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**2" (50 mm) Deflection SFS  
Seismic Floor Mounted Isolator**

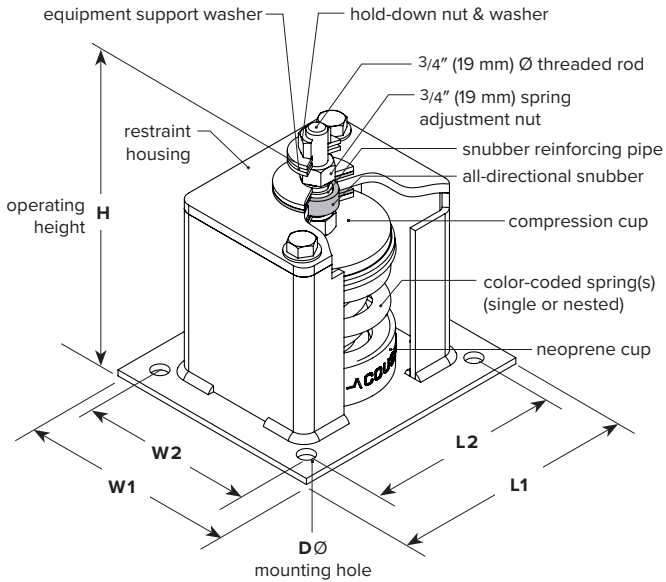
**SFS-2A**

File No.: DS-SFS2A-004  
Supersedes: DS-SFS2-003

Date: 30 Apr 2020  
Date: 5 Mar 2014

**SFS-2A**

shown with cut-away

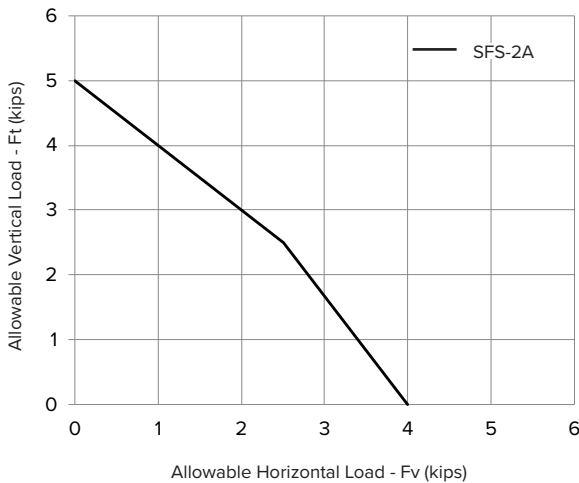


**PERFORMANCE**

Model	Spring Color	Rated Load		Deflection at rated load		Isolator Weight †	
		lb	kN	in	mm	lb	kg
SFS-2A-50	Grey	50	0.22	2.0	51	32.2	14.6
SFS-2A-100	Blue	100	0.44	2.0	51	32.2	14.6
SFS-2A-150	Grey-White	150	0.67	2.0	51	32.9	15.0
SFS-2A-200	Blue-White	200	0.89	2.0	51	32.9	15.0
SFS-2A-300	Blue-Orange	300	1.33	2.0	51	33.5	15.2
SFS-2A-400	Red	400	1.78	2.0	51	33.4	15.2
SFS-2A-500	Red-White	500	2.22	2.0	51	34.1	15.5
SFS-2A-600	Red-Orange	600	2.67	2.0	51	34.7	15.8
SFS-2A-700	Red-Green	700	3.11	2.0	51	34.7	15.8
SFS-2A-800	Green	800	3.56	2.0	51	33.9	15.4
SFS-2A-900	Green-White	900	4.00	2.0	51	34.6	15.7
SFS-2A-1000	Green-Orange	1000	4.45	2.0	51	35.2	16.0
SFS-2A-1100	Green-Green	1100	4.89	2.0	51	35.2	16.0
SFS-2A-1200	Green-Grey	1200	5.34	2.0	51	35.4	16.1
SFS-2A-1400	Green-Blue	1400	6.23	2.0	51	36.0	16.4
SFS-2A-1600	Green-Black	1600	7.12	2.0	51	35.7	16.2
SFS-2A-1800	Green-Ivory	1800	8.01	2.0	51	36.1	16.4
SFS-2A-2000	Black	2000	8.90	2.0	51	33.9	15.4
SFS-2A-2200	Black-Orange	2200	9.97	2.0	51	35.2	16.0
SFS-2A-2400	Black-Grey	2400	10.68	2.0	51	35.4	16.1
SFS-2A-2600	Black-Blue	2600	11.57	2.0	51	36.0	16.4
SFS-2A-2800	Black-Black	2800	12.46	2.0	51	35.7	16.2
SFS-2A-3000	Black-Ivory	3000	13.34	2.0	51	36.4	16.5

† weights are approximate

**RESTRAINT HOUSING LOAD CAPACITY**



This load capacity envelope shows the maximum force that can be applied to the isolator housing with appropriate attachment to structure.

**DIMENSIONS**

Model	W2	W1	L2	L1
SFS-2A	in mm	in mm	in mm	in mm
50-3000	7 178	9 229	8 203	10 254
	H	Adjustment Nut	Threaded Rod Ø	D Ø
	in mm	in mm	in mm	in mm
	8 3/4 222	3/4 19	3/4 19	11/16 17

**NOTES**

- Seismically restrained, laterally stable, spring type isolator with welded steel construction housings and support for bolting to equipment.
- Springs supported with neoprene cup for noise isolation.
- Mount includes integral all-directional snubber with elastomeric components preventing metal-to-metal contact and with 1/8" (3 mm) clearance under normal operation.
- Minimum 50% additional travel to solid
- Minimum  $k_x/k_y$  ratio of 0.8
- Housing powder-coated; hardware zinc-plated; springs powder-coated

<b>Project:</b>			plan view of mount locations 		1:	6:
<b>Customer:</b>					2:	7:
<b>Consultant:</b>					3:	8:
<b>Dwg No.:</b>	<b>Rev.:</b>	<b>Drawn by:</b>			4:	9:
<b>V-A Project Manager:</b>			5:	10:	<b>QTY of sets required:</b>	
<b>TAG:</b>			<b>EQUIPMENT:</b>			
<b>COMMENTS:</b>					<b>DATE:</b>	