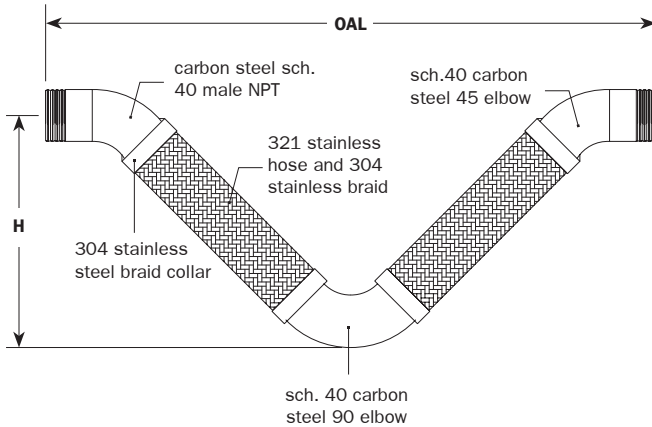


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TEMPERATURE DERATING FACTORS

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

**SSV-SM Seismic Steel V
with Carbon Steel Male NPT Fittings**

SSV-SM

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

Date: 30 Oct 2014
Date: New

PERFORMANCE AND DIMENSIONS

Model	Nominal Size	"OAL" Overall Length	"H" Centerline to Elbow Dimension	Working Pressure @ 70 °F	Motion X,Y,Z
	in mm	in mm	in mm	psi	in
SSV2-SM (2" Motion)					
SSV2-0.50-SM	1/2 15	23.00 584	8.00 203	796	2
SSV2-0.75-SM	3/4 20	24.00 610	8.50 216	597	2
SSV2-1-SM	1 25	27.37 695	10.00 254	455	2
SSV2-1.25-SM	1 1/4 32	30.00 762	11.00 279	441	2
SSV2-1.50-SM	1 1/2 40	34.60 879	13.20 335	370	2
SSV2-2-SM	2 50	36.85 936	14.00 356	370	2
SSV2-2.50-SM	2 1/2 65	42.75 1086	16.60 422	580	2
SSV2-3-SM	3 80	46.75 1187	18.40 467	460	2
SSV3-SM (3" Motion)					
SSV3-0.50-SM	1/2 15	26.00 660	9.30 236	796	3
SSV3-0.75-SM	3/4 20	28.00 711	10.50 267	597	3
SSV3-1-SM	1 25	31.00 787	11.60 295	455	3
SSV3-1.25-SM	1 1/4 32	35.00 889	12.81 325	441	3
SSV3-1.50-SM	1 1/2 40	37.50 953	14.60 371	370	3
SSV3-2-SM	2 50	41.50 1054	16.35 415	370	3
SSV3-2.50-SM	2 1/2 65	48.00 1219	19.25 489	570	3
SSV3-3-SM	3 80	52.50 1334	21.25 540	450	3
SSV4-SM (4" Motion)					
SSV4-0.50-SM	1/2 15	28.30 719	10.50 267	796	4
SSV4-0.75-SM	3/4 20	30.65 779	12.00 305	597	4
SSV4-1-SM	1 25	33.75 857	13.00 330	455	4
SSV4-1.25-SM	1 1/4 32	37.00 940	14.50 368	441	4
SSV4-1.50-SM	1 1/2 40	41.00 1041	16.35 415	370	4
SSV4-2-SM	2 50	45.50 1156	18.30 465	370	4
SSV4-2.50-SM	2 1/2 65	52.50 1334	21.50 546	400	4
SSV4-3-SM	3 80	57.50 1461	23.60 599	288	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 SSV3-1.50-SM at 350 °F is 0.86 × 370 psi = 318 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:				