



Y Strainer

Carbon Steel ANSI 300 Flange

YSCS-300 Series

Size: 50mm to 300mm

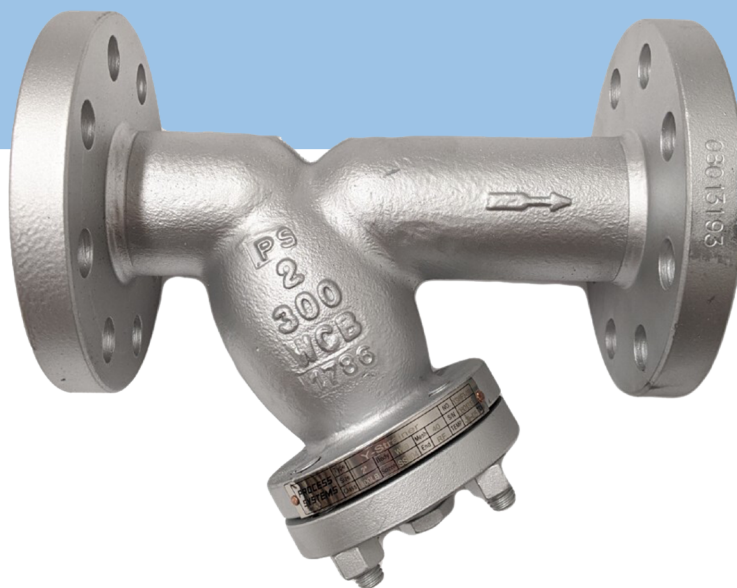
Body: Cast Steel

Screen: 304 Stainless Steel (Refer to options)

Pressure Range: 0 to 50 BAR @ ambient

Connections: Flanged ANSI 300

Factory Accredited CE, ISO 9001, TUV, WRAS



Cast Steel ANSI 300 Flanged Y Strainer with 304 stainless steel screen and fasteners. Designed to ASME B16.34, RF Flanged ends to ASME B16.5.

Tested to API598.

Model	DN	Pressure Range (at Ambient Temp)	Media Temp	Weight (kg)
YSCS-300-050	50	0 to 50 Bar	315°C at 38 Bar	11.5
YSCS-300-065	65	0 to 50 Bar	315°C at 38 Bar	29
YSCS-300-080	80	0 to 50 Bar	315°C at 38 Bar	38
YSCS-300-100	100	0 to 50 Bar	315°C at 38 Bar	57
YSCS-300-150	150	0 to 50 Bar	315°C at 38 Bar	105
YSCS-300-200	200	0 to 50 Bar	315°C at 38 Bar	176
YSCS-300-250	250	0 to 50 Bar	315°C at 38 Bar	230
YSCS-300-300	300	0 to 50 Bar	315°C at 38 Bar	360

Refer to Page 3 for Screen Aperture Options



Dimensions

Materials



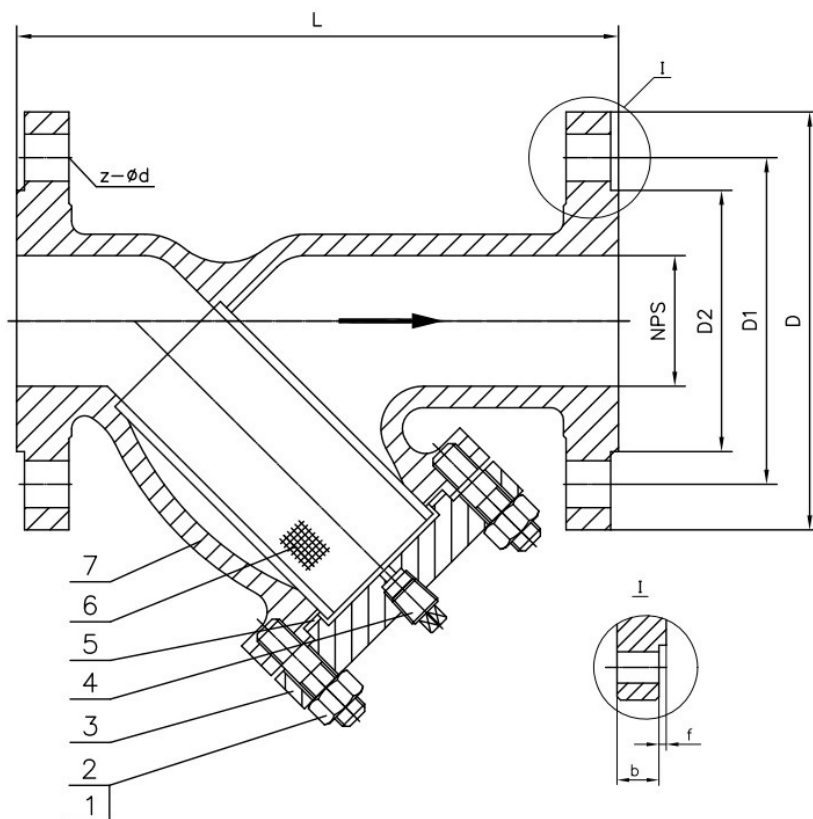
Screen Options

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.



Model	NPS	L	D	D1	D2	b	f	z- Ød
YSCS-300-050	2"	267	165	127	92.1	20.7	2	8-19
YSCS-300-065	2-1/2"	292	190	149.2	104.8	23.9	2	8-22
YSCS-300-080	3"	318	210	168.3	127	27	2	8-22
YSCS-300-100	4"	356	255	200	157.2	30.2	2	8-22
YSCS-300-150	6"	444	320	269.9	215.9	35	2	12-22
YSCS-300-200	8"	559	380	330.2	269.9	39.7	2	12-26
YSCS-300-250	10"	622	445	387.4	323.8	46.1	2	16-29
YSCS-300-300	12"	711	520	450.8	381	49.3	2	16-32

No	Part Name	Material
1	Bonnet Bolt Nut	ASTM A194 Gr.2H
2	Bonnet Bolt	ASTM A193 Gr.B7
3	Bonnet	Carbon Steel
4	Plug Fitting	Carbon Steel
5	Gasket	Flexible Graphite/304
6	Filter Screen	SS304
7	Body	ASTM A216-WCB

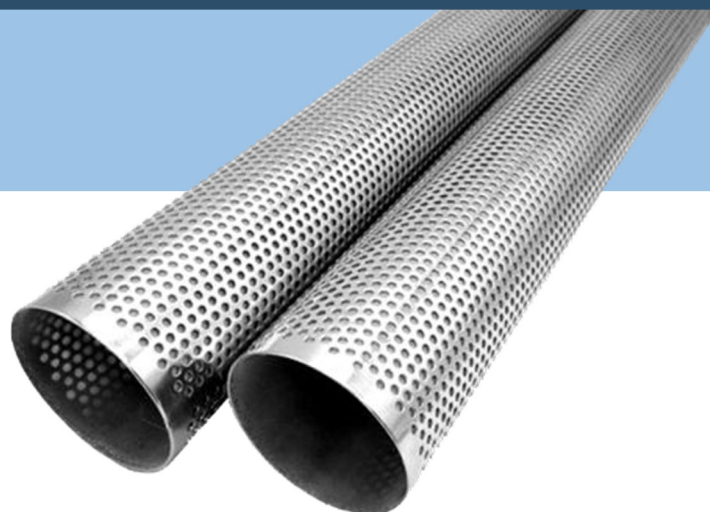
Screen Size Options

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.