

**3" (76 mm) Deflection FST  
Free Spring Floor Mounted  
Isolators with Top**

**FST-3A**

File No.: DS-FST3-010

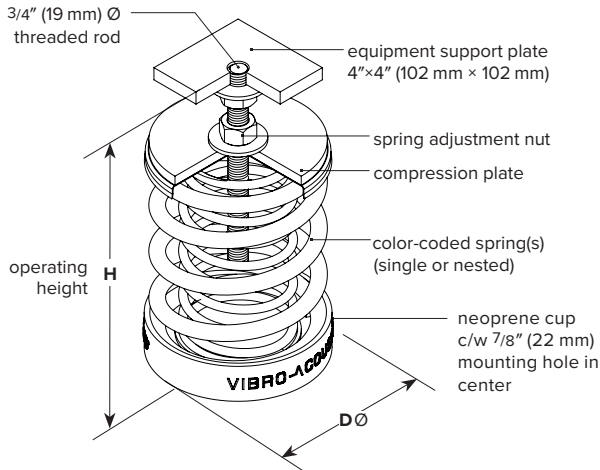
Date: 18 Jun 2019

Supersedes: DS-FST3-009

Date: 18 Nov 2016

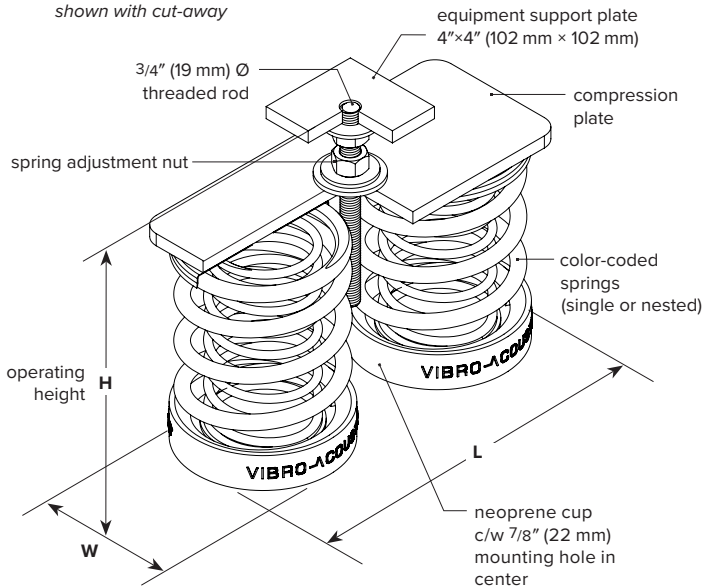
**FST-3A (100–4100)**

shown with cut-away



**FST-3A (4400–8200)**

shown with cut-away



**PERFORMANCE**

Model	Spring Color outer-inner	Rated Load lb kN	Deflection at rated load in mm	Isolator Weight †	
				lb	kg
FST-3A-100	Black	100 0.44	3.2 81	16.0	7.3
FST-3A-200	Black-White	200 0.89	3.1 79	18.3	8.3
FST-3A-300	Grey	300 1.33	3.1 79	17.0	7.7
FST-3A-400	Grey-White	400 1.78	3.1 79	19.3	8.8
FST-3A-500	Grey-Yellow	500 2.22	3.0 76	19.4	8.8
FST-3A-600	Orange	600 2.67	3.3 84	16.4	7.4
FST-3A-700	Orange-White	700 3.11	3.3 84	18.7	8.5
FST-3A-800	Green	800 3.56	3.0 76	16.7	7.6
FST-3A-900	Green-White	900 4.00	3.0 76	19.4	8.8
FST-3A-1000	Green-Yellow	1000 4.45	3.0 76	19.5	8.8
FST-3A-1200	Green-Red	1200 5.34	3.0 76	19.9	9.0
FST-3A-1500	White	1500 6.67	3.0 76	17.1	7.8
FST-3A-1900	White-Red	1900 8.44	3.0 76	20.0	9.1
FST-3A-2200	White-Blue	2200 9.97	3.0 76	21.3	9.7
FST-3A-2500	White-Black	2500 11.12	3.0 76	20.0	9.1
FST-3A-3000	Red	3000 13.35	3.0 76	20.3	9.2
FST-3A-3300	Red-Red	3300 14.68	3.0 76	21.9	9.9
FST-3A-3600	Red-Blue	3600 16.01	3.0 76	22.3	10.1
FST-3A-4100	Red-Black	4100 18.24	3.0 76	23.0	10.4
FST-3A-4400	(2)White-Blue	4400 19.57	3.0 76	44.4	20.1
FST-3A-5000	(2)White-Black	5000 22.24	3.0 76	43.8	19.9
FST-3A-5600	(2)Red	5600 24.91	3.0 76	42.1	19.1
FST-3A-6600	(2)Red-Red	6600 29.36	3.0 76	45.3	20.5
FST-3A-7200	(2)Red-Blue	7200 32.03	3.0 76	47.0	21.3
FST-3A-8200	(2)Red-Black	8200 36.48	3.0 76	48.0	21.8

† weights are approximate

**DIMENSIONS: FST-3A**

Model	DØ	L	W	H
FST-3A	in mm	in mm	in mm	in mm
100–4100	6 151	— —	— —	11½ 292
4400–8200	— —	14 356	6 151	11½ 292

**NOTES**

- Free standing, laterally stable, unhooused spring type isolator with levelling nuts to position and secure the equipment
- Minimum 50% additional travel to solid
- Minimum  $k_x/k_y$  ratio of 0.8
- All elements safe at solid loading
- All hardware zinc-plated, Grade 2 minimum
- All springs powder coated
- Operating height shown is maximum recommended height.
- When loading isolators and during isolator spring adjustment, ensure that the spring(s) is loaded centered as installed and the spring compression cup or plate is perpendicular to the spring in order to prevent the isolator from bending over.

<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>	