

SPECIFICATIONS: IHSS-2" DEFLECTION ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR

| Model | Rated Load | | Rated Deflection | | Spring Color | Approx. WT. | |
|-------------|------------|-------|---------------------|------|--------------|-------------|------|
| | lbf. | kN | in | mm | | lbs. | kg |
| IHSS-2-30 | 30 | 0.133 | 2 | 50.8 | PINK | 12.50 | 5.70 |
| IHSS-2-50 | 50 | 0222 | 2 | 50.8 | PURPLE | 12.50 | 5.70 |
| IHSS-2-100 | 100 | 0.445 | 2 | 50.8 | GREY | 12.57 | 5.71 |
| IHSS-2-200 | 200 | 0.89 | 2 | 50.8 | ORANGE | 12.58 | 5.71 |
| IHSS-2-300 | 300 | 1.335 | 2 | 50.8 | YELLOW | 12.60 | 5.72 |
| IHSS-2-400 | 400 | 1.78 | 2 | 50.8 | GREEN | 12.78 | 5.8 |
| IHSS-2-500 | 500 | 2.225 | 2 | 50.8 | WHITE | 14.82 | 6.73 |
| IHSS-2-600 | 600 | 2.669 | 2 | 50.8 | BLACK | 14.86 | 6.75 |
| IHSS-2-800 | 800 | 3.559 | 2 | 50.8 | RED | 14.92 | 6.77 |
| IHSS-2-1000 | 1000 | 4.449 | 2 | 50.8 | BLUE | 14.95 | 6.79 |
| IHSS-2-1500 | 1500 | 6.673 | 2 | 50.8 | BROWN | 14.95 | 6.79 |

| Dimension: IHSS-2" DEFLECTION ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR | | | | | | | |
|---|------|-----|-------|-----|-------------|-----|--|
| Model | L | | W | | н | | |
| | in | mm | in | mm | in | mm | |
| | 9% | 251 | 4.0 | 102 | 7 3/4 | 197 | |
| | L1 | | W1 | | ø D | | |
| IHSS-2-30-1500 | in | mm | in | mm | in | mm | |
| | 81/8 | 207 | 2 1/4 | 58 | 11/16 | 15 | |
| | A | | ı | В | SPRING BOLT | | |
| | in | mm | in | mm | ADJUSTMENT | | |
| | | | | | 5/8" | | |

| ISOLATOR'S LOCATIONS | | | | | |
|----------------------|----|---|---|----------------------|---|
| 1: | 5: | | | | |
| 2: | 6: | 1 | 7 | 5 | 2 |
| 3: | 7: | | | tallation quipmen | |
| 4: | 8: | 3 | 8 | 6 | 4 |

Notes:

Drawing No:

- Housing and Threaded rod are made of high strength steel. IHSS-2-30-1000 is designed and manufactured to provide minimum resistance of 1g for lateral seismic load
- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator-Hardware and Spring Compression Cup are zinc -electroplated
- Spring(s) are powder coated to provide maximum corrosion resistance , and are color-coded for easy identification at site see table above
- All springs have additional travel to solid equal to 50% of the Rated Deflection with minimum Kx/Ky ratio of 0.85 - All Elements are safe at solid load
- All directional snubber is made of reinforced neoprene and is designed to prevent metal to metal contact.
- IHSS-2-30-1500 must be installed so that snubbing elements have 1/8" to 1/4" clearance with housing under operating condition

PROJECT INFORMATION

EQUIPMENT INFORMATION

Customer:

Type:

9 Silton Road

Woodbridge ON
L4L 7Z8 CANADA

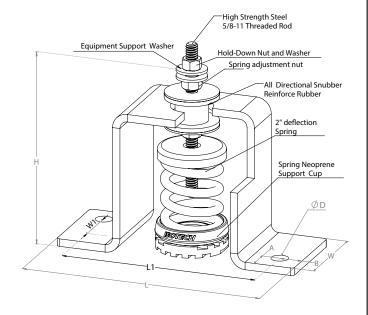
Operating Weight:

IHSS-2 ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR

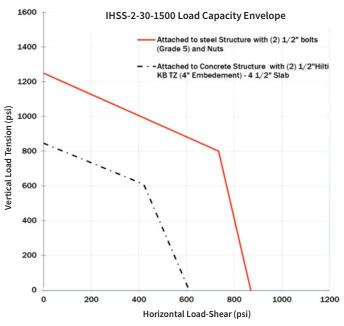
File No.: ISOCS-IHSS-2-30-1500

Date: 12/18/15

ISOIN-IHSS-2-30-1500, Installation Instructions Document, to be Reviewed for Installation



* Anchor capacity is based on 4000 psi reinforce concrete(cracked concrete) with minimum 6" edge distance. Hilti anchors- Type KBTZ - were considered for all calculations. Detailed calculations must be performed if different anchors are used.



T: 905-856-5001

Notes:

Tool free: 1-888-831-3311
www.isotechindustries.com

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USA Location

U.S.A T: 949-788-2930

3021 E Coronado St. Anaheim, CA.,92806