

ICSS-3 SEISMICALLY RATED ISOLATOR ATTACHMENT TO STEEL STRUCTURE

File No.: ISCOS-ICSS-3-5000-9000

Date:03/29/22

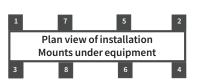
ISOIN-ICSS-3-5000-9000, Installation Instructions Document, to be Reviewed for Installation

SPECIFICATIONS: ICSS-3" DEFLECTION RESTRAINED SPRING ISOLATOR								
Madal	Rated Load		Rated Deflection		Spring Color		Approx. WT.	
Model	lbf.	kN	in	mm	outer	inner	lbs.	kg
ICSS-3-5000	5000	22.241	3.0	76.2	GREY		99.00	44.91
ICSS-3-5600	5600	24.91	3.0	76.2	GREY	WHITE	100.60	45.64
ICSS-3-6000	6000	26.69	3.0	76.2	BROWN		100.00	45.36
ICSS-3-7000	7000	31.138	3.0	76.2	BROWN	YELLOW	101.40	46.00
ICSS-3-7600	7600	33.807	3.0	76.2	BROWN	GREY	101.80	46.18
ICSS-3-8000	8000	35586	3.0	76.2	BROWN	RED	102.24	46.38
ICSS-3-9000	9000	40.034	3.0	76.2	BROWN	BLUE	105.00	47.63

Model											
DIMENSION : ICSS-3-5000-9000											
L		L	.1	Н		w1		W2		W3	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
11 %	295	4 3/4	121	8 1/4	209	13 3/16	334	10 1/16	265	10 ½	267
Т		M		N		a		Ød		Ø D	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
5/8	16	3 %	86	1 1/16	34	1 1/16	36	1/2	13	1/2	13
spring Adjustment Bolt											
3/4"											

WI M L
0 0 11
W3 9
Ød
Equipment Mounting Holes (4)
Spring Adjustment bolts (2)
bolts (2)
3" Deflection High Grade Limit Bolt(4)
3" Deflection Pre-Compressed Spring (5) (2) D a a
spirity (s) (2)
Spring Support cup
Spring Support cup CW 172 **THK double-ribbed Neoprene pad (2)
W2
a
a a

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



Notes:

- ICSS-3-5000-9000 type isolators are designed for minimum 1g lateral seismic and wind load when attached to steel structure. Housing is made from high strength steel
- ICSS-3-5000-9000 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 · Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc -electroplated
- ICSS-3-5000-9000 isolators are designed to allow replacement of Neoprene grommet without disturbing equipment. Neoprene grommet are installed to prevent metal to metal contact.

	• Same I hickness and dimensions of isolator top plate, must be installed on top of isolator, when less than 80% of isolator's top plate is covered.								
PROJECT INFORMATION			EQUIPMENT INFOR	MATION	Canada location	USA Location			
	Customer:		Type:		35 Silton Road	3021 E Coronado St. 回旋基準			
	Project:		Qty Required:		Woodbridge ON L4L 7Z8 CANADA	3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930			
	Drawing No:		Operating Weight:		T: 905-856-5001	T: 949-788-2930			

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

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