

# USB Series

ASME Code Bag Housings Single through Six Round



- ASME "U" code designed housings for commercial and industrial filter applications
- Holds one (1) through six (6) #2 size bags to service a wide range of flow rates
- Heavy duty Carbon Steel, 304L or 316L Stainless Steel Construction for maximum durability
- 150 psig (10.3 bar) @ 300°F (149°C) design pressure
- Swing bolt closure with lifting davit for easy bag change-outs and secure sealing
- Low profile for easy bag change-outs
- Optional 134 epoxy coating for seawater or corrosive applications
- For information on filter bags or drawings, visit our website or contact the factory

## Applications

Water	Chemicals
Food & Beverage	Electronics
Oil	Inks / Paints / Coatings
Coolants	Pulp & Paper

## Specifications & Operating Parameters

### Maximum Operating Pressure

150 psig (10.3 bar) @ 300°F (149°C)

### Connections

Inlet /Outlet:

- 2" Flanges (USB)
- 3" Flanges (2USB)
- 4" Flanges (3USB, 4USB)
- 6" Flanges (5USB, 6USB)

Drain Port:

- 1/2" FNPT (USB)
- 3/4" FNPT (2USB-6USB)

Vent Port: 1/2" FNPT

Gauge Ports: 1/4" FNPT

### Materials of Construction

Head / Shell: Carbon Steel, 304L or 316L Stainless Steel

Eye Nuts and Davit Handle: Zinc Plated Steel

Mounting Legs: Carbon Steel or 304L Stainless Steel

### Gaskets

Buna N

*Optional: EPR, Silicone, Teflon Encapsulated Silicone, Viton*

### Baskets

1/8" perforated Stainless Steel

*Optional: Various perforation and mesh sizes*

### Finish

Glass Bead

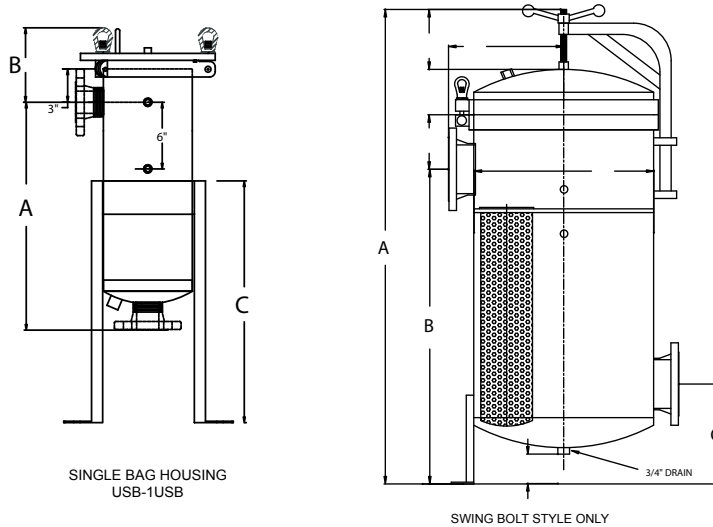
*Optional: electro-polish, passivate or 134 epoxy coating*

MODEL	CLOSURE	FLOW RATE* GPM(LPM)	INLET AND OUTLET SIZE	DIMENSIONS		
				A	B	C
USB-1SB	Swing Bolt	70 (268)	2"	20 1/2" (52.1 cm)	6 11/16" (17.0 cm)	21 3/4" (55.2 cm)
USB-2SB	Swing Bolt	150 (567)	2"	2 3/4" (92.7 cm)	6 11/16" (17.0 cm)	21 3/4" (55.2 cm)
2USB-2SB	Swing Bolt	350 (1325)	3"	49 9/16" (125.9)	39 1/8" (99.4)	10 1/2" (26.7)
3USB-2SB	Swing Bolt	525 (1987)	4"	52 7/8" (134.3)	41 1/16" (104.3)	10 3/4" (27.2)
4USB-2SB	Swing Bolt	700 (2650)	4"	61 1/4" (155.6)	40 1/2" (102.9)	11 1/4" (28.6)
5USB-2SB	Swing Bolt	700 (3312)	6"	63 1/2" (161.3)	42" (106.7)	13 3/8" (34.0)
6USB-2SB	Swing Bolt	1050 (3975)	6"	63 1/2" (161.3)	42" (106.7)	13 3/8" (34.0)

\* Flow rates are for guide lines only. Actual flow rates are based upon fluid viscosity, bag type, micron rating and other factors.

Note: Dimensions are for reference purposes only. Detailed dimensional drawings are available. Please contact Shelco's technical support staff for additional information.

## Dimensions



## Ordering Guide (Example: 2USB-2SB-3-316B)

2USB – 2		SB – 3		316		B	P
MODEL	BAG SIZE	CLOSURE STYLE	FLANGE**	MATERIAL	GASKET	OPTIONS	
USB	1*	SB = Swing Bolt	2 = 2"	304 = 304L SS	B = Buna N (Standard) E = EPR S = Silicone V = Viton T = Teflon Encapsulated Silicone	EP = Electro-polish P = Passivate 134 = 134 epoxy coating	
2USB	2		3 = 3"	316 = 316L SS			
3USB			4 = 4"	CS = Carbon Steel			
4USB			6 = 6"				
5USB							
6USB							

\* Available only in USB Series

\*\* Standard flange sizes are 2" for USB 3" for 2USB, 4" for 3USB and 4USB, 6" for 5USB and 6USB

## Customization

Housings may be customized to meet your precise requirements. Contact Shelco's technical support staff or your distributor for more information.



### Shelco Filters

100 Bradley Street  
Middletown, CT 06457 USA

Tel: 800-543-5843 / Fax: 860-854-6120 / E-mail: [info@shelco.com](mailto:info@shelco.com)

MicroSentry™, MicroVantage™, Shelco Filters® and the Shelco logo are registered trademarks of the Tinny Corporation. Shelco Filters is a division of the Tinny Corporation.