



MASON INDUSTRIES, Inc.

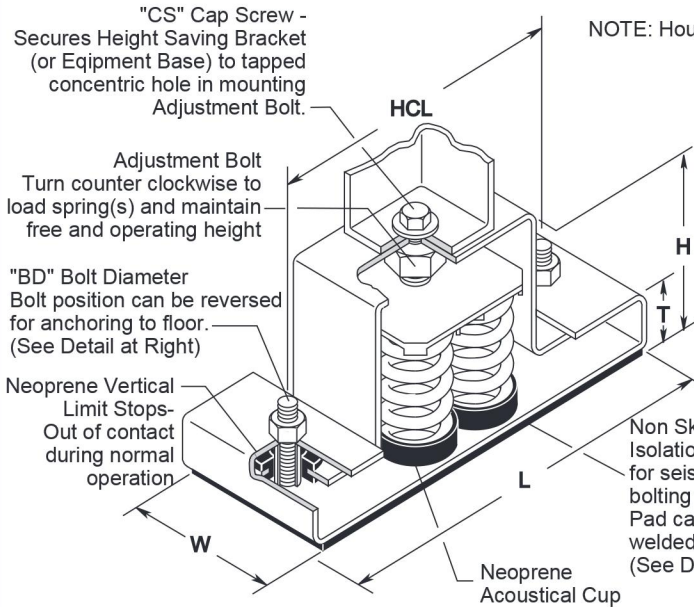
Manufacturers of Vibration Control Products

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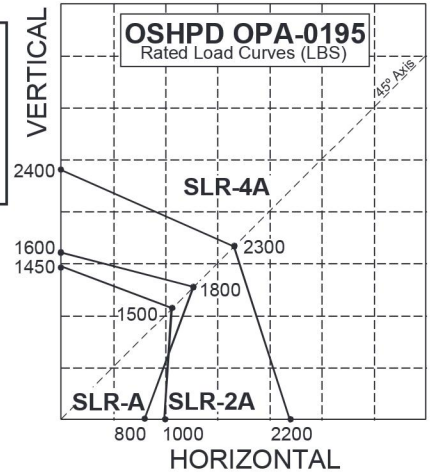
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

SLR

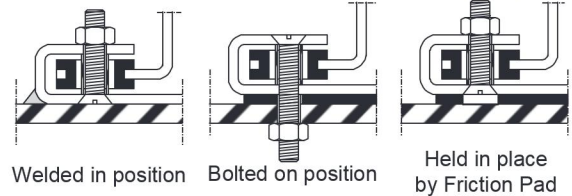
1" Deflection
A Series Spring
Mountings



NOTE: Housings are galvanized.



OPTIONAL MOUNT INSTALLATIONS



TYPE SLR DIMENSIONS (inches)

Size	L	W	H	T	HCL	BD	CS
SLR-A	8 3/4	2 1/2	5 1/8	1 3/4	6	3/8	3/8 x 1
SLR-2A	11 5/8	2 1/2	5 1/8	1 3/4	8 3/4	3/8	3/8 x 1
SLR-4A	11 1/8	4 1/2	5 1/8	1 3/4	8	1/2	1/2 x 1 1/4

SPRING DATA

Spring OD	Free Height	Ratio K _x /K _y	Ratio OD/OH
1 3/4	3 - 3 3/8	0.50 - 0.90	0.74 - 1.25

Illustration shows a SLR-4A (4 springs). SLR-A has 1 spring and SLR-2A has 2 springs. All springs have additional travel to solid equal to 50% of the rated deflection.

Solid Spring Height = Free Height minus 1.5 times Rated Deflection.

Housing load ratings in G's are based on tests with bolted connections to steel top and bottom. SLR housings require uniform support under entire base plate.

Horizontal and Vertical plotted Ratings are California OSHPD approved values having the OSHPD Anchorage Preapproval Number OPA-0195. Testing and calculations were performed to meet OSHPD criteria.

To use approved OSHPD rated load curves:

1. Calculate Vertical and Horizontal Forces on mounting including translations and overturning moments.
2. Plot Horizontal Load vs Vertical Load.

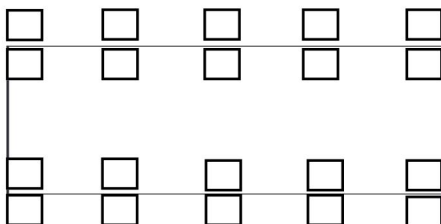
The point must fall within the area below the OSHPD curve.

TYPE SLR RATINGS

Size	Rated Capacity (lbs)	Rated Defl. (in)	Spring Constant (lbs/in)	Spring Color	Max. Horiz. Static G Rating
SLR-A-45	45	1.60	28	Blue	17.80
SLR-A-75	75	1.50	50	Orange	10.70
SLR-A-125	125	1.33	94	Brown	6.40
SLR-A-200	200	1.15	174	Black	4.00
SLR-A-310	310	1.00	310	Yellow	2.60
SLR-A-400	400	1.00	400	Green	2.00
SLR-A-510	510	1.00	510	Red	1.60
SLR-A-625	625	1.00	625	White	1.30
SLR-2A-620	620	1.00	620	Yellow	1.60
SLR-2A-800	800	1.00	800	Green	1.30
SLR-2A-1020	1020	1.00	1020	Red	1.00
SLR-2A-1250	1250	1.00	1250	White	0.80
SLR-4A-1240	1240	1.00	1240	Yellow	1.60
SLR-4A-1600	1600	1.00	1600	Green	1.30
SLR-4A-2040	2040	1.00	2040	Red	1.00
SLR-4A-2500	2500	1.00	2500	White	0.80

PLAN VIEW OF MOUNT LOCATIONS

TAG : _____
UNIT : _____



inch SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	