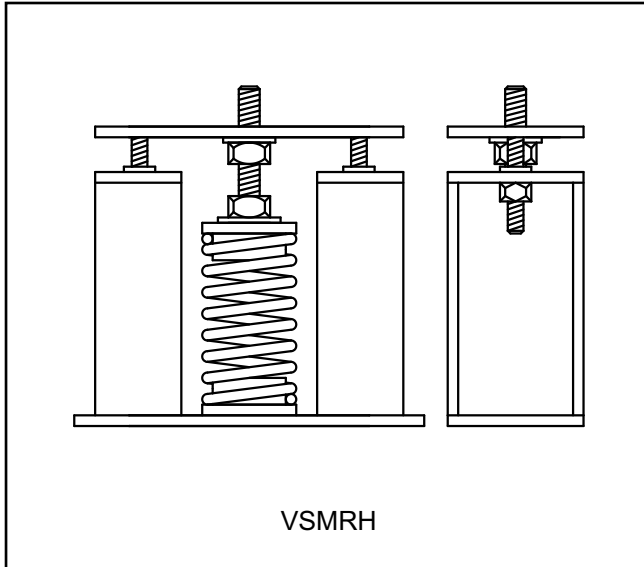


# HEAVY DUTY RESTRAINED SPRING MOUNTS

## Model VSMRH



### APPLICATIONS

Heavy duty restrained spring mounts are designed to reduce noise and vibration transmission from plant items, whilst providing restraint for both horizontal and vertical forces, once the vertical load is applied.

These models have a helical steel spring combined with a rubber isolating element which is used in compression. These are fitted in a heavy duty steel channel restraint housing, complete with steel load plate, that provides a fixed installation / operating height.

They can be used for any plant that requires restraint against external forces such as wind loads etc, or where a common installation / operating height is essential.

Depending on floor type, they can be used accordingly for the following applications:-

Chillers	Cooling Towers	Large Fans
Pump Skids	Packaged Plant Rooms	Pipework
Boilers	Air Handling Units	CHP Units

Load Capacity (kg)	Spring Range and Colour	Fixing Size	Design Deflection (mm)	Working Height * (mm)	Product Code (MODEL-LOAD-COLOUR-DEFL)
50	B - BLACK	M16	50	202	VSMRH-B-0050-BLA-50
75	B - ORANGE	M16	50	202	VSMRH-B-0075-ORA-50
100	B - WHITE	M16	50	202	VSMRH-B-0100-WHI-50
125	B - PINK	M16	50	202	VSMRH-B-0125-PNK-50
150	B - GREEN	M16	50	202	VSMRH-B-0150-GRN-50
200	B - YELLOW	M16	50	202	VSMRH-B-0200-YEL-50
250	B - BROWN	M16	50	202	VSMRH-B-0250-BRO-50
300	B - BLUE	M16	50	202	VSMRH-B-0300-BLU-50
350	B - GREY	M16	50	202	VSMRH-B-0350-GRY-50
400	B - PURPLE	M16	50	202	VSMRH-B-0400-PUR-50
400	C - BLACK	M20	50	262	VSMRH-C-0400-BLA-50
600	C - YELLOW	M20	50	262	VSMRH-C-0600-YEL-50
800	C - GREEN	M20	50	262	VSMRH-C-0800-GRN-50
1000	C - BLUE	M20	50	262	VSMRH-C-1000-BLU-50
1500	D - BLACK or BZP	M24	50	402	VSMRH-D-1500-###-50
2000	D - BLACK or BZP	M24	50	402	VSMRH-D-2000-###-50
3000	D - BLACK or BZP	M24	50	402	VSMRH-D-3000-###-50

### SPECIFICATION

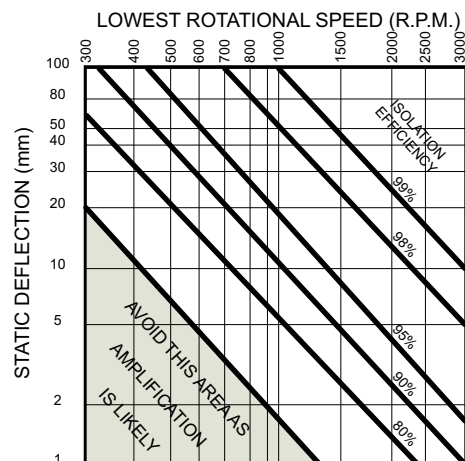
VSMRH - a colour coded helical steel spring with rubber end cap enclosed in a BZP steel channel restraint housing and fitted to a BZP steel base plate and provided with a top loading plate. An acoustic rubber sheet is bonded beneath the steel base plate.

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

\* These models have a common working height for both unloaded and loaded conditions. Multiple spring (dual and quad) models are available, as well as a lower profile model with 50% pre-compression. For full pre-compression, use model VSMPR.

NOTE: a 50mm deflection 'B' spring can be nested inside a 50mm deflection 'C' spring to provide resultant load capacities other than those detailed in the table above; e.g. a 400kg Purple 'B' spring inside a 1000kg Blue 'C' spring will give a 1400kg load capacity.

### OPERATING PARAMETERS



subject to alteration without notification