

ROTATING RIGHT

S SERIES SANITARY CARTRIDGE HOUSINGS



S SERIES Sanitary Cartridge Housings

Shelco's sanitary series housings have been designed for the most critical and demanding applications requiring purity and durability. The maximum design working pressure is 150 P.S.I. (10 bar) @ 225°F (107°C). The S series is standard with sanitary ferrules for the inlet and outlet with 1/2" sanitary ferrules for the drain and vent. The standard gasket material is Silicone. Please refer to our ordering guide for a complete list of options or contact one of our technical specialists for help.



Features

- Designed for the most demanding high purity applications
- Heavy-duty construction for durability
- Standard 25 RA internals and 32 RA externals, other finishes available upon request
- 1/2" TC vent and drains are standard
- 222 or 226 configuration available on every model
- Silicone O-rings standard, with other materials available
- All wetted materials are 316L SS electro-polished



ORDERING GUIDE

1SIF - Single Sanitary Inline								
Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
1SIF	5	C	222	1 TC	25	N = None	N = None	S = Silicone E = EPR V = Viton B = Buna T = PTFE TS = PTFE Encap. Silicone TV = PTFE Encap. Viton
	1	Clamp	226	1.5 TC	20	1 = 1/2" TC	1 = 1/2" TC	
	2				10	2 = San Valve	2 = San Valve	
	3					3 = San Valve Clamped	3 = San Valve Clamped	
	4					4 = 3/8" VCR	4 = 3/8" VCR	
Standard Housing Per Drawing								

1SF - Single Sanitary T-Style								
Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
1SF	5	C	222	1 TC	25	N = None	N = None	S = Silicone E = EPR V = Viton B = Buna T = PTFE TS = PTFE Encap. Silicone TV = PTFE Encap. Viton
	1	Clamp	226		20	1 = 1/2" TC	1 = 1/2" TC	
	2				10	2 = San Valve	2 = San Valve	
	3					3 = San Valve Clamped	3 = San Valve Clamped	
	4					4 = 3/8" VCR	4 = 3/8" VCR	
Standard Housing Per Drawing Note: Standard With Legs								

3SFV - Sanitary 3 Round T-Style Clamp Closure

Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
3SFV	1	C	222	1.5 TC	25	N = None	N = None	S = Silicone
	2	Clamp	226	2 TC	20	1 = 1/2" TC	1 = 1/2" TC	E = EPR
	3			1.5 BW	10	2 = San Valve	2 = San Valve	V = Viton
	4			2 BW		3 = San Valve Clamped	3 = San Valve Clamped	B = Buna
					4 = 3/8" VCR	4 = 3/8" VCR	T = PTFE	
Standard Housing Per Drawing Note: This housing does not have a removable tube sheet						5 = 1 1/2" TC gauge port with San Valve		TS = PTFE Encap. Silicone
						6 = 1 1/2" TC gauge port with 1/2" TC vent		TV = PTFE Encap. Viton
						7 = 1 1/2" TC gauge port with 1/2" TC San Valve clamped		

3SFN - Sanitary 3 Round T-Style Swing Bolt

Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
3SFN	1	SB	222	1.5 TC	25	N = None	N = None	S = Silicone
	2	Swing Bolt	226	2 TC	20	1 = 1/2" TC	1 = 1/2" TC	E = EPR
	3			1.5 BW	10	2 = San Valve	2 = San Valve	V = Viton
	4			2 BW		3 = San Valve Clamped	3 = San Valve Clamped	B = Buna
					4 = 3/8" VCR	4 = 3/8" VCR	T = PTFE	
Standard Housing Per Drawing Note: This housing does not have a removable tube sheet						5 = 1 1/2" TC gauge port with San Valve		TS = PTFE Encap. Silicone
						6 = 1 1/2" TC gauge port with 1/2" TC vent		TV = PTFE Encap. Viton
						7 = 1 1/2" TC gauge port with 1/2" TC San Valve clamped		

5SFN - Sanitary 5 Round T-Style Swing Bolt

Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
5SFN	1	SB	222	2 TC	25	N = None	N = None	S = Silicone
	2	Swing Bolt	226	2 BW	20	1 = 1/2" TC	1 = 1/2" TC	E = EPR
	3				10	2 = San Valve	2 = San Valve	V = Viton
	4					3 = San Valve Clamped	3 = San Valve Clamped	B = Buna
					4 = 3/8" VCR	4 = 3/8" VCR	T = PTFE	
Standard Housing Per Drawing Note: This housing does not have a removable tube sheet						5 = 1 1/2" TC gauge port with San Valve		TS = PTFE Encap. Silicone
						6 = 1 1/2" TC gauge port with 1/2" TC vent		TV = PTFE Encap. Viton
						7 = 1 1/2" TC gauge port with 1/2" TC San Valve clamped		

7SFN - Sanitary 7 Round T-Style Swing Bolt

Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
7SFN	1	SB	222	2 TC	25	N = None	N = None	S = Silicone
	2	Swing Bolt	226	2 BW	20	1 = 1/2" TC	1 = 1/2" TC	E = EPR
	3				10	2 = San Valve	2 = San Valve	V = Viton
	4					3 = San Valve Clamped	3 = San Valve Clamped	B = Buna
					4 = 3/8" VCR	4 = 3/8" VCR	T = PTFE	
Standard Housing Per Drawing Note: This housing does not have a removable tube sheet						5 = 1 1/2" TC gauge port with San Valve		TS = PTFE Encap. Silicone
						6 = 1 1/2" TC gauge port with 1/2" TC vent		TV = PTFE Encap. Viton
						7 = 1 1/2" TC gauge port with 1/2" TC San Valve clamped		

12SFN - Sanitary 12 Round T-Style Swing Bolt

Model	Length –	Closure	Style –	Connections	ID-RA Finish –	Vent	Drain	Gaskets
12SFN	1	SB	222	3 TC	25	N = None	N = None	S = Silicone
	2	Swing Bolt	226	3 BW	20	1 = 1/2" TC	1 = 1/2" TC	E = EPR
	3				10	2 = San Valve	2 = San Valve	V = Viton
	4					3 = San Valve Clamped	3 = San Valve Clamped	B = Buna
					4 = 3/8" VCR	4 = 3/8" VCR	T = PTFE	
Standard Housing Per Drawing Note: This housing does not have a removable tube sheet						5 = 1 1/2" TC gauge port with San Valve		TS = PTFE Encap. Silicone
						6 = 1 1/2" TC gauge port with 1/2" TC vent		TV = PTFE Encap. Viton
						7 = 1 1/2" TC gauge port with 1/2" TC San Valve clamped		

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