

Vibro.SiL-EM.3

SILICONE ANTIVIBRATION METAL - RUBBER MOUNTS



Description

The advanced design of **Vibro.SiL-EM.3** is a result of specialized research and it is made by a high quality silicone polymers. Provides an effective shock and vibration isolation protection, as well as structure-borne noise reduction, much higher than natural rubber and thermoplastic compounds. It can achieve a large deflection capacity and a low resonance point.

Silicone polymers offers very good weathering properties, ozone UV resistant, ideal for out-door use. Suitable for frost and snow conditions. All the metal parts are covered by silicone rubber, providing an oxidation protection. Silicone gel is softer than natural/viscoelastic rubber and others thermoplastic compounds.

Applications

The silicone anti-vibration metal - rubber mounts, **Vibro.SiL-EM.3** can offer high vibration protection for compressors, pumps, fans, exhaust gas pipes / muffler support, sensitive electronic equipment, in avionic, military and medical applications, where a wide temperature range (-40 to +200°C) occurs.

Suitable also for food-industry applications.

Technical Characteristics

- Wide operating temperature range: -40 to +200°C, providing stable performance
- Very low compression set
- Long term durability and stability
- Environment-friendly. No harmful additives are contained
- Low odor

Vibro.SiL-EM.3 Selection Table

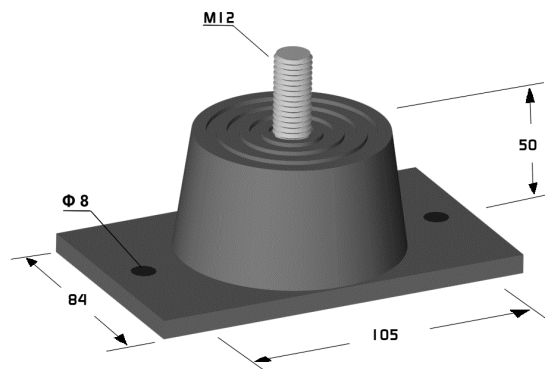
TYPE	Color Code	MAXIMUM LOAD (kp*)
Vibro.SiL - EM.3	Natural	50
Vibro.SiL - EM.3	Red	100
Vibro.SiL - EM.3	Blue	150

*1 kp = 10 N

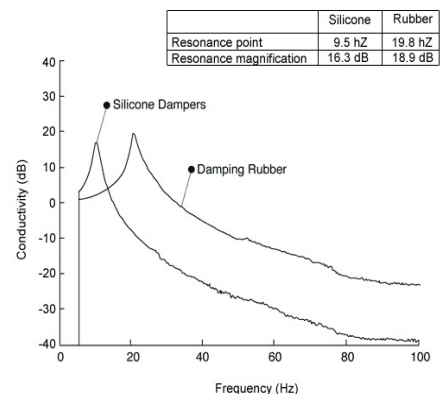
Dynamic Characteristics

Deflection (at maximum load): 4 mm

Natural Frequency: 8 Hz



Typical characteristics of Silicone VS Rubber mounts (By bibliography)



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