

## HFXR Series Expansion Joint

### Sizes 100 through 400 (Slab to Slab)



**MM<sup>®</sup>**  
**SYSTEMS**

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#### Heavy-Duty Floating Cover

### HFXR Series (100-400)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:  
07/17/2023

**18000-01**

## HFXR SERIES EXPANSION JOINT MOVEMENT CHART (100-400)

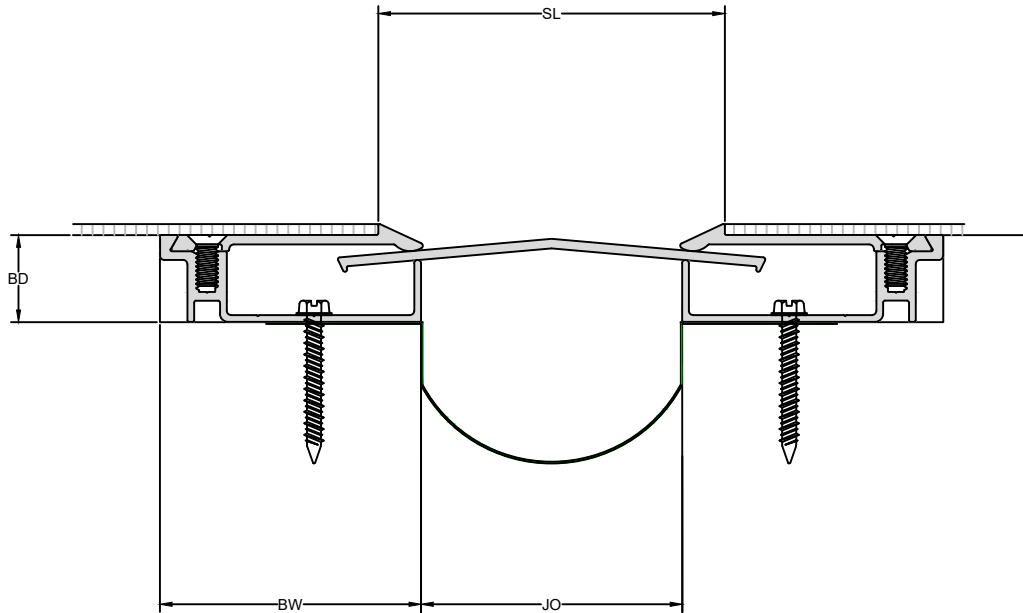
| Model Number | Joint Opening (JO <sup>N</sup> ) |     | Thermal Movement (JO <sup>T</sup> ) |    |             |     | Seismic Movement (JO <sup>S</sup> ) |    |             |     | Total (JO <sup>A</sup> ) |     | Blockout Depth (BD) |    | Blockout Width (BW) |    |
|--------------|----------------------------------|-----|-------------------------------------|----|-------------|-----|-------------------------------------|----|-------------|-----|--------------------------|-----|---------------------|----|---------------------|----|
|              | Nominal                          |     | Minimum                             |    | Maximum     |     | Minimum                             |    | Maximum     |     | Movement                 |     | Nominal             |    | Nominal             |    |
| HFXR-100     | <b>1.00</b>                      | 25  | <b>0.50</b>                         | 13 | <b>1.50</b> | 38  | <b>0.50</b>                         | 13 | <b>1.50</b> | 38  | <b>1.00</b>              | 25  | <b>1.00</b>         | 25 | <b>2.00</b>         | 51 |
| HFXR-150     | <b>1.50</b>                      | 38  | <b>1.00</b>                         | 25 | <b>2.00</b> | 51  | <b>0.75</b>                         | 19 | <b>2.25</b> | 57  | <b>1.50</b>              | 29  | <b>1.00</b>         | 25 | <b>2.00</b>         | 51 |
| HFXR-200     | <b>2.00</b>                      | 51  | <b>1.50</b>                         | 38 | <b>2.50</b> | 64  | <b>1.00</b>                         | 25 | <b>3.00</b> | 76  | <b>2.00</b>              | 51  | <b>1.00</b>         | 25 | <b>2.00</b>         | 51 |
| HFXR-300     | <b>3.00</b>                      | 76  | <b>2.50</b>                         | 64 | <b>3.50</b> | 89  | <b>1.50</b>                         | 38 | <b>4.50</b> | 114 | <b>3.00</b>              | 76  | <b>1.00</b>         | 25 | <b>3.00</b>         | 76 |
| HFXR-400     | <b>4.00</b>                      | 102 | <b>3.50</b>                         | 89 | <b>4.50</b> | 114 | <b>2.00</b>                         | 51 | <b>6.00</b> | 152 | <b>4.00</b>              | 102 | <b>1.00</b>         | 25 | <b>3.00</b>         | 76 |

