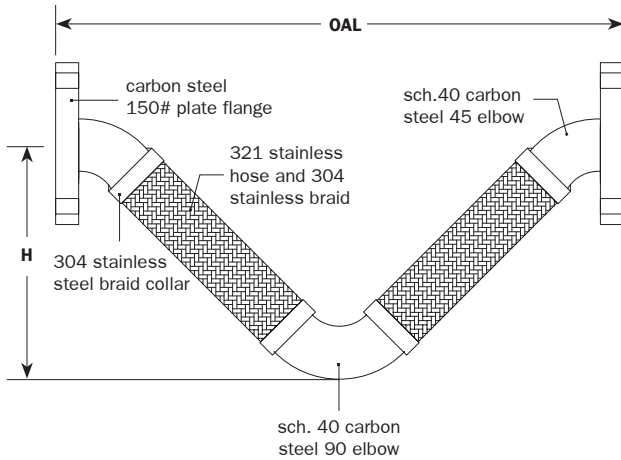


**SSV-FL Seismic Steel V  
with Carbon Steel 150# Plate Flanges**

**SSV-FL**

File No.: SSV-FL-001  
Supersedes: New

Date: 30 Oct 2014  
Date: New



**TEMPERATURE DERATING FACTORS**

Temperature °F	Multiplier
200	0.94
250	0.92
300	0.88
350	0.86
400	0.83
500	0.78
600	0.74
700	0.70

**PERFORMANCE AND DIMENSIONS**

Model	Nominal Size		"OAL" Overall Length		"H" Center-line to Elbow Dimension		Working Pressure @ 70° F	Motion X,Y,Z
	in	mm	in	mm	in	mm		
<b>SSV2-FL (2" Motion)</b>								
SSV2-2-FL	2	50	31.35	796	14.00	356	370	2
SSV2-2.50-FL	2 1/2	65	37.25	946	16.60	422	400	2
SSV2-3-FL	3	80	41.25	1048	18.40	467	288	2
SSV2-4-FL	4	100	46.15	1172	20.32	516	250	2
SSV2-5-FL	5	125	51.50	1308	22.40	569	200	2
SSV2-6-FL	6	150	63.00	1600	27.40	696	175	2
SSV2-8-FL	8	200	72.00	1829	30.75	781	212	2
SSV2-10-FL	10	250	81.25	2064	34.11	866	175	2
SSV2-12-FL	12	300	92.50	2350	38.50	978	160	2
<b>SSV3-FL (3" Motion)</b>								
SSV3-2-FL	2	50	36.00	914	16.35	415	370	3
SSV3-2.50-FL	2 1/2	65	42.50	1080	19.25	489	570	3
SSV3-3-FL	3	80	47.00	1194	21.25	540	450	3
SSV3-4-FL	4	100	52.00	1321	23.15	588	285	3
SSV3-5-FL	5	125	58.00	1473	25.50	648	210	3
SSV3-6-FL	6	150	68.50	1740	30.25	768	240	3
SSV3-8-FL	8	200	80.00	2032	34.60	879	217	3
SSV3-10-FL	10	250	88.50	2248	38.00	965	165	3
SSV3-12-FL	12	300	101.00	2565	42.75	1086	155	3
<b>SSV4-FL (4" Motion)</b>								
SSV4-2-FL	2	50	40.00	1016	18.30	465	370	4
SSV4-2.50-FL	2 1/2	65	47.00	1194	21.50	546	570	4
SSV4-3-FL	3	80	52.00	1321	23.68	601	450	4
SSV4-4-FL	4	100	57.00	1448	25.80	655	285	4
SSV4-5-FL	5	125	63.00	1600	28.20	716	210	4
SSV4-6-FL	6	150	74.50	1892	33.25	845	240	4
SSV4-8-FL	8	200	86.50	2197	38.00	965	217	4
SSV4-10-FL	10	250	95.37	2422	41.20	1046	165	4
SSV4-12-FL	12	300	108.50	2756	46.50	1181	155	4

**NOTES**

- The standard position is with the V and 90 degree elbow hanging down.
- Horizontal and vertical mounting yields the same allowance for motion provided the 90 degree elbow is supported properly to avoid sagging or excessive torquing.
- UL approved product available. Contact Vibro-Acoustics for UL approved product.
- See "Temperature Derating Factors Chart" for pressure derating multipliers by temperature. Apply multiplier to the working pressure to calculate the operating pressure at the corresponding temperature. i.e. working pressure for SSV3-6-FL at 300° F is 0.88 x 240 psi = 211 psi
- Flexible connectors with higher pressure ratings can be custom built with additional braid layers.
- Dimensions shown not for construction. Vibro-Acoustics reserves the right to update dimensions depending on the material availability.
- Seismic V loops with stainless steel end fittings and stainless steel elbows are available upon request.
- All dimensions have ±1/8" tolerance per foot.
- SSV connectors larger than 1 1/2" Ø must be supported if installed in any other position than the standard position. Supporting cable or rod should be attached to an eyelet located at the bottom of the 90-degree elbow. Flexible cable or pipe hanger rods can also be used.

Project:	Model:	QTY of sets required:		
Customer:	DWN:	CHK:	REV:	DATE:
Consultant:	TAG:	UNIT:		
V-A Project No.:	COMMENTS:			
V-A Project Manager:				