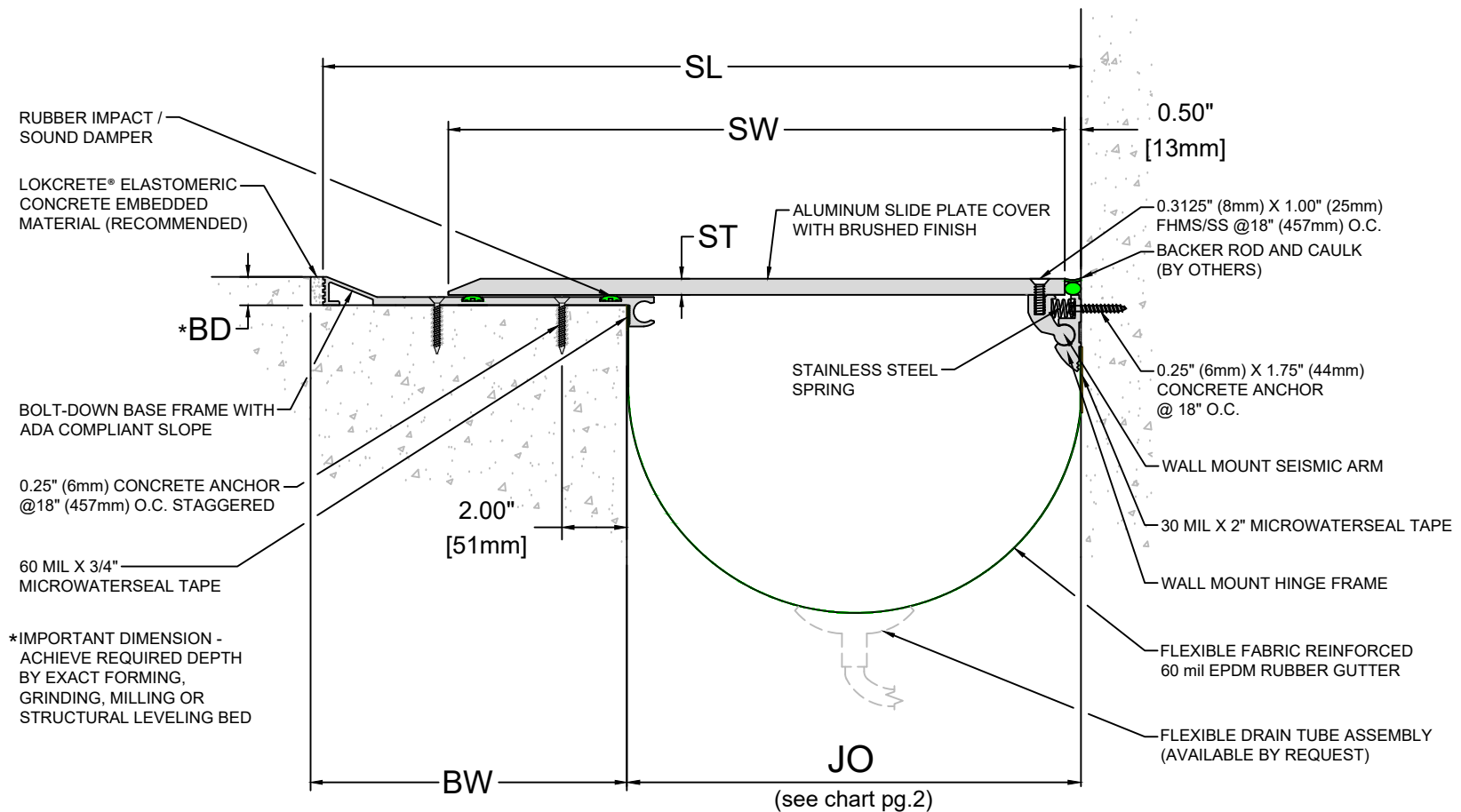




BIS-C Series Expansion Joint Sizes 1400 through 2400 (Slab-to-Wall)



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Bolt-In Seismic Expansion Joint

BIS-C Series (1400-2400) / 50% Movement

Drawn by: JRC	Scale: NTS	Drawing Number:
SHT. 1 OF 3	Issue Date: 12/21/23	30250-04A

