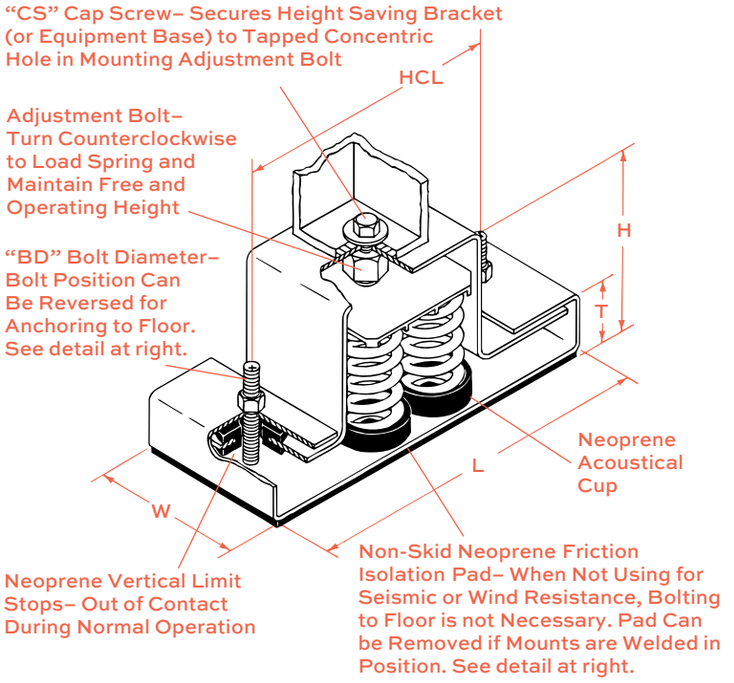
RESTRAINED SINGLE & MULTIPLE SPRING MOUNTS

SLR

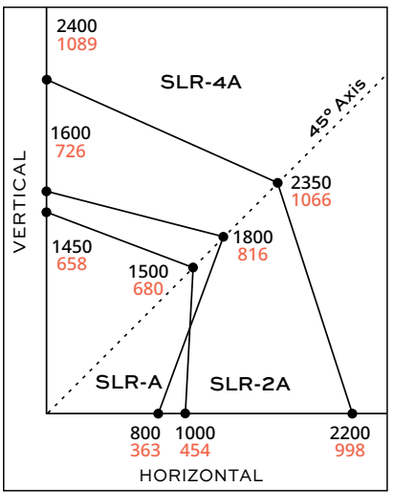
SLR 1" (25mm) Deflection A Spring Series

SINGLE & MULTIPLE SPRING FORMED RESTRAINED MOUNTS



OSHPD OPA-0195

RATED LOAD CURVES (LB KG)†



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 mountings including translations and overturning moments.

2. Plot Horizontal Load vs Vertical Load. The point must fall within the area below the OSHPD curve.

†For kN divide kg by 102

NOTE: Maximum G rating applies to mounting only without base plate.

Illustration to the left shows a 4 spring SLR-4A. SLR-A has 1 spring and SLR-2A has 2 springs. Mounts are galvanized.

TYPE SLR DIMENSIONS

Type & Size	H (in)	H (mm)	L (in)	L (mm)	T (in)	T (mm)	W (in)	W (mm)	BD (in)	BD (mm)	CS (in)	CS (mm)	HCL (in)	HCL (mm)
SLR-A	5 1/8	130	8 3/4	222	1 5/8	41	2 1/2	64	3/8	10	3/8 - 16UNC x 1	x 25	6	152
SLR-2A	5 1/8	130	11 5/8	295	1 3/4	41	2 1/2	64	3/8	10	3/8 - 16UNC x 1	x 25	8 3/4	222
SLR-4A	5 1/8	130	11 1/8	283	1 3/4	41	4 1/2	114	1/2	13	1/2 - 13UNC x 1 1/4	x 32	8	203