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

### LOAD TABLE

|   |                      |
|---|----------------------|
|    | Shopping Cart        |
|    | Safe Walking Surface |
|   | Floor Polisher       |
|  | Hand Truck           |

Note: The HFXR 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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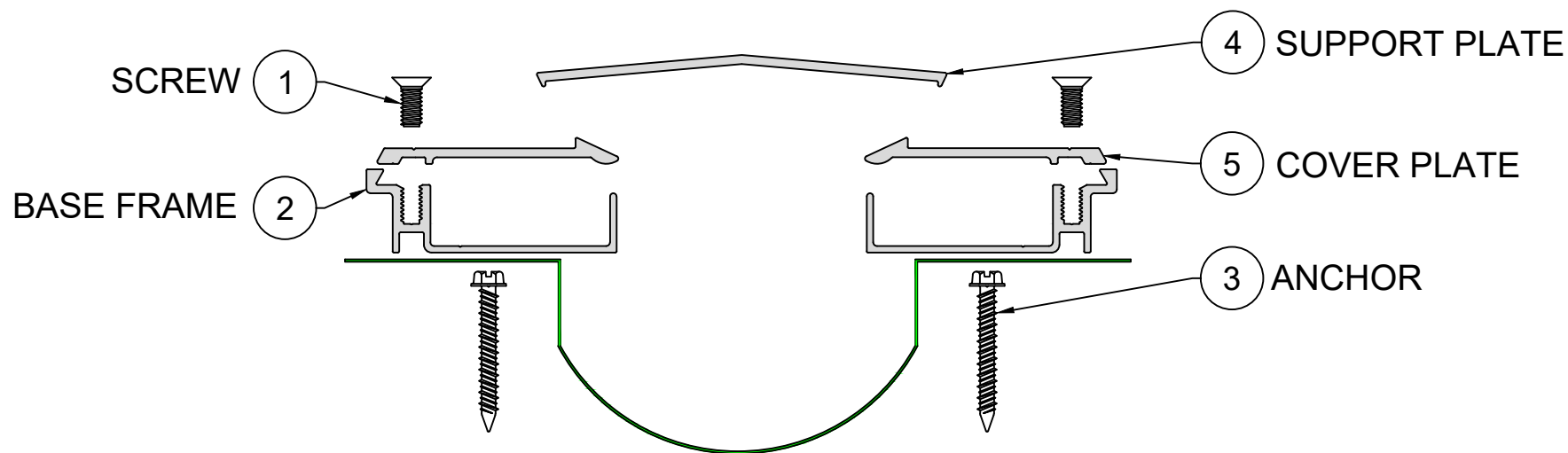
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### Heavy-Duty Floating Cover

### HFXR Series (100-400)

|                  |                           |  |
|------------------|---------------------------|--|
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| SHT. 2 OF 3      | Issue Date:<br>07/17/2023 |  |



EXPLODED VIEW ▲

PART NUMBERS ▼

| Locator | Part Component | HFXR-100 | HFXR-150 | HFXR-200 | HFXR-300 | HFXR-400 |
|---------|----------------|----------|----------|----------|----------|----------|
| 1       | Screw          | 9369     | 9369     | 9369     | 9369     | 9369     |
| 2       | Base Frame     | 8907     | 8907     | 8907     | 8921     | 8921     |
| 3       | Anchor         | 9397     | 9397     | 9397     | 9397     | 9397     |
| 4       | Support Plate  | 8909     | 8909     | 8912     | 8925     | 8926     |
| 5       | Cover Plate    | 8914     | 8914     | 8914     | 8930     | 8930     |



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#### Heavy-Duty Floating Cover

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