

## SPECIFICATIONS : ICSN-3" DEFLECTION RESTRAINED SPRING ISOLATOR

| Model       | Rated Load |        | Rated Deflection |      | Spring Color |        | Approx. WT. |       |
|-------------|------------|--------|------------------|------|--------------|--------|-------------|-------|
|             | lbf.       | kN     | in               | mm   | outer        | inner  | Lbs.        | kg    |
| ICSN-3-5000 | 5000       | 22.241 | 3.0              | 76.2 | GREY         | ---    | 99.00       | 44.91 |
| ICSN-3-5600 | 5600       | 24.91  | 3.0              | 76.2 | GREY         | WHITE  | 100.60      | 45.64 |
| ICSN-3-6000 | 6000       | 26.69  | 3.0              | 76.2 | BROWN        | ---    | 100.00      | 45.36 |
| ICSN-3-7000 | 7000       | 31.138 | 3.0              | 76.2 | BROWN        | YELLOW | 101.40      | 46.00 |
| ICSN-3-7600 | 7600       | 33.807 | 3.0              | 76.2 | BROWN        | GERY   | 101.80      | 46.18 |
| ICSN-3-8000 | 8000       | 35586  | 3.0              | 76.2 | BROWN        | RED    | 102.24      | 46.38 |
| ICSN-3-9000 | 9000       | 40.034 | 3.0              | 76.2 | BROWN        | BLACK  | 105.00      | 47.63 |

### Model

#### DIMENSION : ICSN-3-5000-9000

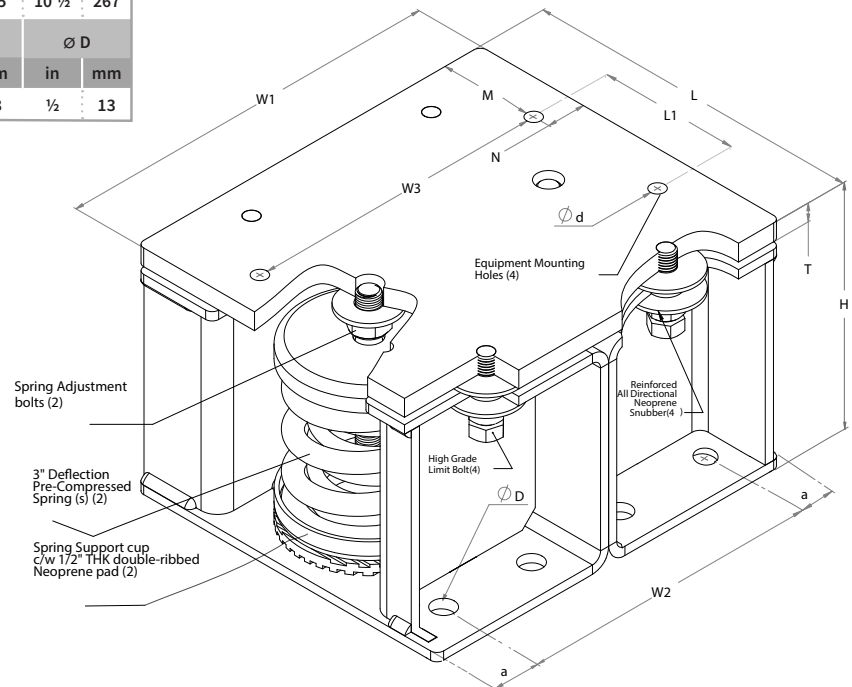
| L                       |     | L1    |     | H      |     | w1      |     | W2      |     | W3     |     |
|-------------------------|-----|-------|-----|--------|-----|---------|-----|---------|-----|--------|-----|
| in                      | mm  | in    | mm  | in     | mm  | in      | mm  | in      | mm  | in     | mm  |
| 11 3/8                  | 295 | 4 3/4 | 121 | 8 1/4  | 209 | 13 3/16 | 334 | 10 7/16 | 265 | 10 1/2 | 267 |
| T                       |     | M     |     | N      |     | a       |     | ød      |     | ø D    |     |
| in                      | mm  | in    | mm  | in     | mm  | in      | mm  | in      | mm  | in     | mm  |
| 3/8                     | 16  | 3 3/8 | 86  | 1 1/16 | 34  | 1 7/16  | 36  | 1/2     | 13  | 1/2    | 13  |
| spring Adjust ment Bolt |     |       |     |        |     |         |     |         |     |        |     |
| 3/4"                    |     |       |     |        |     |         |     |         |     |        |     |

### ISOLATOR'S LOCATIONS

|    |    |
|----|----|
| 1: | 5: |
| 2: | 6: |
| 3: | 7: |
| 4: | 8: |

### Plan view of installation Mounts under equipment

|   |   |   |   |
|---|---|---|---|
| 1 | 7 | 5 | 2 |
| 3 | 8 | 6 | 4 |



### Notes:

- ICSN-3-5000-9000 type isolators are designed for minimum 1g lateral seismic and wind load when attached to steel structure. Housing is made from high strength steel
- ICSN-3-5000-9000 Isolators are all Pre-Compressed to allow the lowest overall installation height and to offer significant labor saving during installation
- All springs have additional travel to solid equal to 50% of the Rated Deflection with minimum Kx/Ky ratio of 1.0 - All Elements are safe at solid load
- Spring(s) are powder - coated to provide maximum corrosion resistance , and are color-coded for easy identification at site - see table above
- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc -electroplated
- ICSN-3-5000-9000 isolators are designed to allow replacement of Neoprene grommet without disturbing equipment. Neoprene grommet are installed to prevent metal to metal contact
- Same Thickness and dimensions of isolator top plate, must be installed on top of isolator, when less than 80% of isolator's top plate is covered.

| PROJECT INFORMATION |  | EQUIPMENT INFORMATION |  | CANADA                                                    | UNITED STATES                                              |
|---------------------|--|-----------------------|--|-----------------------------------------------------------|------------------------------------------------------------|
| Customer:           |  | Type:                 |  | 8 High Meadow Place,<br>North York, ON M9L 2Z5,<br>CANADA | 800-7700 Irvine Center Dr.,<br>Irvine, CA 92618,<br>U.S.A. |
| Project:            |  | Qty Required:         |  | C: 416-831-3000                                           | C: 714-264-8090                                            |
| Drawing No:         |  | Operating Weight:     |  | www.isotechindustries.com                                 |                                                            |
| Notes:              |  |                       |  |                                                           |                                                            |