

IPSSA-2L SEISMICALLY RATED PRE-COMPRESSED RESTRAINED SPRING

File No.: ISOCS-IPSSA-2L-30-400

Date: 01/19/25

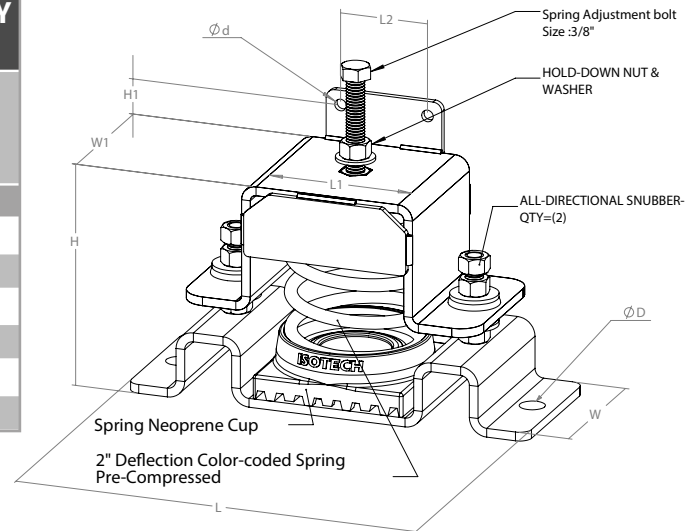
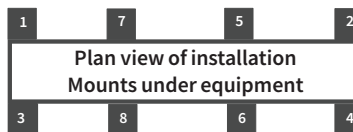
ISOIN-IPSSA-2L-30-400, Installation Instructions Document, to be Reviewed for Installation

SPECIFICATIONS : IPSSA-2L ,2" DEFLECTION SEISMICALLY RATED PRE-COMPRESSED RESTRAINED SPRING

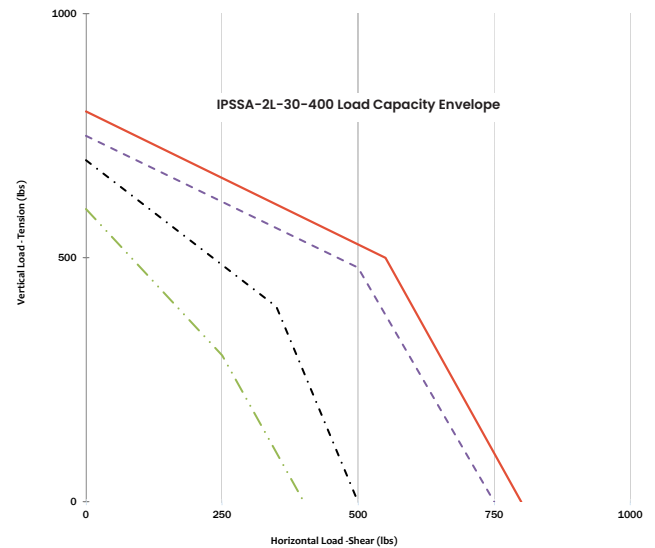
Model	RATED LOAD		RATED DEFLECTION		SPRING COLOR	APPROX. WEIGHT	
	lbf.	kN	in	mm		lbs.	kg
IPSSA-2L-30	30	0.134	2.0	50.8	PINK	7.00	3.18
IPSSA-2L-50	50	0.223	2.0	50.8	PURPLE	7.00	3.18
IPSSA-2L-100	100	0.445	2.0	50.8	GREY	7.10	3.23
IPSSA-2L-200	200	0.89	2.0	50.8	ORANGE	7.20	3.27
IPSSA-2L-300	300	1.335	2.0	50.8	YELLOW	7.30	3.32
IPSSA-2L-400	400	1.78	2.0	50.8	GREEN	7.40	3.36

Model					
DIMENSION : IPSSA-2L-30-400					
L		L1		L2	
in	mm	in	mm	in	mm
8 3/4	220	3 1/4	78	1 1/4	48
W		W1		H	
in	mm	in	mm	in	mm
3 1/4	83	3 1/4	83	4 3/4	121
H1		ØD		Ød	
in	mm	in	mm	in	mm
3/4	20	1/2	13	1/4	7
ADJUSTMENT BOLT					
3/8"					

ISOLATOR'S LOCATIONS	
1:	5:
2:	6:
3:	7:
4:	8:



- Attached to steel Structure with (2) 1/2" bolts (Grade 5) and Nuts
- - - Attached to Concrete Structure with (2) 1/2" Hilti KB TZ (3" Embedment) -4" Slab
- Attached to Concrete Structure with (2) 3/8" Hilti KB TZ (2" Embedment) -4" Slab
- - - Attached to Concrete Structure with Hilti HY200 and (2) 1/2" Grade 5 Threaded Rod (2" Embedment) - 4" Slab



NOTE:

- IPSSA-2L-30-400 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.
- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc -electroplated.
- Spring is powder - coated to provide maximum corrosion resistance , and are color-coded for easy identification at site - see table above.
- IPSSA-2L-30-400 isolators are designed to allow replacement of rubber snubber without disturbing equipment. Rubber snubbers are installed to prevent metal to metal contact.

* 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 INFORMATION		Canada location	USA Location	
Customer:		Type:		35 Silton Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001	3021 E Coronado St. Anaheim, CA, 92806 U.S.A T: 949-788-2930	
Project:		Qty Required:				
Drawing No:		Operating Weight:				
Notes:						