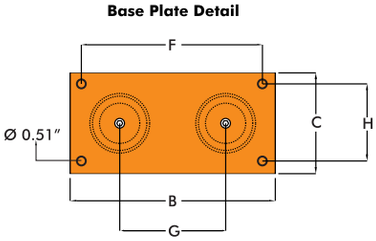
Easyflex™ Closed Spring Isolator

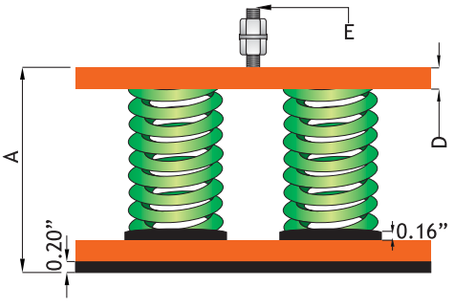
Introduction

This unique range of Closed Spring Isolators uses an integral rubber end fixing of the spring which sets them apart from all other designs. Loose springs and plates are now history and high frequency and noise attenuation is provided with stable mounting.

Originally designed for use for Isolation of heavy equipment the Closed Spring Isolators are now widely used to isolate vibration from every conceivable type of rotating and reciprocating machine. Some examples being big Cooling Towers, Heavy Centrifugal Fans, Heavy Condensing Units, Pumps, Generating Sets, Chillers etc.

These Closed Spring Isolators are cost effective and are a much cheaper option compared to our Spring and Viscous Dampers.





Features

- Unique expanding rubber and fixing of spring which also provides high frequency attenuation.
- 1" deflection colour coded springs with 50% overload capacity.
- Can be bolted to supporting structure or free standing on 6mm thick ribbed rubber pad.
- Fully height adjustable.
- Powder Coated Springs & Body.
- No snubbing gives maximum efficiency.

Applications

- Heavy Fans
- Heavy Blowers
- Generating Sets
- Heavy Presses
- Centrifuges
- Cooling Towers
- Drop Hammers
- Large Machinery
- Building Foundations

Design Data & Dimensions

PART NO.	COLOUR CODE	RATED LOAD (lbs)	DEFLECTION AT RATED	DIMENSIONS (inches)							
				A	B	C	D	E	F	G	H
EFCSI2 25/400	Red	880	1"	5.71	9.84	5.91	0.39	M16	8.27	5.39	4.33
EFCSI2 25/600	Purple	1320	1"	5.71	9.84	5.91	0.39	M16	8.27	5.39	4.33
EFCSI2 25/800	Grey	1760	1"	5.71	9.84	5.91	0.39	M16	8.27	5.39	4.33
EFCSI2 25/1000	Orange	2200	1"	5.71	9.84	5.91	0.39	M16	8.27	5.39	4.33
EFCSI2 25/1200	Brown	2640	1"	5.71	9.84	5.91	0.39	M16	8.27	5.39	4.33
EFCSI2 25/1400	Orange	3080	1"	6.10	9.84	5.91	0.59	M16	8.27	5.39	4.33
EFCSI2 25/1600	Black	3520	1"	6.10	9.84	5.91	0.59	M16	8.27	5.39	4.33
EFCSI2 25/1700	Green	3740	1"	6.89	9.84	5.91	0.59	M16	8.27	5.39	4.33
EFCSI2 25/2100	Blue	4620	1"	7.09	9.84	5.91	0.59	M16	8.27	5.39	4.33
EFCSI2 25/2400	White	5500	1"	7.09	9.84	5.91	0.59	M16	8.27	5.39	4.33

• Spring Stiffness is linear over its working range.

Compliance - Springs designed according to BS 1726 (Part 1) and recommendations made by SAE (US) and ASHRAE

- Due to policy of continual improvement, the specifications are subject to change without prior notice.
- Measurements are subject to 5% tolerance.
- To achieve good sound suppression do not over load fitting.

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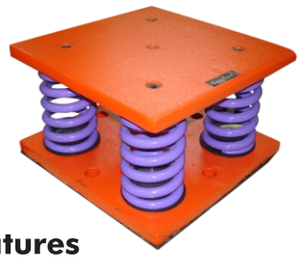

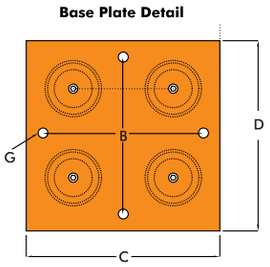

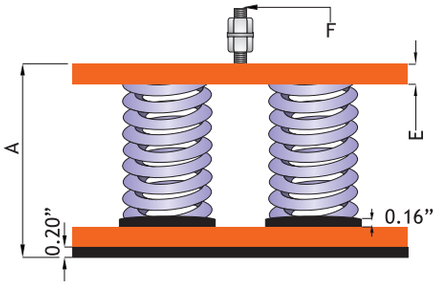

Features

- Unique expanding rubber and fixing of spring which also provides high frequency attenuation.
- 1"/2" deflection colour coded springs with 50% overload capacity.
- Can be bolted to supporting structure or free standing on 6mm thick ribbed rubber pad.
- Fully height adjustable.
- Powder Coated Springs & Body.
- No snubbing gives maximum efficiency.

Applications

- Heavy Fans
- Heavy Blowers
- Generating Sets
- Heavy Presses
- Centrifuges
- Cooling Towers
- Drop Hammers
- Large Machinery
- Building Foundations

Design Data & Dimensions

PART NO.	COLOUR CODE	RATED LOAD (KG)	DEFLECTION AT RATED	DIMENSIONS (inches)						
				A	B	C	D	E	F	G
EFCSI4 25/240	Yellow	528	1"	3.66	3.23	4.33	4.33	0.24	M10	0.31
EFCSI4 25/400	Green	880	1"	3.66	3.23	4.33	4.33	0.24	M10	0.31
EFCSI4 25/640	Orange	1408	1"	3.66	3.23	4.33	4.33	0.24	M10	0.31
EFCSI4 25/800	Red	1760	1"	3.66	3.23	4.33	4.33	0.24	M10	0.31
EFCSI4 25/1000	Purple	2200	1"	3.66	3.23	4.33	4.33	0.24	M10	0.31
EFCSI4 25/800	Red	1760	1"	5.71	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 25/1200	Purple	2640	1"	5.71	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 25/1600	Grey	3520	1"	5.71	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 25/2000	Orange	4400	1"	6.10	7.87	9.84	9.84	0.59	M20	0.79
EFCSI4 25/2400	Brown	5280	1"	6.10	7.87	9.84	9.84	0.59	M20	0.79
EFCSI4 25/3200	Black	7040	1"	6.10	7.87	9.84	9.84	0.59	M20	0.79
EFCSI4 25/4200	Blue	9240	1"	7.28	7.87	9.84	9.84	0.79	M25	0.98
EFCSI4 25/5000	White	11000	1"	7.28	7.87	9.84	9.84	0.79	M25	0.98
EFCSI4 50/400	Yellow	880	2"	6.89	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 50/800	Green	1760	2"	6.89	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 50/1200	Blue	2640	2"	6.89	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 50/1600	White	3520	2"	6.89	7.87	9.84	9.84	0.39	M18	0.71
EFCSI4 50/2000	Black	4400	2"	7.28	7.87	9.84	9.84	0.59	M20	0.79

• Spring Stiffness is linear over its working range.
* Isolators with higher loading available. Please contact our engineering department for further information.

Compliance - Springs designed according to BS 1726 (Part 1) and recommendations made by SAE (US) and ASHRAE

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