

2" Deflection Seismically Rated Floor Mounted Spring Isolator

File No. : ISOCS-IHSS-2-100-3000

Date: 12/18/15

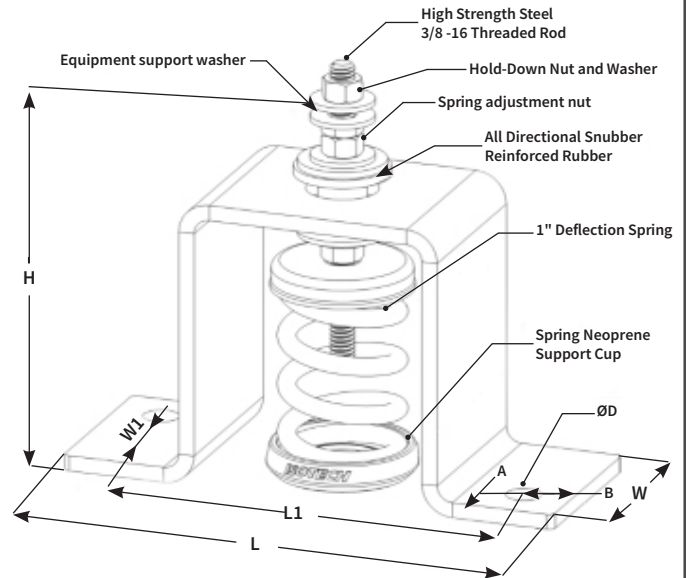
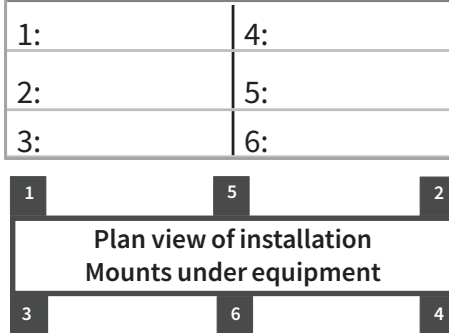
ISOIN-IHSS-2-100-3000, Installation Instructions document, to be reviewed for installation

SPECIFICATIONS - 2" DEFLECTION SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR

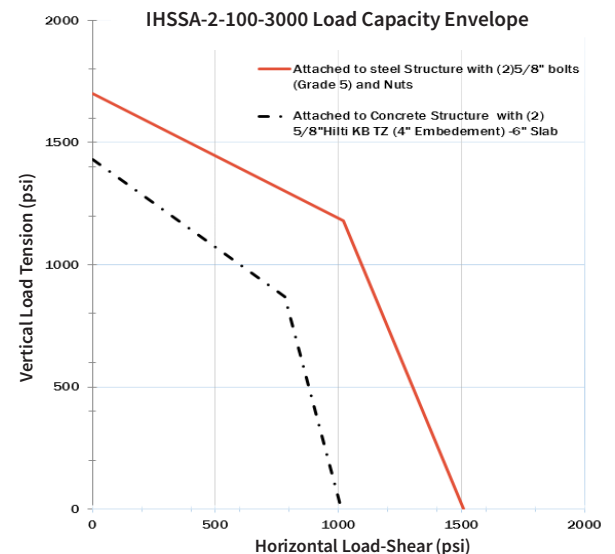
Model	Rated Load		Rated Deflection		Spring Color		Approx. WT.	
	lbs.	KN	in	mm	outer	inner	lbs.	Kg
IHSS-2-100	100	0.445	2.0	50.8	RED	---	25.50	11.57
IHSS-2-200	200	0.89	2.0	50.8	WHITE	---	25.60	11.62
IHSS-2-300	300	1.335	2.0	50.8	WHITE	GREY	25.80	11.71
IHSS-2-400	400	1.78	2.0	50.8	WHITE	ORANGE	25.90	11.75
IHSS-2-500	500	2.225	2.0	50.8	BROWN	---	26.00	11.8
IHSS-2-600	600	2.669	2.0	50.8	BROWN	GREY	26.10	11.84
IHSS-2-800	800	3.559	2.0	50.8	BLUE	---	26.30	11.93
IHSS-2-1000	1000	4.449	2.0	50.8	BLUE	GREY	26.40	11.98
IHSS-2-1200	1200	5.338	2.0	50.8	GREEN	ORANGE	27.00	12.25
IHSS-2-1500	1500	6.673	2.0	50.8	GREY	---	26.80	12.16
IHSS-2-1800	1800	8.007	2.0	50.8	GREY	YELLOW	27.30	12.39
IHSS-2-2000	2000	8.897	2.0	50.8	YELLOW	---	26.90	12.21
IHSS-2-2200	2200	9.787	2.0	50.8	YELLOW	ORANGE	27.50	12.48
IHSS-2-2500	2500	11.121	2.0	50.8	ORANGE	---	27.10	12.3
IHSS-2-2800	2800	12.455	2.0	50.8	ORANGE	YELLOW	27.90	12.66
IHSS-2-3000	3000	13.345	2.0	50.8	BLACK	---	27.50	12.48

Model						
IHSS-2-100-3000						
L		W		H		
in	mm	in	mm	in	mm	
10.0	254	9.0	229	7 1/8	186	
L1		W1		ø D		
in	mm	in	mm	in	mm	
8 1/4	210	7 1/4	185	1 1/16	18	
T1		T		SPRING BOLT ADJUSTMENT		
in	mm	in	mm			
3/4	20	3/8	10			
A		B		5/8"		
in	mm	in	mm			
7/8	23	5.0	127			

ISOLATOR LOCATIONS



* 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.



Notes:

- Housing and Threaded rod are made of high strength steel. IHSSA-1-30-600 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. IHSSA-1-30-600 must be installed so that snubbing elements have 1/8" to 1/4" clearance with housing under operating condition

PROJECT INFORMATION		EQUIPMENT INFORMATION		<div>Canada location</div> <div>35 Siltan Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001 www.isotechindustries.com</div> <div>USA Location</div> <div>7700 Irvine Centre Drive Suite 800 Irvine, CA, 92618 U.S.A T: 949-788-2930</div>	<div>VISCA</div> <div>MEMBER</div>
Customer:		Type:			
Project:		Qty Required:			
Drawing No:		Operating Weight:			
Notes:					