

SERIES BYS &amp; SYS | W.E. ANDERSON™ BY DWYER

# BRASS OR STAINLESS STEEL Y-STRAINERS

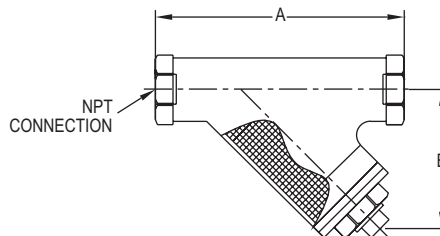
Cost Effective, Excellent Filtration, High Flow



BYS ++



SYS



BYS DIMENSIONS		
NPT Size	A in [mm]	B in [mm]
1/4"	1-31/32 [50.04]	2-11/16 [68.07]
3/8"	1-31/32 [50.04]	2-11/16 [68.07]
1/2"	1-31/32 [50.04]	2-11/16 [68.07]
3/4"	2-23/64 [59.94]	3-59/64 [99.57]
1"	2-41/64 [67.06]	4-17/32 [115.06]
1-1/4"	3-3/16 [81.03]	5-25/64 [136.91]
1-1/2"	3-7/16 [87.12]	6-17/64 [159.00]
2"	4-19/64 [108.97]	7-31/64 [189.99]

SYS DIMENSIONS		
NPT Size	A in [mm]	B in [mm]
1/4"	2-33/64 [64.00]	1-27/32 [46.99]
3/8"	2-33/64 [64.00]	1-27/32 [46.99]
1/2"	2-33/64 [64.00]	1-27/32 [46.99]
3/4"	3-1/16 [78.00]	2-15/64 [56.90]
1"	3-35/64 [90.00]	2-41/64 [67.06]
1-1/4"	4-11/64 [106.00]	2-53/64 [71.88]
1-1/2"	4-11/16 [119.00]	3-5/32 [80.01]
2"	5-33/64 [140.00]	3-21/32 [92.96]

The **Series BYS & SYS Brass or Stainless Steel Y-Strainers** are a cost effective option for use in any type of industrial application. Versatile Y configuration and availability in a wide range of sizes allow for many different uses. Body, cap, and plug are made from either a high quality brass or stainless steel to ensure reliability. The seal is constructed of PTFE to ensure long service life. The stainless steel strainer provides excellent filtration to help prevent damage to valves, meters, etc. from rust and dirt, without sacrificing high flow characteristics.

**FEATURES/BENEFITS**

- Cost effective
- Stainless steel strainer

**APPLICATIONS**

- Ideal for installations upstream to protect pumps, control valves, regulators, etc from rust, pipe scale dirt

**SPECIFICATIONS**

**Service:** Gases, steam and liquids compatible with wetted materials.

**End Connections:** Female NPT.

**Pressure Limits:** See model chart.

**Temperature Limits:** -10 to 250°F (-23 to 121°C).

**Wetted Materials:** BYS: Valve Body: Cast brass; Cap and plug: Brass; Screen: SS; Seal: PTFE; SYS: Valve body and cap: Cast 316 SS (CF8M); Plug and screen: 316 SS; Seal: PTFE.

**MODEL CHART**

Model	Pipe Size	Max. Pressure	Price	Model	Pipe Size	Max. Pressure	Price	Model	Pipe Size	Max. Pressure	Price	Model	Pipe Size	Max. Pressure	Price
<b>BYS-00</b>	1/4"	400 psi (27.6 bar)	\$10.75 <sup>(B)</sup>	<b>BYS-04</b>	1"	300 psi (20.7 bar)	\$31.75 <sup>(B)</sup>	<b>SYS-00</b>	1/4"	800 psi (55.2 bar)	\$23.00 <sup>(B)</sup>	<b>SYS-04</b>	1"	800 psi (55.2 bar)	\$43.75 <sup>(B)</sup>
<b>BYS-01</b>	3/8"	400 psi (27.6 bar)	11.25 <sup>(B)</sup>	<b>BYS-05</b>	1-1/4"	300 psi (20.7 bar)	46.00 <sup>(B)</sup>	<b>SYS-01</b>	3/8"	800 psi (55.2 bar)	23.00 <sup>(B)</sup>	<b>SYS-05</b>	1-1/4"	800 psi (55.2 bar)	51.50 <sup>(B)</sup>
<b>BYS-02</b>	1/2"	400 psi (27.6 bar)	14.25 <sup>(B)</sup>	<b>BYS-06</b>	1-1/2"	300 psi (20.7 bar)	70.50 <sup>(B)</sup>	<b>SYS-02</b>	1/2"	800 psi (55.2 bar)	25.25 <sup>(B)</sup>	<b>SYS-06</b>	1-1/2"	800 psi (55.2 bar)	74.50 <sup>(B)</sup>
<b>BYS-03</b>	3/4"	400 psi (27.6 bar)	22.00 <sup>(B)</sup>	<b>BYS-07</b>	2"	300 psi (20.7 bar)	108.00 <sup>(B)</sup>	<b>SYS-03</b>	3/4"	800 psi (55.2 bar)	32.25 <sup>(B)</sup>	<b>SYS-07</b>	2"	800 psi (55.2 bar)	109.00 <sup>(B)</sup>

<sup>(B)</sup> Items are subject to Schedule B discounts.

++USA: California Proposition 65

⚠WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov