

VSS-E Series Expansion Joint
Sizes 700 through 3665
(Wall-to-Wall)



50 MM WAY
 PENDERGRASS, GA. 30567
 706-824-7500 PHONE

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Vertical Sealing System





VSS-E Series (700-3665)

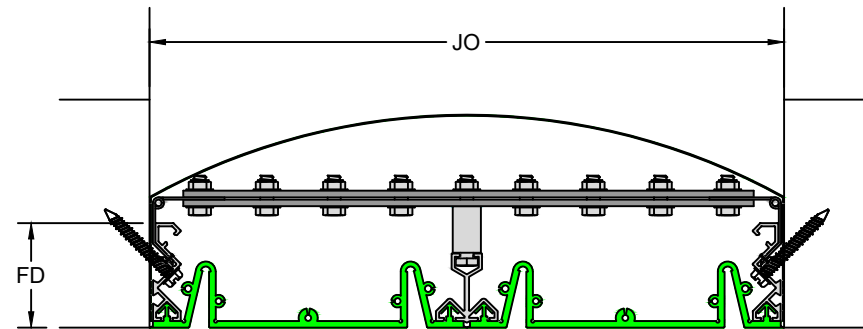
Drawn by: LRM	Scale: NTS	Drawing Number: 31500-02E
SHT. 1 OF 3	Issue Date: 01/31/2025	

VSS-E SERIES EXPANSION JOINT MOVEMENT CHART (700-3665) / 50% MOVEMENT

Model Number	Joint Opening (JO ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
VSS-700	7.00	178	5.00	127	9.00	229	3.50	95	10.50	267	7.00	178
VSS-800	8.00	203	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203
VSS-900	9.00	229	7.00	178	11.00	279	4.50	115	13.50	343	9.00	229
VSS-1000	10.00	254	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
VSS-1021	10.00	254	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
VSS-1121	11.00	279	9.00	229	13.00	330	5.50	140	16.50	419	11.00	279
VSS-1221	12.00	305	10.00	254	14.00	356	6.00	152	18.00	457	12.00	305
VSS-1321	13.00	330	11.00	279	15.00	381	6.50	165	19.50	495	13.00	330
VSS-1423	14.00	356	12.00	305	16.00	406	7.00	178	21.00	533	14.00	356
VSS-1532	15.00	381	13.00	330	17.00	432	7.50	191	22.50	572	15.00	381
VSS-1623	16.00	406	14.00	356	18.00	457	8.00	203	24.00	610	16.00	406
VSS-1643	16.00	406	14.00	356	18.00	457	8.00	203	24.00	610	16.00	406
VSS-1832	18.00	457	16.00	406	20.00	508	9.00	229	27.00	686	18.00	457
VSS-2023	20.00	508	18.00	457	22.00	559	10.00	254	30.00	762	20.00	508
VSS-2243	22.00	559	20.00	508	24.00	610	11.00	279	33.00	838	22.00	559
VSS-2443	24.00	610	22.00	559	26.00	660	12.00	305	36.00	914	24.00	610
VSS-3054	30.00	762	28.00	711	32.00	812	15.00	381	45.00	1143	30.00	762
VSS-3665	36.00	914	34.00	864	38.00	965	18.00	457	54.00	1372	36.00	914

Dimension shown in **inches** (bold) and millimeters. Refer to the VSS AutoCAD file for individual system drawings.

CONSIDERATIONS	
	Color Options
	Thermal
	Seismic
	Extreme Weather



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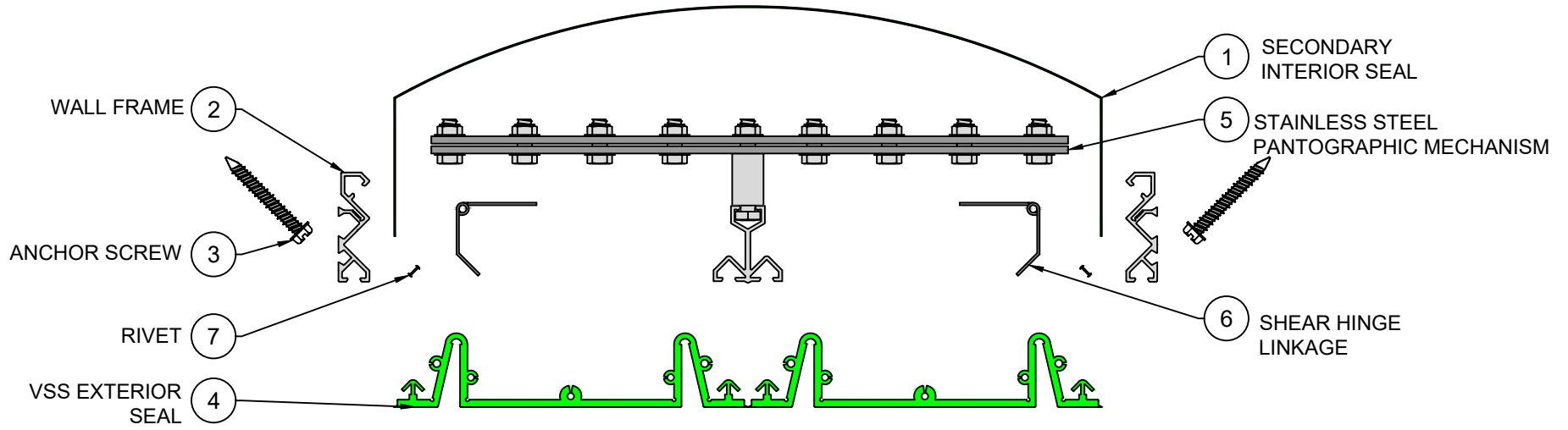
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Vertical Sealing System

VSS-E Series (700-3665)

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EXPLODED VIEW ▲
PART NUMBERS ▼

Locator	Part Component	VSS-700	VSS-800	VSS-900	VSS-1000	VSS-1021	VSS-1121	VSS-1221	VSS-1321	VSS-1423	VSS-1532	VSS-1623	VSS-1643	VSS-1832	VSS-2023	VSS-2243	VSS-2443	VSS-3054	VSS-3665
1	Secondary Interior Seal	MB-24	MB-24	MB-24	MB-30	MB-30	MB-30	MB-30	MB-30	MB-36	MB-36	MB-48	MB-48	MB-48	MB-48	MB-48	MB-60	MB-60	MB-76
2	Wall Frame	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154	8154
3	Anchor Screw	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397	9397
4	VSS Exterior Seal	9418	9827	9828	9828	(2)9825	(2)9826	(2)9826	(2)9826	(2)9418	(3)9825	(3)9827	(4)9824	(3)9826	(2)9828	(4)9826	(4)9826	(5)9826	(6)9826
5	S.S. Pantograph	ASSY-MP-001-D	ASSY-MP-001-D	ASSY-MP-001-D	ASSY-MP-001-D	ASSY-MP-001-D	ASSY-MP-002-D	ASSY-MP-002-D	ASSY-MP-002-D	ASSY-MP-003-D	ASSY-MP-003-D	ASSY-MP-003-D	ASSY-MP-004-D	ASSY-MP-003-D	ASSY-MP-004-D	ASSY-MP-004-D	ASSY-MP-004-D	ASSY-MP-005-D	ASSY-MP-006-D
6	Shear Hinge Linkage	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835	8835
7	Rivet	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536	9536



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