

## SPECIFICATIONS: IHSS-1" DEFLECTION ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR

Model	Rated Load		Rated Deflection		Spring Color	Approx. WT.	
	lbf.	kN	in	mm		lbs.	kg
IHSS-1-30	30	0.134	1	25.4	YELLOW	4.57	2.08
IHSS-1-50	50	0.223	1	25.4	GREEN	4.58	2.08
IHSS-1-100	100	0.445	1	25.4	BLACK	4.60	2.09
IHSS-1-150	150	0.668	1	25.4	RED	4.78	2.17
IHSS-1-200	200	0.89	1	25.4	BLUE	4.82	2.19
IHSS-1-300	300	1.335	1	25.4	WHITE	4.86	2.21
IHSS-1-400	400	1.78	1	25.4	BROWN	4.92	2.24
IHSS-1-500	500	2.225	1	25.4	ORANGE	4.95	2.25
IHSS-1-600	600	2.669	1	25.4	GREY	5.10	2.32

Dimension: IHSS-1" DEFLECTION ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR							
	L		w		н		
Model	in	mm	in	mm	in	mm	
	8.0	204	3.0	77	5 <sup>15</sup> / <sub>16</sub>	151	
	L1		W1		ø D		
	in	mm	in	mm	in	mm	
	61/2	166	2 1/4	39	9/16	15	
IHSS-1-30-600	Α		В		SPRING BOLT		
	in	mm	in	mm	ADJUS	STMENT	

ISOLATOR'S LOCATIONS					
1:	5:				
2:	6:	1	7		5
3:	7:	Г		ew of ins under ec	tallation quipment
4:	8:	3	8		6

## Notes:

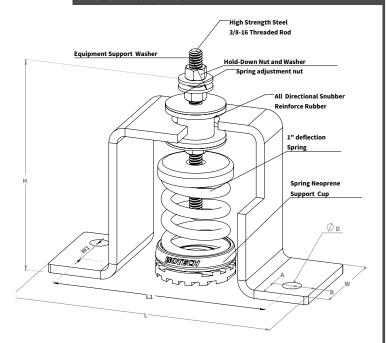
- Housing and Threaded rod are made of high strength steel. IHSS-1-30-600 is designed and manufactured to provide minimum resistance of 1g for lateral seismic load.
- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator Hardware and Spring Compression Cup are zinc-electroplated
- 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.
- IHSS-1-30-600 must be installed so that snubbing elements have 1/8" to 1/4" clearance with housing under operating condition

## **IHSS-1** ISOTECH SEISMICALLY RATED FLOOR MOUNTED SPRING ISOLATOR

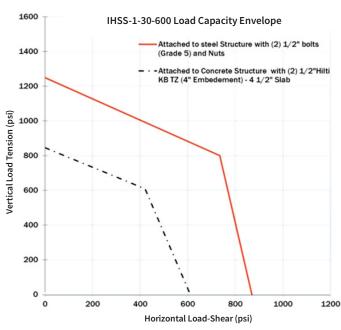
File No. : ISOCS-IHSS-1-30-600

Date: 12/18/15

ISOIN-IHSS-1-30-600, 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.



PROJECT INFORMATION	EQUIPMENT INFOR	EQUIPMENT INFORMATION		USA Location	
Customer:	Type:		35 Silton Road	3021 E Coronado St. 回旋旋回	
Project:	Qty Required:		Woodbridge ON L4L 7Z8 CANADA	3021 E Coronado St. Anaheim, CA.,92806 U.S.A	
Drawing No:	Operating Weight:		T: 905-856-5001	U.S.A T: 949-788-2930	
Notes:			Tool free : 1-888-831-3311 www.isotechindustries.com		

COPYRIGHT: UNLESS OTHERWISE AGREED OR STATED IN WRITING, ALL INFORMATION AND DESIGNS DISPLAYED WITHIN ARE ALL THE PROPERTY OF ISOTECH INDUSTRIES INC. AND MAY NOT BE DUPLICATED OR DISTRIBUTED OUTSIDE OF ISOTECH INDUSTRIES INC. WITH THE EXCEPTION OF AUTHORIZED PERSONS WITH LEGITIMATE NEED TO KNOW WHO BY THE USE OF THIS RECOGNIZE ISOTECH INDUSTRIES INC. OWNERSHIP AND WILL COMPLY TO MAINTAIN THIS INFORMATION AND DESIGN IN STRICT CONFIDENCE.