

IAS - ISOTECH AIR SPRING

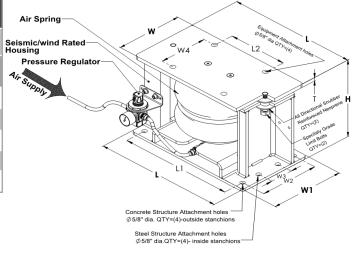
File No.: ISOCS-IAS-450-2800

Date:12/27/15

 ${\tt ISOIN-IAS-450-2800,\ Installation\ Instructions\ Document, to\ be\ Reviewed\ for\ Installation}$

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

VOLUME @ 100 PSIG = 376 in			NATURAL FREQUENCY	
GAGE PRESSURE (PSIG)	LOAD (Lbf.)	SPRING RATE (Lbf./in)	СРМ	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

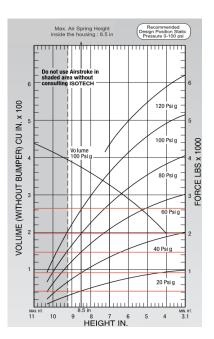


SEISMICALLY/WIND RATED AIR SPRING MOUNT

SPRING MOUNT					
L		w		Н	
in	mm	in	mm	in	mm
17 %	442	9	254	11 %	289
	г	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 ½	953	15 %	391
L	2	PNEUMATIC PIPE/ CONNECTION		SET PRESSURE	
in	mm				
8	204	1/2"			

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



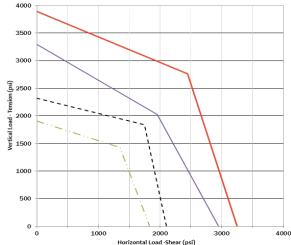


Important note for attachment to housing structure:

- 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

IAS-450-2800 Load Capacity Envelope

- Attached to Steel Structure with (4) 5/8" Bolts(Grade 5) and Nuts
- Attached to Concrete Structure with (4) 5/8" Hilti KB TZ (4" Embedement) -6" Slab
 Attached to Concrete Structure with (4) 1/2" Hilti KB TZ (3-1/4" Embedement) -4" Slab
- Attached to steel structure with (4) 1/2" Bolts(Grade 5) and Nuts



Notes:

- $\bullet \ \ Hot-Dip\ Galvanized\ finish\ for\ Housing\ to\ offer\ maximum\ corrosion\ resistance\ for\ isolator\ hardware\ and\ Spring\ Compression\ Cup\ are\ zinc-electroplated$
- 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 location	USA Location	
Customer:	Туре:	35 Silton Road	3021 E Coronado St. 3021 E	
Project:	Qty Required:	Woodbridge ON L4L 7Z8 CANADA		
Drawing No:	Operating Weight:	T: 905-856-5001	U.S.A T: 949-788-2930	
Notes:			Tool free : 1-888-831-3311 www.isotechindustries.com	

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