



## 12B

### Bronze 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 & low 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:-

19 bar @ 210°C

25 bar @ -198°C to 125°C

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>A</b>	85	110	130	170	190	212	240	305
<b>B</b>	54	64	72	100	110	133	152	190
<b>C</b>	72	89	104	138	150	178	210	270
<b>D</b>	24	36	46	52	60	79	98	124
<b>Screen Area cm<sup>2</sup></b>	27	43	73	135	164	251	327	361
<b>Kv (0.8, 1.6 &amp; 3mm Perforation)</b>	3	6.2	11.3	26	41	68	98	115
<b>Kv (40 &amp; 100 Mesh)</b>	3	6.2	11.3	26	41	68	98	115
<b>Kv (200 Mesh)</b>	3	6.2	9.3	21	33	55	78	93
<b>Weight Kg</b>	0.55	0.70	1.00	1.60	2.10	4.80	7.70	17.70

#### MATERIALS

<b>Body</b>	Bronze
<b>Filter Screen</b>	Stainless Steel (AISI 316) • Monel Option (0.8mm & 3mm & 100 mesh only)
<b>Plug / Cap</b>	Brass (3" Bronze)
<b>Gasket</b>	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
1/2"	1/4"	1/4"
3/4" - 1"	1/2"	1/2"
1 1/4" - 1 1/2"	1"	3/4"
2" - 2 1/2"	1 1/4"	3/4"
3"	1 1/2"	3/4"