

TECHNICAL DATA SHEET

SMR 3000

Soundproofing complex

Product description and Technical Specification:

Anti-vibration spring mounts SMR are a multi directional antivibration restraint system with adjustable height. 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 SMR casing is made of steel and is protected from oxidation with a polyester powder paint (hot dip galvanised on request). The antivibration springs comply with ISO.N.10270 standards. An adjustable height system is placed, in order to align the machine during the installation. SMR.F's advanced design can successfully sustain forces from various directions both vertical and lateral (like earthquakes, hurricanes and wind-pressure).



Applications

SMR.F 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. Typical applications are air compressors, two-cycle engines, chillers, water cooling towers, air handling units etc.

- Low frequency vibration control

PHYSICAL CHARACTERISTICS	Unit	Value
Dimensions /A/	mm	160
Dimensions /B/	mm	260
Dimensions /H/	mm	205
Maximum load	daN	3000
Color Regufoam	-	Brown
Number of springs	-	4

DYNAMIC CHARACTERISTICS	Unit	Value
Deflection	mm	27 at maximum load
Natural Frequency	Hz	3 at maximum load