
 5mm perforations
 10mm perforation



Woven Wire Mesh (316)

900 Micron
 810 Micron
 530 Micron
 415 Micron
 310 Micron
 260 Micron
 210 Micron
 190 Micron
 150 Micron
 130 Micron
 100 Micron
 80 Micron

Hollander Weave Mesh (316)

(5/14) 5 Micron Nominal, 14 Micron Absolute
 (10/18) 10 Micron Nominal, 18 Micron Absolute
 (15/26) 15 Micron Nominal, 26 Micron Absolute
 (25/38) 25 Micron Nominal, 38 Micron Absolute
 (35/45) 35 Micron Nominal, 45 Micron Absolute

Please contact our sales team for sizes not listed.