TYPE SLR RATINGS

Type & Size	Rated Capacity (lb)	Rated Capacity (kg)	Rated Defl. (in)	Rated Defl. (mm)	Spring Constant (lb/in)	Spring Constant (kg/mm)	Max. Horiz. Static G Rating‡	Spring Color
SLR-A-45	45	20	1.60	41	28	0.49	17.8	Blue
SLR-A-75	75	34	1.50	38	50	0.89	10.7	Orange
SLR-A-125	125	57	1.33	34	94	1.68	6.4	Brown
SLR-A-200	200	91	1.15	29	174	3.14	4.0	Black
SLR-A-310	310	141	1.00	25	310	5.64	2.6	Yellow
SLR-A-400	400	181	1.00	25	400	7.24	2.0	Green
SLR-A-510	510	231	1.00	25	510	9.24	1.6	Red
SLR-A-625	625	283	1.00	25	625	11.32	1.3	White
SLR-2A-620	620	281	1.00	25	620	11.24	1.6	Yellow
SLR-2A-800	800	363	1.00	25	800	14.52	1.3	Green
SLR-2A-1020	1020	463	1.00	25	1020	18.52	1.0	Red
SLR-2A-1250	1250	567	1.00	25	1250	22.68	0.8	White
SLR-4A-1240	1240	563	1.00	25	1240	22.52	1.8	Yellow
SLR-4A-1600	1600	726	1.00	25	1600	29.04	1.4	Green
SLR-4A-2040	2040	925	1.00	25	2040	37.00	1.1	Red
SLR-4A-2500	2500	1134	1.00	25	2500	45.36	0.9	White

‡Horizontal G Ratings are for quick reference only– Use OSHPD Rated Load Curves.

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

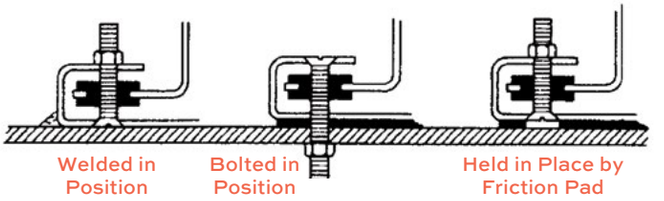
SPRING CHARACTERISTICS

Spring Size	Spring OD (in)	Spring OD (mm)	Free Height (in)	Free Height (mm)	Ratio (Kx/Ky)	Ratio (OD/OH)
A	1 3/4	44	3 - 3 3/8	76 - 86	0.50 - 0.90	0.74 - 1.25

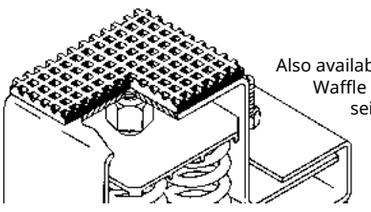
All springs have additional travel to solid equal to 50% of the rated deflection.

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

OPTIONAL MOUNT INSTALLATIONS



SLR mounts include seismic and wind restraints with code compliant all-directional neoprene bushings and 1/4" maximum air gap.



Also available as **SLRW** with 1/4" (6mm) Waffle Pad on top. Do not use for seismic or wind load applications.

