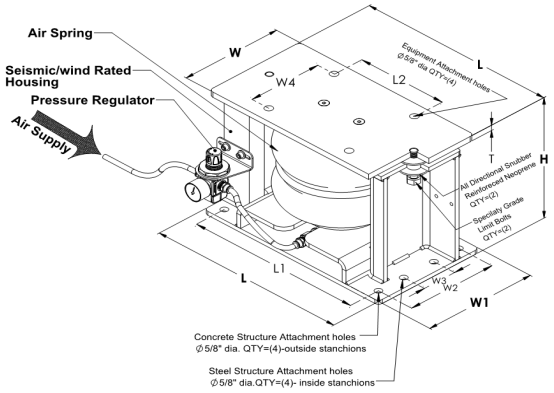
IAS - ISOTECH AIR SPRING

File No.: ISOCS-IAS-450-2800 Date: 12/27/15

SEISMICALLY/WIND RATED AIR SPRING MOUNT

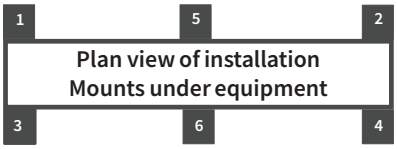
L		W		H	
in	mm	in	mm	in	mm
17 ½	442	10	254	11 ⅜	289
T		**W1**		**W2**	
in	mm	in	mm	in	mm
½	13	10	254	8	204
W3		**W4**		**L1**	
in	mm	lb.	Kg	in	mm
3	77	2100	953	15 ⅜	391
L2		**PNEUMATIC PIPE/ CONNECTION**		**SET PRESSURE**	
in	mm				
8	204	3/8”			

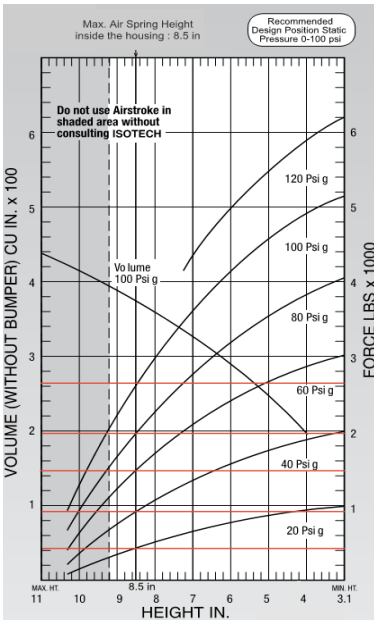


Important note for attachment to housing structure:

- 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

ISOLATOR’S LOCATIONS	
1:	4:
2:	5:
3:	6:

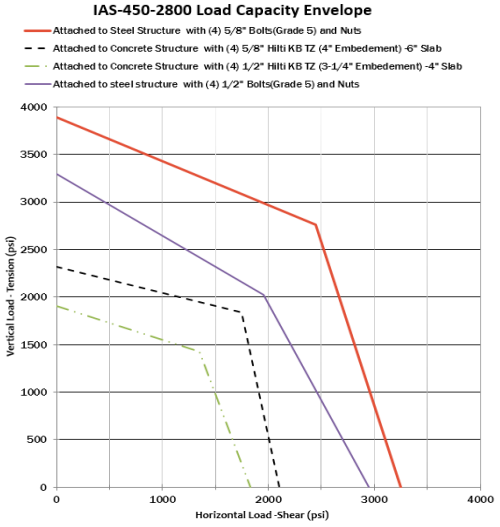




DYNAMIC CHARACTERISTICS OF AIR SPRING (AIR BAG) AT 8.5 in. DESIGN HEIGHT

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

IAS-450-2800 Load Capacity Envelope



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, mustbe installed on top of Isolator, when less than 80% of isolator’s top plate is covered

PROJECT INFORMATION		EQUIPMENT INFORMATION	
Customer:		Type:	
Project:		Qty Required:	
Drawing No:		Operating Weight:	
Notes:			

Canada location

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VISCMA MEMBER