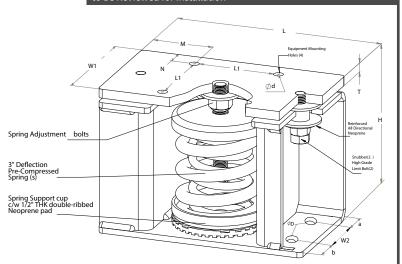


ICSN-3 ISOTECH COOLING TOWER/CHILLER NON-SEISMIC

File No.: ISOCS-ICSN-3-100-4500

Date: 12/27/15

ISOIN-ICSN-3-100-4500, Installation instructions Document, to be Reviewed for Installation

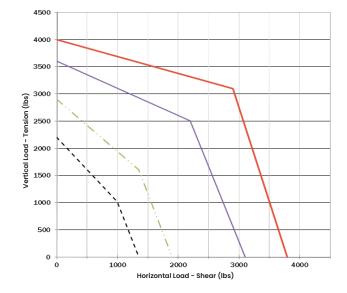


* Load Capacity Envelope: Concrete loads are based on 4000 psi reinforced concrete with minimum 6" edge distance and can be considered for non seismic applications only.

ICSN-3-100-4500 LOAD CAPACITY ENVELOPE

- - Attached to Concrete Structure with (2) 1/2" Hillti KB TZ (2" Embedement) -4" Slab

Attached to Concrete Structure with (2) 5/8" Hilli KB TZ 4" Embedement) -6" Slab
 Attached to steel structure with (4) 1/2" Bolts(Grade 5) and Nuts



SPECIFICATIONS: ICSN-3" DEFLECTION ISOTECH COOLING TOWER/CHILLER NON-SEISMIC RESTRAINED SPRING

RESTRAINED SPRING									
Model	Rated Load		Rated Deflection		Spring Color		Approx. WT.		
Model	lbf.	kN	in	mm	outer	inner	lbs.	kg	
ICSN-3-100	100	0.445	3.0	76.2	YELLOW		46.50	21.1	
ICSN-3-200	200	0.89	3.0	76.2	YELLOW	BROWN	47.00	21.31	
ICSN-3-300	300	1.335	3.0	76.2	GREEN		46.90	21.28	
ICSN-3-400	400	1.78	3.0	76.2	GREEN	BROWN	47.40	21.51	
ICSN-3-500	500	2.225	3.0	76.2	BLUE		47.10	21.37	
ICSN-3-600	600	2.669	3.0	76.2	BLUE	BROWN	47.50	21.55	
ICSN-3-800	800	3.559	3.0	76.2	WHITE		47.00	21.32	
ICSN-3-1000	1000	4.449	3.0	76.2	ORANGE		47.30	21.46	
ICSN-3-1200	1200	5.338	3.0	76.2	ORANGE	BLACK	47.80	21.69	
ICSN-3-1500	1500	6.673	3.0	76.2	BLACK		47.80	21.69	
ICSN-3-1800	1800	8.007	3.0	76.2	ORANGE	GREY	48.00	21.78	
ICSN-3-2000	2000	8.897	3.0	76.2	RED		47.50	21.55	
ICSN-3-2300	2300	9.787	3.0	76.2	BLACK	GREY	48.10	21.82	
ICSN-3-2500	2500	11.121	3.0	76.2	GREY		48.00	21.78	
ICSN-3-2800	2800	12.455	3.0	76.2	GREY	WHITE	48.80	21.14	
ICSN-3-3000	3000	13.345	3.0	76.2	BROWN		48.50	22	
ICSN-3-3500	3500	15.569	3.0	76.2	BROWN	YELLOW	49.20	22.32	
ICSN-3-3800	3800	16.904	3.0	76.2	BROWN	GREY	49.40	22.41	
ICSN-3-4000	4000	17.793	3.0	76.2	BROWN	RED	49.62	22.51	
ICSN-3-4500	4500	20.017	3.0	76.2	BROWN	BLUE	52.00	23.59	

Model **DIMENSION: ICSN-3-100-4500** 11 1/2 293 6 %16 : 167 8 1/16 : 205 1/2 13 3 1/2 1/2 13 15 1 1/16 27 111/16 43 1 3/8 36 3/4"

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



Notes:

- ICSN-3-100-4500 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
- ICSN-3-100-4500 isolators are designed to allow replacement of Neoprene grommet without disturbing equipment. Neoprene grommet are installed to prevent metal to metal contact
- Same Thickness and dimensions of isolator top plate, must be installed on top of isolator, when less than 80% of isolator's top plate is covered.

ı	I								
PROJECT INFORMATION		EQUIPMENT INFOR	MATION	CANADA	UNITED STATES				
ı	Customer:		Type:		8 High Meadow Place,	800-7700 Irvine Center Dr.	.,		
ı	Project:		Qty Required:		North York, ON M9L 2Z5,	Irvine, CA 92618, U.S.A.			
ı	Drawing No:		Operating Weight:		C: 416-831-3000	C: 714-264-8090			
I									
ı	Notes:		www.isotechindustries.com						

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