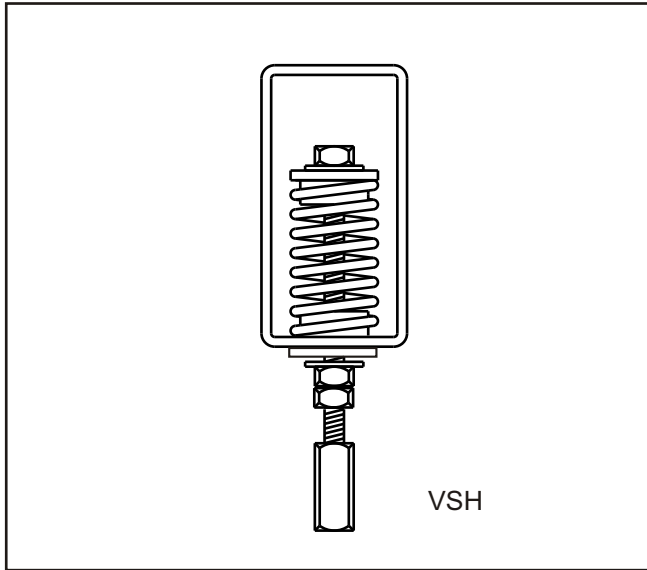


# SPRING HANGERS

## Model VSH



### APPLICATIONS

Spring hangers are designed to reduce noise and vibration transmission between pipes and the building structure.

These models have a helical steel spring combined with rubber isolating elements which are used in compression.

They can be used on any pipe service where vibration / movement is a problem.

They can also be used to provide vibration isolated support for Vertical In Line (VIL) pumps, where the pump is designed to be an integral component of the pipework eliminating the use of flexible connectors and inertia bases.

Spring hangers are also used to support pipework subjected to expansion / contraction and allow for the vertical displacement of the pipe whilst still carrying dead weight - in this instance they are known as variable load supports. They are not to be confused with constant load supports (model CLS), which are also available.

Load Capacity (kg)	Spring Colour	Drop Rod Size	Design Deflection (mm)	Box Height (mm)	Product Code (MODEL-LOAD-COLOUR-DEFL)
5	BROWN	M10	25	100	VSH-A-0005-BRO-25
10	WHITE	M10	25	100	VSH-A-0010-WHI-25
15	BLACK	M10	25	100	VSH-A-0015-BLA-25
20	PURPLE	M10	25	100	VSH-A-0020-PUR-25
25	YELLOW	M10	25	100	VSH-A-0025-YEL-25
30	RED	M12	25 or 50	150 or 200	VSH-B-0030-RED-25(50)
50	BLACK	M12	25 or 50	150 or 200	VSH-B-0050-BLA-25(50)
75	ORANGE	M12	25 or 50	150 or 200	VSH-B-0075-ORA-25(50)
100	WHITE	M12	25 or 50	150 or 200	VSH-B-0100-WHI-25(50)
150	GREEN	M12	25 or 50	150 or 200	VSH-B-0150-GRN-25(50)
200	YELLOW	M12	25 or 50	150 or 200	VSH-B-0200-YEL-25(50)
250	BROWN	M12	25 or 50	150 or 200	VSH-B-0250-BRO-25(50)
300	BLUE	M12	25 or 50	150 or 200	VSH-B-0300-BLU-25(50)
350	GREY	M12	25 or 50	150 or 200	VSH-B-0350-GRY-25(50)
400	PURPLE	M12	25 or 50	150 or 200	VSH-B-0400-PUR-25(50)
400	BLACK	M16	50	250	VSH-C-0400-BLA-50
600	YELLOW	M16	50	250	VSH-C-0600-YEL-50
800	GREEN	M16	50	250	VSH-C-0800-GRN-50
1000	BLUE	M16	50	250	VSH-C-1000-BLU-50

### SPECIFICATION

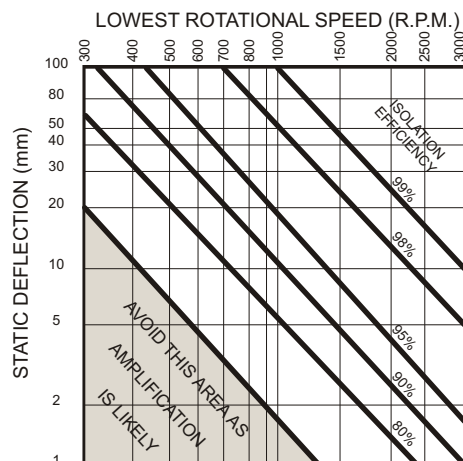
VSH - a standard model with colour coded helical steel spring with acoustic rubber end cap fitted within a BZP steel box and provided with a BZP threaded steel drop rod and connector piece.

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

Drop rod size is limited by safe working loads in BS3974 Part 1 as follows: M10 = 360kg, M12 = 530kg, M16 = 1010kg, M20 = 1580kg.

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. These are fitted with M20 fixings.

### OPERATING PARAMETERS



subject to alteration without notification