

ICSS-5 SEISMICALLY RATED ISOLATOR ATTACHMENT TO STEEL STRUCTURE

File No.: ISOCS-ICSS-5-200-5000

Date: 03/29/22

ISOIN-ICSS-5-200-5000, Insto be Reviewed for Installation Installation instructions Document,

SPECIFICATIONS: ICSS-5" DEFLECTION RESTRAINED SPRING ISOLATOR								
	Rated Load		Rated Deflection		Spring Color		Approx. WT.	
Model	lbf.	Kn	in	mm	outer	inner	lbs.	Kg
ICSS-5-200	200	0.89	5.0	127.0	ORANGE		156.00	70.76
ICSS-5-500	500	2.225	5.0	127.0	BLUE		158.00	71.67
ICSS-5-1000	1000	4.449	5.0	127.0	RED		161.00	73.03
ICSS-5-1500	1500	6.673	5.0	127.0	RED	YELLOW	161.00	73.03
ICSS-5-2000	2000	8.897	5.0	127.0	GREEN		163.00	73.94
ICSS-5-2500	2500	11.121	5.0	127.0	GREEN	YELLOW	162.00	73.48
ICSS-5-3000	3000	13.345	5.0	127.0	GREY		163.00	73.94
ICSS-5-3500	3500	15.569	5.0	127.0	BLACK		164.00	73.39
ICSS-5-4000	4000	17.793	5.0	127.0	BLACK	YELLOW	165.00	74.84

(2) Reinforced Neoprene Snubbers
Spring Adjustment Bolt 1
Spring Support Plate c/w 3/8" Thick Double Ribbed Neoprene Pad

Model											
DIMENSION : ICSS-5-200-5000											
L W		W1		Н		Т		W2			
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
18.0	458	9.0	229	6 ½	165	13	330	5/8	16	5.0	127
ø D		ø d M			N		a		SPRING ADJUSTMENT		
in	mm	in	mm	in	mm	in	mm	in	mm	BOLTS	
13/16	21	11/16	18	5.0	13	1 1/4	32	2	51	1	"

127.0

127.0

WHITE

BROWN

166.00

167.00

75.75

* Load Capacity Envelope: Concrete loads are based on 4000 psi reinforced concrete with minimum 6" edge distance and can be considered for non seismic applications only

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

4500 20.017

22.793

5000

ICSS-5-5000



- ICSS-5-200-5000 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
- Powder-coated finish for Housing Spring Compression Plate and Spring Support Plate to offer maximum corrosion resistance for isolator Hardware are zinc -electroplated
- ICSS-5-200-5000 isolators are designed to allow replacement of Reinforced Snubber without disturbing equipment. Reinforced Snubbers are installed to prevent metal to metal contact

PROJECT INFORMATION	EQUIPMENT INFORMATION	Canada location	USA Location
Customer:	Туре:	35 Silton Road	3021 E Coronado St.
Project:	Qty Required:	Woodbridge ON	3021 E Coronado St. Anaheim, CA.,92806

Drawing No:	Operating Weight:		T: 905-856-5001	T: 949-788-2930
Notes:		<u> </u>		ee: 1-888-831-3311 sotechindustries.com

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