

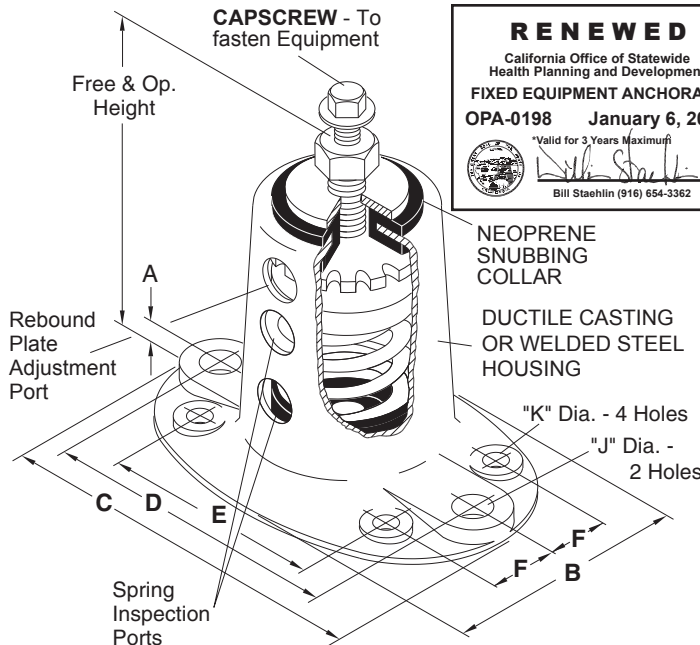
MASON INDUSTRIES, Inc.

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CERTIFIED FOR

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

TYPE
SSLFH
 1" Deflection
 A, B, & C Series
 Seismic
 Spring Mountings



RENEWED
 California Office of Statewide
 Health Planning and Development
FIXED EQUIPMENT ANCHORAGE
OPA-0198 January 6, 2003
 Valid for 3 Years Maximum
 Bill Staehlin (916) 654-3362

TYPE SSLFH RATINGS

Size	Rated Capacity [lbs]	Rated Defl. [in]	Spring Constant [lbs/in]	Spring Color/Stripe	Max. Horiz. G Rating
SSLFH-A-45	45	1.60	28	Blue	37.8
SSLFH-A-75	75	1.50	50	Orange	22.7
SSLFH-A-125	125	1.33	94	Brown	13.6
SSLFH-A-200	200	1.15	174	Black	8.5
SSLFH-A-310	310	1.00	310	Yellow	5.5
SSLFH-A-400	400	1.00	400	Green	4.3
SSLFH-A-510	510	1.00	510	Red	3.3
SSLFH-A-625	625	1.00	625	White	2.7
SSLFH-B-65	65	2.10	31	Brown	47.7
SSLFH-B-85	85	2.10	40	White/Blk	36.5
SSLFH-B-115	115	2.00	57	Silver	27.0
SSLFH-B-150	150	2.00	75	Orange	20.7
SSLFH-B-280	280	1.60	174	Green	11.1
SSLFH-B-450	450	1.31	344	Red	6.9
SSLFH-B-750	750	1.12	670	White	4.1
SSLFH-B-1000	1000	1.00	1000	Blue	3.1
SSLFH-B-1250	1250	1.00	1250	Gray	2.5
SSLFH-B-1650	1650	1.00	1650	Black	1.9
SSLFH-C-1000	1000	1.00	1000	Black	3.8
SSLFH-C-1350	1350	1.00	1350	Yellow	2.8
SSLFH-C-1750	1750	1.00	1750	Black*	2.2
SSLFH-C-2100	2100	1.00	2100	Yellow*	1.8
SSLFH-C-2385	2385	1.00	2385	Yellow**	1.6
SSLFH-C-2650	2650	1.00	2650	Red*	1.4
SSLFH-C-2935	2935	1.00	2935	Red**	1.3

TYPE SSLFH DIMENSIONS (inches)

Size	A	B	C	D	E	F	J**	K*	L	M	Free & Op. Ht.
A	1/4	4	6 1/4	4 3/4	4	1 1/8	3/4	1/2	3/8	3/4	6
B	1/2	6	9 1/4	7 1/2	5 1/2	1 5/8	3/4	5/8	1/2	7/8	7 1/2
C	1/2	7	11	9	6	2	7/8	3/4	5/8	1	8

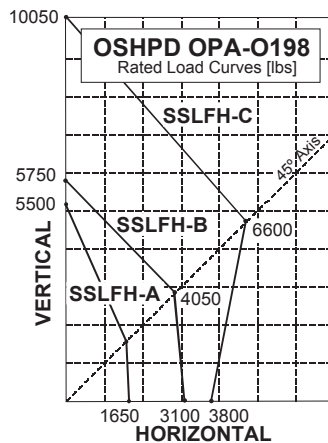
J Holes for Concrete Connection **K** Holes for Steel Connection

Horizontal and Vertical plotted Ratings are California OSHPD approved values having the OSHPD Anchorage Preapproval Number OPA-0198.

Testing and calculations were performed to meet OSHPD criteria. To use approved OSHPD rated load curves:

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

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

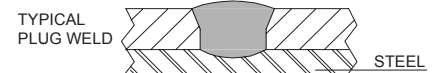


*with RED inner spring

**with GREEN inner spring

SPRING DATA

Size	Spring OD	Free Height	Ratio K_x/K_y	Ratio OD/OH
A-45-400	1 3/4	3	0.70-0.90	0.88-1.25
A-510-625	1 3/4	3 1/8 - 3 3/8	0.50-0.60	0.74-0.82
B	2 3/8	4	0.65-0.90	0.76-1.25
C	2 7/8	4 1/8	0.90-1.00	0.92



PLUG WELDED RATINGS

Size	Horizontal [lbs]	Vertical [lbs]
SSLFH-A	1650	5500
SSLFH-B	3100	4345
SSLFH-C	3800	5630

Plug Welded Testing and Calculations were performed to meet OSHPD Criteria

CERTIFICATION DATA

TAG : _____

UNIT : _____

PLAN VIEW OF MOUNT LOCATION



inch SPECIFIED DEFLECTION

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

Material for One Set : _____ Sets Required

DWN : _____ CHKD : _____ DATE : _____

DWG NO. : _____