

# Vibro-MSR

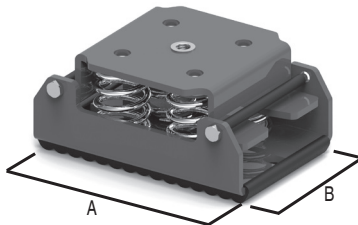
## RESTRAINED ANTI-VIBRATION SPRING MOUNT

### Description

Anti-vibration spring mounts **Vibro- MSR** are a multi directional anti-vibration restraint with relative limit stops. It can be used for low frequency vibration control (low speed rotation 400 rpm upwards) that also require lateral and vertical restraint and protection from earthquakes and excess wind pressure, such as air compressors, two-cycle engines, chillers, water coolers, air handling units. On the bottom **Vibro - MSR** can be fixed with the use of M8 pass-through bolts. On the upper there is an M8 bolt in order for the **Vibro - MSR** to be fixed to the machinery. The spring complies with ISO EN 10270 requirements.

### Applications

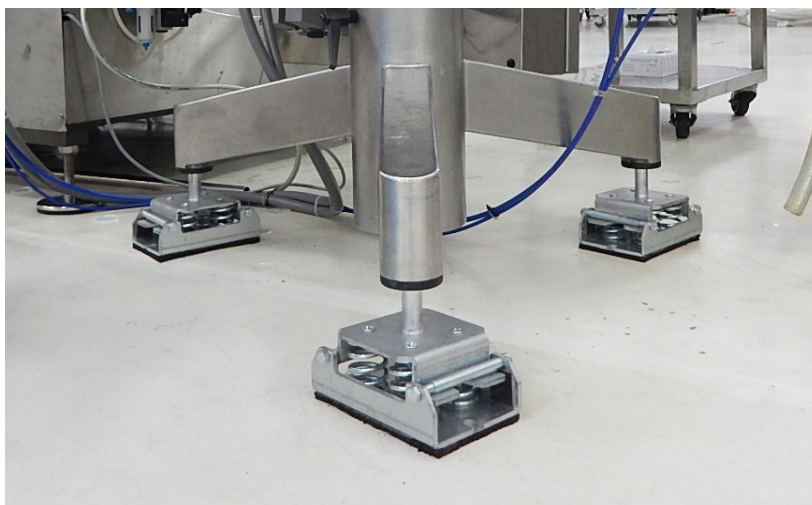
**Vibro-MSR** is recommended to be used for mechanical Noise & Vibration isolation for: Vibrating equipment is likely to be subjected to seismic events.  
When the vibrating equipment is likely to significant center of mass alternations.  
When high wind loads or other external forces are applied.



Vibro - MSR Selection Table

TYPE	No. of SPRINGS	DIMENSIONS (A-B-H mm)	MAXIMUM LOAD (kp*)
Vibro-MSR 100.2	2	160 - 66 - 75	100
Vibro-MSR 100.4	4	170 - 115 - 75	100
Vibro-MSR 200.2	2	160 - 66 - 75	200
Vibro-MSR 200.4	4	170 - 115 - 75	200
Vibro-MSR 400.4	4	170 - 115 - 75	400
Vibro-MSR 500.5	5	170 - 115 - 75	500
Vibro-MSR 750.5	5	170 - 115 - 75	750

\*1 kp = 10 N



### Dynamic Characteristics

Deflection 25 mm at maximum load  
Natural Frequency: 3 Hz at maximum load  
Available also with 50mm deflection (Vibro-MSRD).

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