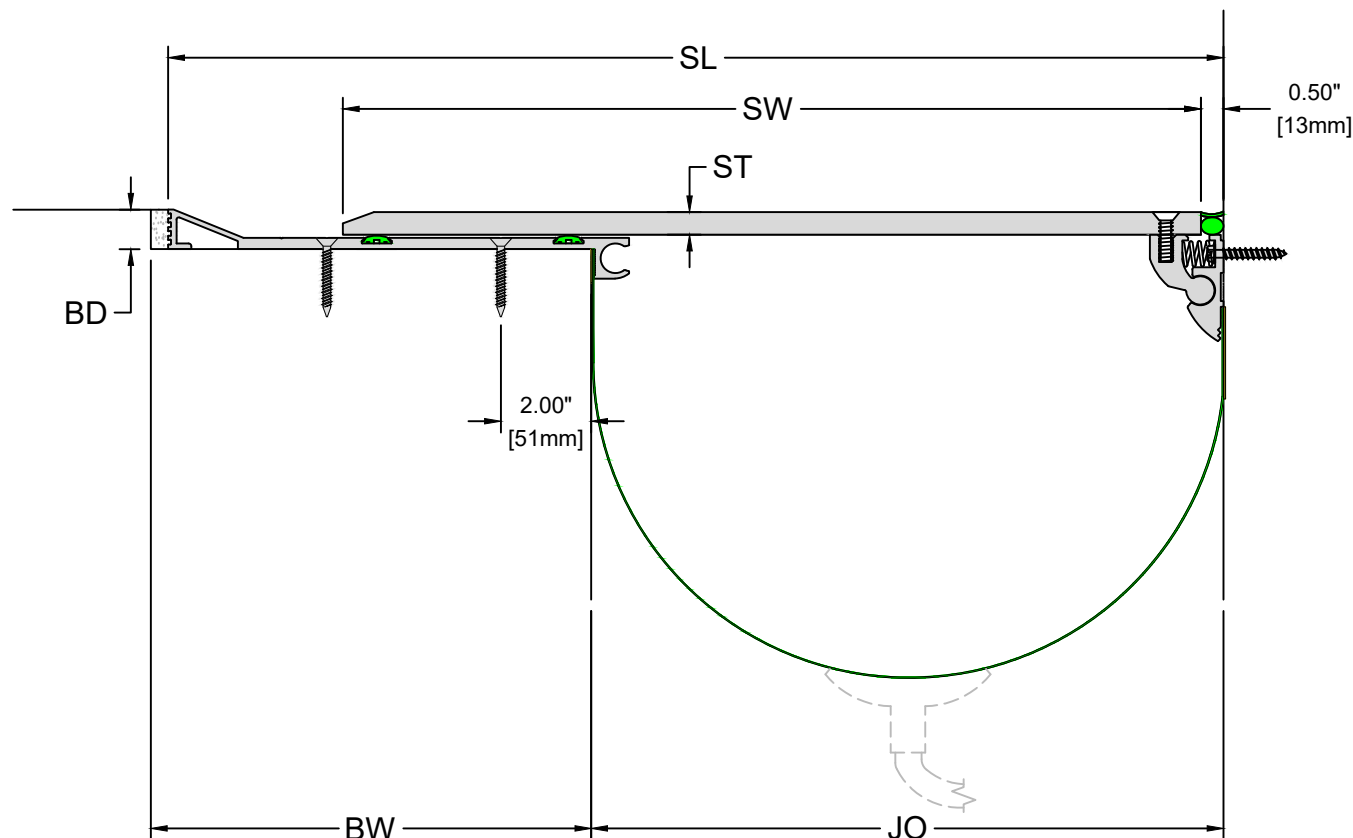
BIS-C SERIES EXPANSION JOINT MOVEMENT CHART (1400-2400) / 50% MOVEMENT

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)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum	Maximum			Minimum	Maximum			Minimum	Maximum								
BIS-C-1400	14.00	356	23.37	594	13.00	330	15.00	381	10.50	267	17.50	445	7.00	178	0.500	13	19.00	483	9.75	248	0.875	22
BIS-C-1600	16.00	406	25.37	644	15.00	381	17.00	432	12.00	305	20.00	508	8.00	203	0.500	13	21.50	546	9.75	248	0.875	22
BIS-C-1800	18.00	457	27.37	695	17.00	432	19.00	483	13.50	343	22.50	572	9.00	229	0.625	16	23.25	591	9.75	248	1.000	25
BIS-C-2000	20.00	508	29.36	746	19.00	483	21.00	533	15.00	381	25.00	635	10.00	254	0.625	16	25.00	635	9.75	248	1.000	25
BIS-C-2200	22.00	559	31.37	797	21.00	533	23.00	584	16.50	419	27.50	699	11.00	279	0.625	16	27.50	699	9.75	248	1.000	25
BIS-C-2400	24.00	610	33.37	848	23.00	584	25.00	635	18.00	457	30.00	762	12.00	305	0.625	16	30.00	762	9.75	248	1.000	25

