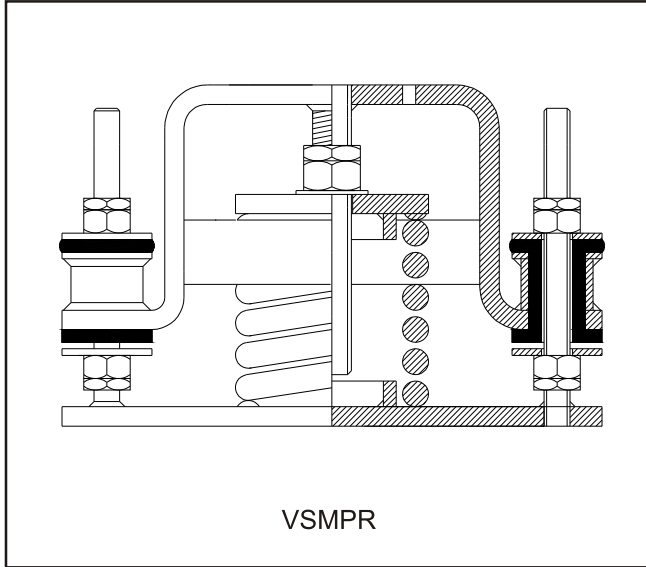


# PRE-LOADED SPRING MOUNTS

## Model VSMPR



### APPLICATIONS

Heavy duty pre-loaded restrained spring mounts are designed to reduce noise and vibration transmission from plant items, whilst providing restraint for both horizontal and vertical forces. They offer a height advantage over conventional restrained spring mounts because they can be supplied pre-loaded (pre-compressed).

These models have a helical steel compression spring which is fitted in a heavy duty steel formed 'top-hat' restraint housing, complete with steel base plate and pre-loading studs. A thick ribbed rubber sheet is supplied to fit below the baseplate, together with rubber isolating bushes for the baseplate holes.

They can also be used for any plant that requires restraint against internal or external forces such as start up inertia or wind loads etc.

For example, they can be used for the following applications:-

- |            |                      |            |
|------------|----------------------|------------|
| Chillers   | Cooling Towers       | Large Fans |
| Pump Skids | Packaged Plant Rooms | Boilers    |
| Generators | Power Supply Units   | CHP Units  |

Load Capacity (kg)	Spring Colour	Fixing Size	Design Deflection (mm)	Working Height* (mm)	Product Code (MODEL-LOAD-COLOUR-DEFL)
400	BLACK or BZP	M24	75	265	VSMPR-D-0400-###-75
500	BLACK or BZP	M24	75	265	VSMPR-D-0500-###-75
600	BLACK or BZP	M24	75	265	VSMPR-D-0600-###-75
700	BLACK or BZP	M24	75	265	VSMPR-D-0700-###-75
800	BLACK or BZP	M24	75	265	VSMPR-D-0800-###-75
900	BLACK or BZP	M24	75	265	VSMPR-D-0900-###-75
1000	BLACK or BZP	M24	75	265	VSMPR-D-1000-###-75
1100	BLACK or BZP	M30	75	265	VSMPR-D-1100-###-75
1200	BLACK or BZP	M30	75	265	VSMPR-D-1200-###-75
1300	BLACK or BZP	M30	75	265	VSMPR-D-1300-###-75
1400	BLACK or BZP	M30	75	265	VSMPR-D-1400-###-75
1500	BLACK or BZP	M30	75	265	VSMPR-D-1500-###-75
Bespoke Load Capacities are available				*At 75mm Pre-Compression	

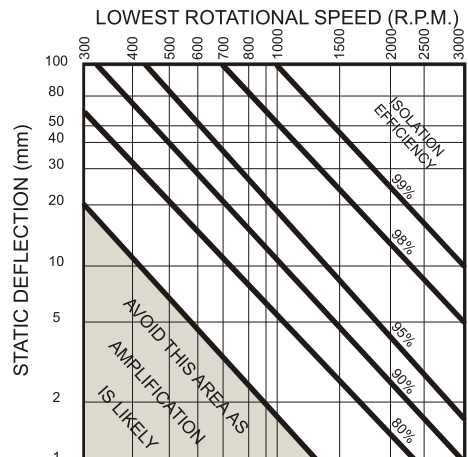
### SPECIFICATION

VSMPR - a black or BZP helical steel spring enclosed in a BZP steel restraint housing. An acoustic ribbed rubber sheet is used beneath the steel base plate.

Standard Deflection (i.e. 25mm), High Deflection (i.e. 50mm) and Very High Deflection (i.e. 75mm) models are available.

Bespoke load capacities are available as the project / plant design dictates; individual springs are designed to BS1726-1 and manufactured to order. Housings can, if required, be designed to incorporate particular plant fixings, such as holes, slots or studs.

### OPERATING PARAMETERS



subject to alteration without notification