



12S

SG Iron Y Type Strainer

BSP or NPT Threaded

spirax
sarco



This Y-type strainer is of a high quality construction and is suitable for many applications including water, steam and oil.

It is supplied as standard, with a stainless steel 0.8mm perforation screen. A choice of various perforated and woven mesh screens are available in both stainless steel and monel metal.

The cap on this strainer can be drilled and tapped to accept blowdown and drain cocks.

Approvals, Features & Benefits

- Quality construction
- High pressure & temperature
- Y-type with drain plug
- Easily removable screen for cleaning
- 0.8mm screen perforation as standard
- Others perforations & mesh available

Pressure & Temperature

Maximum pressure:-

PN25 Rated

Temperature range:-

Min: -10°C (2½" to 3" is 0°C)

19.5 bar @ 260°C

21 bar @ 210°C

25 bar @ 120°C

SIZE	½"	¾"	1"	1¼"	1½"	2"	2½"	3"
A	87	110	125	155	190	230	274	280
B	55	65	78	103	115	140	177	183
C	79	93	110	140	153	177	230	237
D	32	36	48	60	65	76	94	105
Screen Area cm²	25	42	71	135	161	251	406	406
Kv (0.8, 1.6 & 3mm Perforation)	3.6	11	15.5	26	41	68	82	115
Kv (40 & 100 Mesh)	3.6	11	15.5	26	41	68	82	115
Kv (200 Mesh)	3.6	9	13	21	35	55	66	93
Weight Kg	0.47	0.77	1.40	2.15	3.30	5.10	7.30	7.50

MATERIALS

Body	SG Iron (GGG40)
Filter Screen	Stainless Steel (AISI 316) • Monel Option (0.8mm & 3mm & 100 mesh only)
Plug / Cap	Carbon Steel (EN 1.4408)
Gasket	Reinforced exfoliated graphite

Blowdown or Drain Valve Connections

The cap can be drilled and tapped to the following sizes to enable a blowdown or drain valve to be fitted

STRAINER SIZE	BLOWDOWN VALVE	DRAIN VALVE
½"	¼"	¼"
¾" - 1"	½"	½"
1¼" - 1½"	1"	¾"
2" - 3"	1¼"	¾"