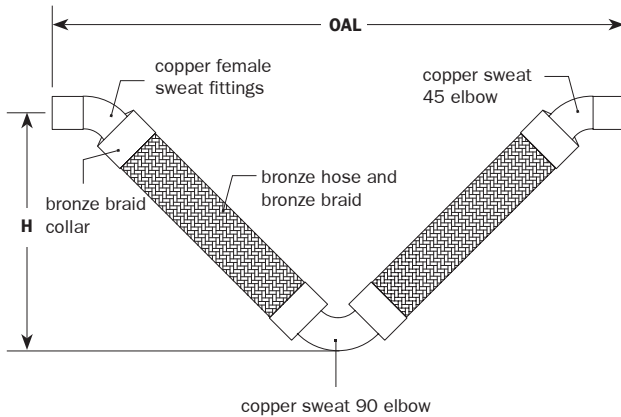


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File No.: SBV-SW-001
Supersedes: New

Date: 30 Oct 2014
Date: New



TEMPERATURE DERATING FACTORS

Temperature °F	Multiplier
150	0.92
200	0.89
250	0.86
300	0.83
350	0.81
400	0.78
500	0.75

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		
SBV2-SW (2" Motion)								
SBV2-0.50-SW	1/2	15	21.50	546	10.00	254	487	2
SBV2-0.75-SW	3/4	20	26.00	660	11.00	279	572	2
SBV2-1-SW	1	25	28.50	724	13.00	330	267	2
SBV2-1.25-SW	1 1/4	32	33.00	838	15.00	381	243	2
SBV2-1.50-SW	1 1/2	40	35.25	895	16.00	406	251	2
SBV2-2-SW	2	50	39.50	1003	17.75	451	167	2
SBV2-2.50-SW	2 1/2	65	36.00	914	15.60	396	194	2
SBV2-3-SW	3	80	39.75	1010	17.25	438	166	2
SBV2-4-SW	4	100	44.70	1135	19.35	491	145	2
SBV3-SW (3" Motion)								
SBV3-0.50-SW	1/2	15	25.00	635	11.75	298	487	3
SBV3-0.75-SW	3/4	20	30.30	770	14.00	356	572	3
SBV3-1-SW	1	25	32.80	833	15.00	381	267	3
SBV3-1.25-SW	1 1/4	32	37.30	947	17.15	436	243	3
SBV3-1.50-SW	1 1/2	40	40.60	1031	18.60	472	251	3
SBV3-2-SW	2	50	45.25	1149	20.50	521	167	3
SBV3-2.50-SW	2 1/2	65	40.70	1034	17.85	453	194	3
SBV3-3-SW	3	80	44.70	1135	19.70	500	166	3
SBV3-4-SW	4	100	50.40	1280	22.00	559	145	3
SBV4-SW (4" Motion)								
SBV4-0.50-SW	1/2	15	28.20	716	13.35	339	487	4
SBV4-0.75-SW	3/4	20	34.00	864	15.82	402	572	4
SBV4-1-SW	1	25	36.69	932	17.00	432	267	4
SBV4-1.25-SW	1 1/4	32	41.90	1064	19.50	495	243	4
SBV4-1.50-SW	1 1/2	40	45.20	1148	21.00	533	251	4
SBV4-2-SW	2	50	50.50	1283	23.20	589	167	4
SBV4-2.50-SW	2 1/2	65	44.60	1133	19.80	503	194	4
SBV4-3-SW	3	80	49.31	1252	22.00	559	166	4
SBV4-4-SW	4	100	55.30	1405	24.60	625	145	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 SBV4-1.25-SW at 300 ° F is 0.83 × 243 psi = 202 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.
- All dimensions have ±1/8" tolerance per foot.
- SBV 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:			