

## IAS - ISOTECH AIR SPRING

File No.: ISOCS-IAS-450-2800

Date:12/27/15

ISOIN-IAS-450-2800, Installation Instructions Document, to be Reviewed for Installation

### SPECIFICATIONS : IAS- DYNAMIC CHARACTERISTICS OF AIR SPRING (AIR BAG) AT 8.5 in. DESIGN HEIGHT

VOLUME @ 100 PSIG = 376 in <sup>3</sup>			NATURAL FREQUENCY	
GAGE PRESSURE (PSIG)	LOAD (Lbf.)	SPRING RATE (Lbf./in)	CPM	Hz
20	450	185	123	2.04
40	990	414	121	2.02
60	1,540	615	119	1.98
80	2,130	820	116	1.94
100	2,720	996	114	1.89

L		W		H	
in	mm	in	mm	in	mm
17 1/8	442	9	254	11 1/8	289
T		W1		W2	
in	mm	in	mm	in	mm
1/2	13	10	254	8	204
W3		W4		L1	
in	mm	in	mm	in	mm
3	77	6 1/2	953	15 1/8	391
L2		PNEUMATIC PIPE/ CONNECTION		SET PRESSURE	
in	mm				
8	204	1/2"			

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



1      7      5      2

3      8      6      4

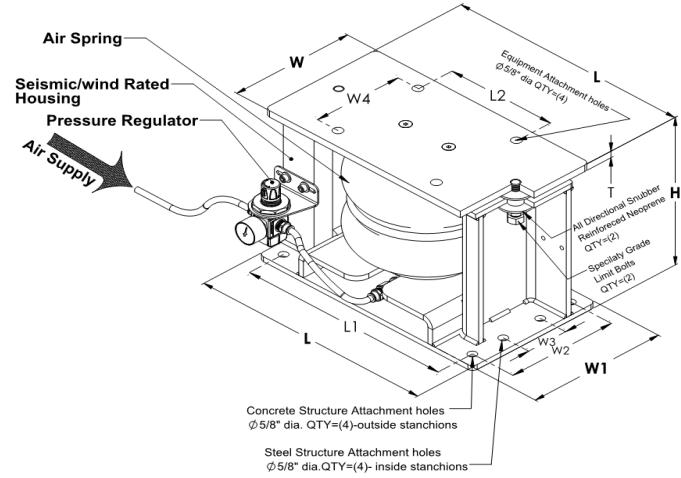
Plan view of installation  
Mounts under equipment

#### Notes:

- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator hardware and Spring Compression Cup are zinc-electroplated
- 1/2" THK plate, with the same 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 INFORMATION		CANADA	UNITED STATES
Customer:		Type:		8 High Meadow Place, North York, ON M9L 2Z5, CANADA	800-7700 Irvine Center Dr., Irvine, CA 92618, U.S.A.
Project:		Qty Required:		C: 416-831-3000	C: 714-264-8090
Drawing No:		Operating Weight:			<a href="http://www.isotechindustries.com">www.isotechindustries.com</a>
Notes:					

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.



#### Important note for attachment to housing structure:

- For attachment to Steel Structure use (4) holes that are located inside stanchions
- For attachment to Concrete Structure use (4) holes that are located outside stanchions