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

LOAD TABLE	
	Auto (Low Speed)
	Maintenance Cart (Low Speed)
	Bus (Low Speed)
	AASHTO HS20 (Low Speed)
	Safe Walking Surface

Note: The BIS loading capabilities shown above are based upon average vehicular and 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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Bolt-In Seismic Expansion Joint

BIS-C Series (1400-2400) / 50% Movement

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Scale:

NTS

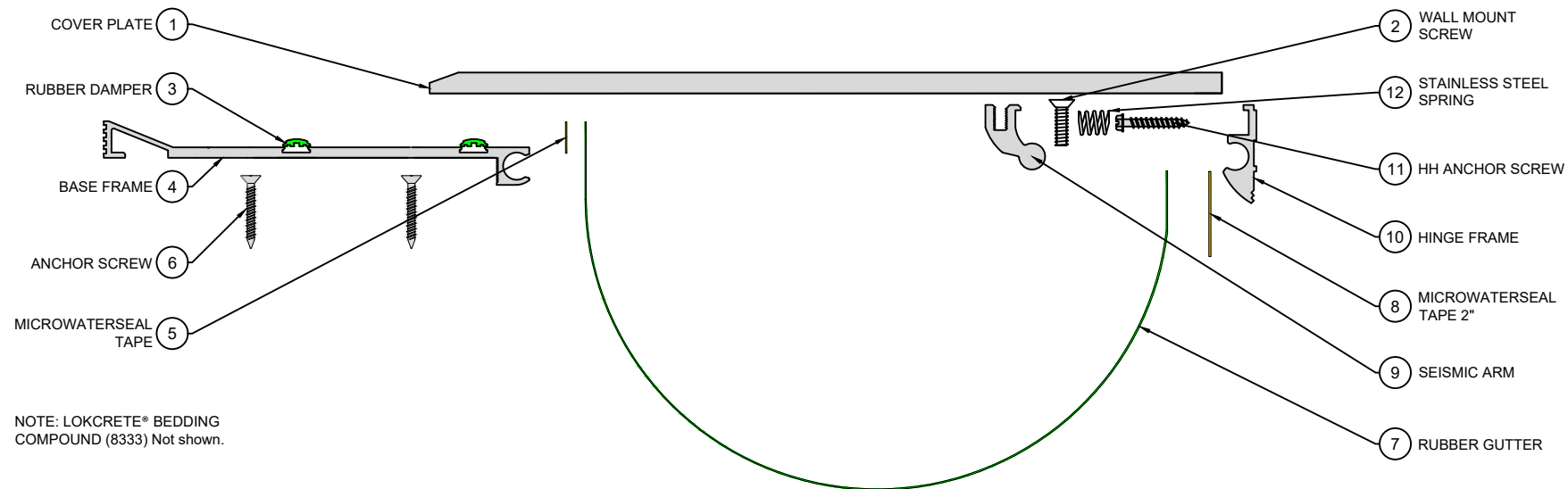
Drawing Number:

SHT. 2 OF 3

Issue Date:

12/21/23

30250-04A



EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	BIS-1400	BIS-1600	BIS-1800	BIS-2000	BIS-2200	BIS-2400
1	Cover Plate	CPHF-AT-10-1900-01-18	CPHF-AT-10-2150-01-18	CPHG-AT-05-2325-01-12	CPHG-AT-05-2500-01-12	CPHG-AT-05-2750-01-12	CPHG-AT-05-3000-01-12
2	Wall Mount Screw	9349	9349	9349	9349	9349	9349
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18	ASSY-71377140-M-10-00-18
5	Microwaterseal Tape	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$
6	Anchor Screw	9406	9406	9406	9406	9406	9406
7	Rubber Gutter	9109-30	9109-30	9109-35	9109-35	9109-40	9109-40
8	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
9	Seismic Arm	8357	8357	8357	8357	8357	8357
10	Hinge Frame	8358	8358	8358	8358	8358	8358
11	HH Anchor Screw	9397	9397	9397	9397	9397	9397
12	Stainless Steel Spring	8317	8317	8317	8317	8317	8317



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Bolt-In Seismic Expansion Joint

BIS-C Series (400-1200) / 50% Movement

Drawn by:

JRC

Scale:

NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:

12/21/23

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