SLREBP 1" (25mm) Deflection A Spring Series

SINGLE & MULTIPLE SPRING FORMED RESTRAINED MOUNTS WITH EXTENDED BASE PLATE

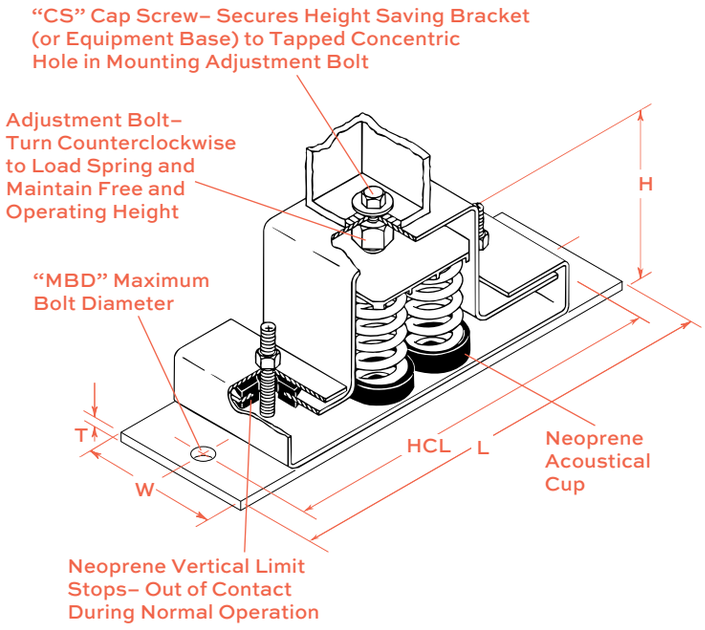
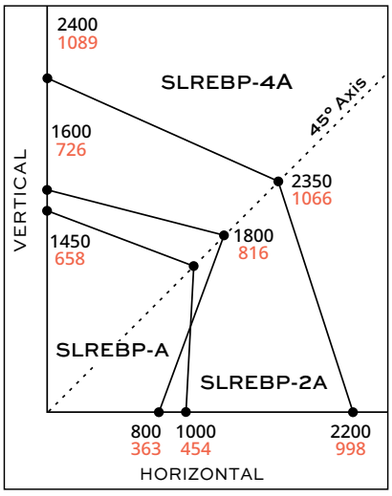


Illustration shows a 4 spring SLREBP-4A. SLREBP-A has 1 spring and SLREBP-2A has 2 springs.

Mounts are galvanized.

OSHPD OPA-0195

RATED LOAD CURVES (LB KG)†



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To use approved OSHPD rated load curves:

1. Calculate Vertical and Horizontal Forces on mountings including translations and overturning moments.

2. Plot Horizontal Load vs Vertical Load. The point must fall within the area below the OSHPD curve.

†For kN divide kg by 102

NOTE: Maximum G rating applies to mounting only without extended base plate. Typical base plate shown. Extended base plates are submitted for approval on a job by job basis.

SLR mounts include seismic and wind restraints with code compliant all-directional neoprene bushings and 1/4" maximum air gap.

TYPE SLREBP DIMENSIONS

Type & Size	H (in)	H (mm)	L (in)	L (mm)	T (in)	T (mm)	W (in)	W (mm)	MBD (in)	MBD (mm)	CS (in)	CS (mm)	HCL (in)	HCL (mm)
SLREBP-A	5 1/4	133	12 1/4	311	1/4	6	2 1/2	64	1/2	13	3/8 - 16UNC x 1	x 25	10 3/4	273
SLREBP-2A	5 1/4	133	15 5/8	397	1/4	6	3	76	5/8	16	3/8 - 16UNC x 1	x 25	13 7/8	352
SLREBP-4A	5 1/4	133	15 5/8	397	1/4	6	4 1/2	114	3/4	19	1/2 - 13UNC x 1 1/4	x 32	13 5/8	346

TYPE SLREBP RATINGS

Type & Size	Rated Capacity (lb)	Rated Capacity (kg)	Rated Defl. (in)	Rated Defl. (mm)	Spring Constant (lb/in)	Spring Constant (kg/mm)	Max. Horiz. Static G Rating‡	Spring Color
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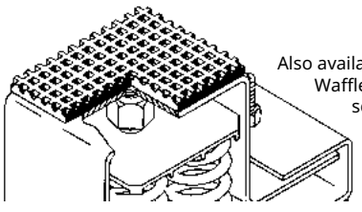

Also available as **SLRWEBP** with 1/4" (6mm) Waffle Pad on top. Do not use for seismic or wind load applications.