VIBRO-ACOUSTICS®
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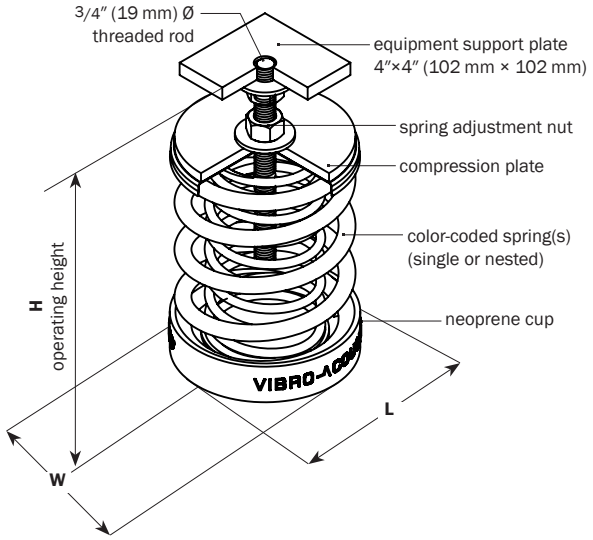
4" (102 mm) Deflection FST Free Spring Floor Mounted Isolators with Top

FST-4A

File No.: DS-FST4-001 Date: 11 Oct 2016
Supersedes: New Date: New

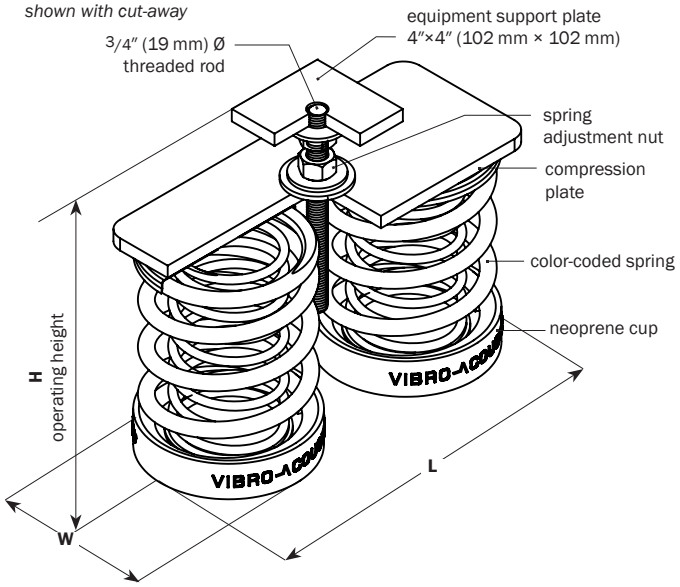
FST-4A (200–4400)

shown with cut-away



FST-4A (4800–8800)

shown with cut-away



PERFORMANCE

Model	Spring Color	Rated Load		Deflection at rated load		Isolator Weight †	
	outer-inner	**lb**	kN	**in**	mm	**lb**	kg
FST-4A-200	Blue	**200**	0.89	**4.0**	102	**20.1**	9.1
FST-4A-400	Blue-Blue	**400**	1.78	**4.0**	102	**21.2**	9.6
FST-4A-600	Red	**600**	2.67	**4.0**	102	**18.0**	8.2
FST-4A-800	Red-Blue	**800**	3.56	**4.0**	102	**18.4**	8.3
FST-4A-1000	Red-Red	**1000**	4.45	**4.0**	102	**21.5**	9.7
FST-4A-1200	Green	**1200**	5.34	**4.0**	102	**21.9**	9.9
FST-4A-1400	Green-Blue	**1400**	6.23	**4.0**	102	**18.8**	8.5
FST-4A-1600	Green-Red	**1600**	7.12	**4.0**	102	**18.8**	8.5
FST-4A-1800	Green-White	**1800**	8.01	**4.0**	102	**22.0**	10.0
FST-4A-2000	Black	**2000**	8.90	**4.0**	102	**22.0**	10.0
FST-4A-2200	Black-Blue	**2200**	9.79	**4.0**	102	**23.4**	10.6
FST-4A-2400	Black-Red	**2400**	10.68	**4.0**	102	**22.0**	10.0
FST-4A-2600	Black-White	**2600**	11.57	**4.0**	102	**22.0**	10.0
FST-4A-3000	Black-Black	**3000**	13.34	**4.0**	102	**22.3**	10.1
FST-4A-3400	White	**3400**	15.12	**4.0**	102	**24.1**	10.9
FST-4A-3800	White-Red	**3800**	16.90	**4.0**	102	**24.5**	11.1
FST-4A-4400	White-Black	**4400**	19.57	**4.0**	102	**48.8**	22.2
FST-4A-4800	(2)Black-Red	**4800**	21.35	**4.0**	102	**48.2**	21.9
FST-4A-5200	(2)Black-White	**5200**	23.13	**4.0**	102	**46.3**	21.0
FST-4A-6000	(2)Black-Black	**6000**	26.69	**4.0**	102	**49.8**	22.6
FST-4A-6800	(2)White	**6800**	30.25	**4.0**	102	**51.7**	23.5
FST-4A-7600	(2)White-Red	**7600**	33.81	**4.0**	102	**52.8**	23.9
FST-4A-8800	(2)White-Black	**8800**	39.14	**4.0**	102	**57.2**	25.9

† weights are approximate

DIMENSIONS: FST-4A

Model	L		W		H	
FST-4A	**in**	mm	**in**	mm	**in**	mm
200–4400	**6**	152	**6**	152	**13**	330
4800–8800	**14**	356	**6**	152	**13**	330

NOTES

- Free standing, laterally stable, unhoused 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 is perpendicular to the spring in order to prevent the isolator from bending over.

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