

MSR.F

RESTRAINED SPRING MOUNT with Regufoam®

Description

Spring mounts **MSR.F** are a multi directional restraint system with special design limit stops devices.

At their base they have a high quality polyurethane vibration isolation foam Regufoam® with 25mm thickness, in order to achieve better vibration isolation, also at high frequencies. The Regufoam® is manufactured by the German company BSW and it is available in different hardness/colours.

The metal plates are protected from oxidation with polyester powder paint.

On the bottom **MSR.F** can be fixed with the use of up M12 pass-through bolts (not included). On the upper part is an M12 threaded rivet in order for the Vibro - MSR.F to be fixed to the machinery.

The spring complies with ISO EN 10270 requirements.

Applications

MSR.F can be used for low frequency vibration control (low speed rotation 400 rpm upwards) that also require lateral and vertical restrain and protection from earthquakes and excess wind pressure, such as air compressors, two-cycle engines, chillers, water coolers, air handling units.

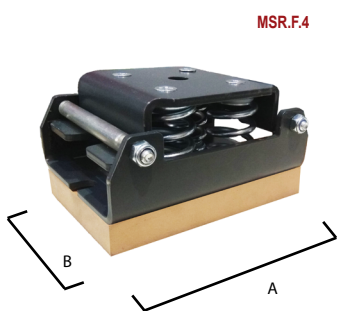
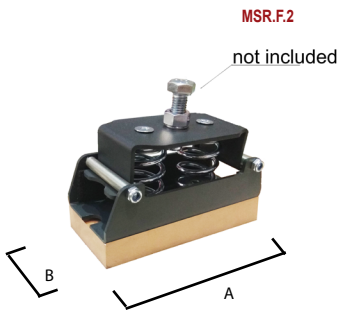
Dynamic Characteristics

Deflection: 27 mm at maximum load
 Natural Frequency: 3Hz at maximum load
 Available also with 50mm deflection (MSR.FD).

Selection Table

TYPE	REGUFOAM COLOR	Spring No.	DIMENSIONS (A-B-H mm)	MAXIMUM LOAD (daN)
MSR.F 100.2	Brown	2	160 - 66 - 90	100
MSR.F 100.4	Black	4	170 - 120 - 90	100
MSR.F 200.2	Beige	2	160 - 66 - 90	200
MSR.F 200.4	Grey	4	170 - 120 - 90	200
MSR.F 400.4	Beige	4	170 - 120 - 90	400
MSR.F 500.5	Rose	5	170 - 120- 90	500

Other load range and Regufoam® thicknesses available upon request.



Design and Production according to Quality Management System ISO 9001.2008 & Environmental Management System ISO 14001.2004