

HSC-C Series Expansion Joint Sizes 200 through 1200 (Slab-to-Wall)



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Hinged Safety Cover Expansion Joint






HSC-C Series (200-1200) / 50% Movement

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 3	Issue Date: 04/03/2025	30900-02

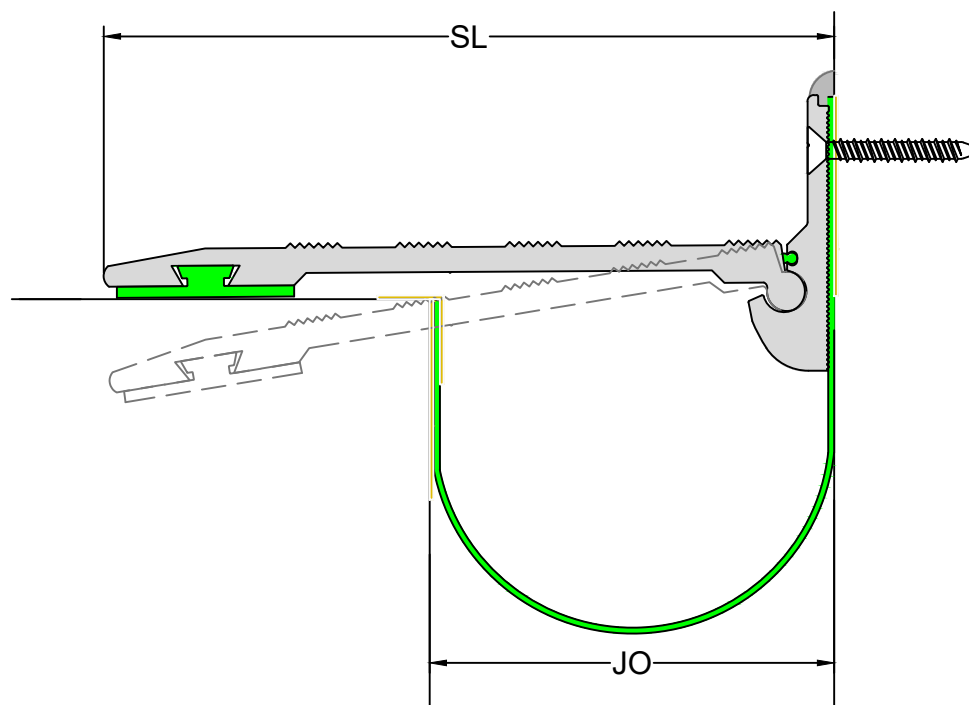
HSC-C Series Expansion Joint MOVEMENT CHART (400-1200) / 50% MOVEMENT

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement			
HSC-C-200	2.00	51	4.19	106	1.00	25	3.00	76	1.00	25	3.00	76	2.00	51	0.250	6
HSC-C-400	4.00	102	8.34	212	3.00	76	5.00	127	2.50	64	5.00	127	2.50	64	0.250	6
HSC-C-600	6.00	152	10.34	263	5.00	127	7.00	178	2.50	64	7.50	191	5.00	127	0.375	10
HSC-C-800	8.00	203	13.87	352	7.00	178	9.00	229	2.50	64	10.00	254	7.50	191	0.375	10
HSC-C-1000	10.00	254	15.87	403	9.00	229	11.00	279	2.50	64	12.50	318	10.00	254	0.375	10
HSC-C-1200	12.00	305	16.35	415	11.00	279	13.00	330	2.50	64	15.00	381	12.50	318	0.375	10

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

LOAD TABLE	
	Auto (Low Speed)
	Maintenance Cart
	Passenger Cart
	Safe Walking Surface
	ADA Compliant

Note: The HSC-C loading capabilities shown above are based upon average equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



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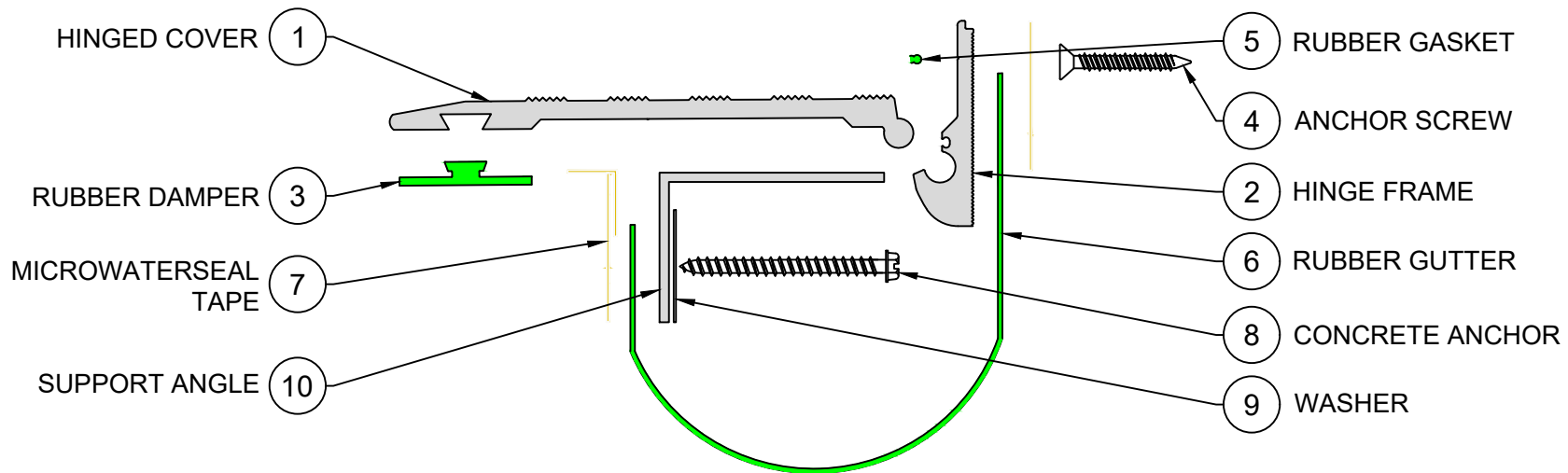
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Drawing Number:

SHT. 2 OF 3

Issue Date:
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NOTE: LOKCRETE BEDDING COMPOUND
(8333) Not shown.

EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	HSC-C-200	HSC-C-400	HSC-C-600	HSC-C-800	HSC-C-1000	HSC-C-1200
1	Hinged Cover	8542	8342	8343	8713-M-10	8714-M-10	8714-M-10
2	Hinge Frame	8717-M-10	8717-M-10	8717-M-10	8717-M-10	8717-M-10	8717-M-10
3	Rubber Damper	9458	9458	9458	9458	9458	9458
4	Anchor Screw	9039	9039	9039	9039	9039	9039
5	Gasket	9457	9457	9457	9457	9457	9457
6	Rubber Gutter	9109-09	9109-09	9109-12	9109-15	9109-18	9109-21
7	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
8	Concrete Anchor	N/A	N/A	N/A	N/A	N/A	9534
9	Washer	N/A	N/A	N/A	N/A	N/A	9573
10	Support Angle	N/A	N/A	N/A	N/A	N/A	8408-M-10-00-12



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