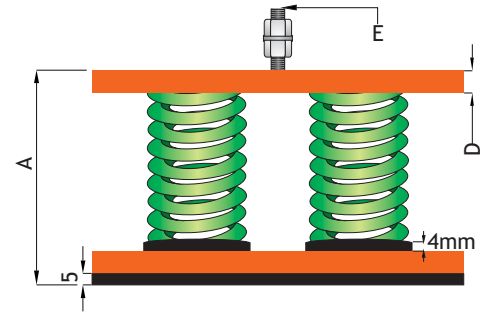
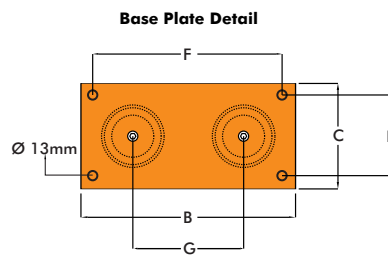


Introduction

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.
- 25mm 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 (mm)							
				A	B	C	D	E	F	G	H
EFCSI2 25/400	Red	400	25	145	250	150	10	M16	210	137	110
EFCSI2 25/600	Purple	600	25	145	250	150	10	M16	210	137	110
EFCSI2 25/800	Grey	800	25	145	250	150	10	M16	210	137	110
EFCSI2 25/1000	Orange	1000	25	145	250	150	10	M16	210	137	110
EFCSI2 25/1200	Brown	1200	25	145	250	150	10	M16	210	137	110
EFCSI2 25/1400	Orange	1400	25	155	250	150	15	M16	210	137	110
EFCSI2 25/1600	Black	1600	25	155	250	150	15	M16	210	137	110
EFCSI2 25/1700	Green	1700	25	175	250	150	15	M16	210	137	110
EFCSI2 25/2100	Blue	2100	25	180	250	150	15	M16	210	137	110
EFCSI2 25/2400	White	2500	25	180	250	150	15	M16	210	137	110

• 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

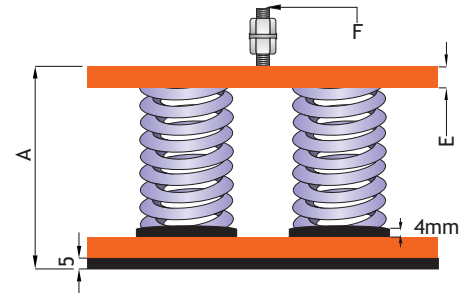
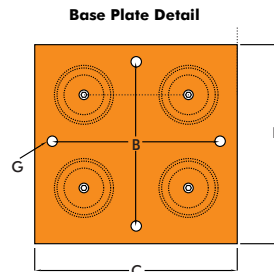
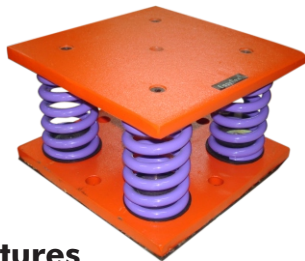
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- Measurements are subject to 5% tolerance.
- To achieve good sound suppression do not over load fitting.

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Design Data & Dimensions

PART NO.	COLOUR CODE	RATED LOAD (KG)	DEFLECTION AT RATED	DIMENSIONS (mm)							
				A	B	C	D	E	F	G	
EFCSI4 25/240	Yellow	240 kg	25 mm	93	82	110	110	6	M10	8	
EFCSI4 25/400	Green	400 kg	25 mm	93	82	110	110	6	M10	8	
EFCSI4 25/640	Orange	640 kg	25 mm	93	82	110	110	6	M10	8	
EFCSI4 25/800	Red	800 kg	25 mm	93	82	110	110	6	M10	8	
EFCSI4 25/1000	Purple	1000 kg	25 mm	93	82	110	110	6	M10	8	
EFCSI4 25/800	Red	800 kg	25 mm	145	200	250	250	10	M18	18	
EFCSI4 25/1200	Purple	1200 kg	25 mm	145	200	250	250	10	M18	18	
EFCSI4 25/1600	Grey	1600 kg	25 mm	145	200	250	250	10	M18	18	
EFCSI4 25/2000	Orange	2000 kg	25 mm	155	200	250	250	15	M20	20	
EFCSI4 25/2400	Brown	2400 kg	25 mm	155	200	250	250	15	M20	20	
EFCSI4 25/3200	Black	3200 kg	25 mm	155	200	250	250	15	M20	20	
EFCSI4 25/4200	Blue	4200 kg	25 mm	185	200	250	250	20	M25	25	
EFCSI4 25/5000	White	5000 kg	25 mm	185	200	250	250	20	M25	25	
EFCSI4 50/400	Yellow	400 kg	50 mm	175	200	250	250	10	M18	18	
EFCSI4 50/800	Green	800 kg	50 mm	175	200	250	250	10	M18	18	
EFCSI4 50/1200	Blue	1200 kg	50 mm	175	200	250	250	10	M18	18	
EFCSI4 50/1600	White	1600 kg	50 mm	175	200	250	250	10	M18	18	
EFCSI4 50/2000	Black	2000 kg	50 mm	185	200	250	250	15	M20	20	

• Spring Stiffness is linear over its working range.

* Isolators with higher loading available. Please contact our engineering department for further information.

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