



## **EUROVIB (Acoustic Products) Limited**

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*Introducing*

# **O/ES/O 25mm DEFLECTION OPEN SPRING MOUNTS**

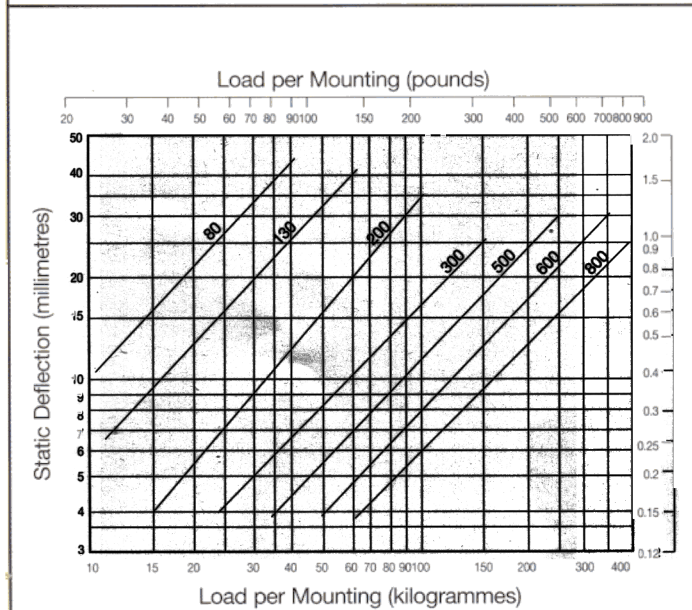
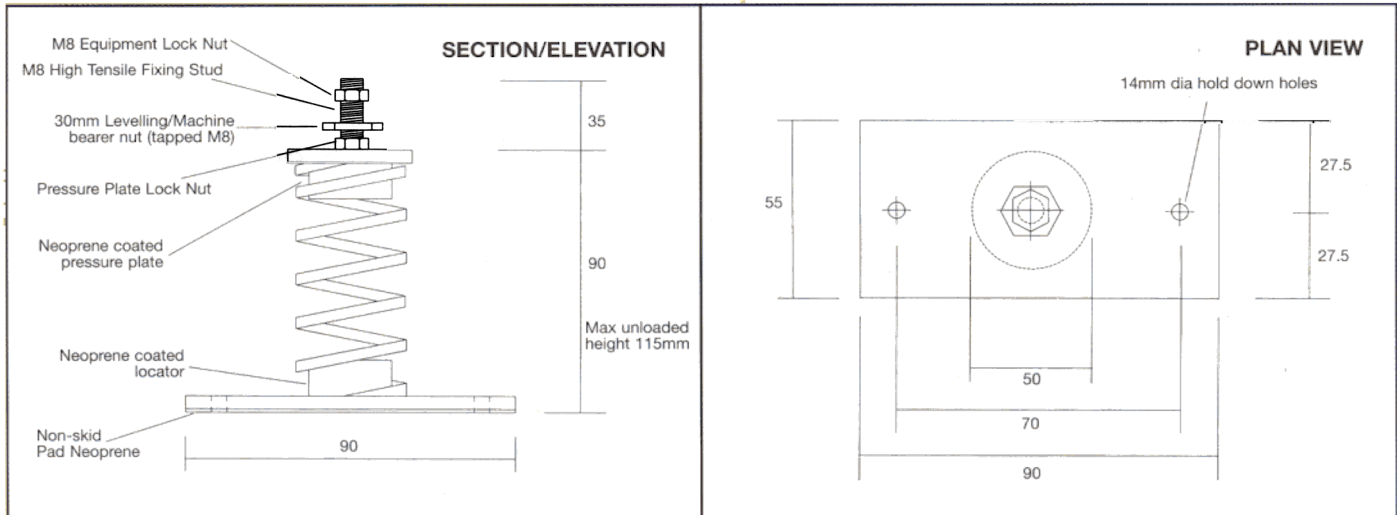
**Economy Open Spring Vibration Isolators**



- Design Service
- 25mm Static Deflection
- Neoprene Damping Ring
- Levelling capability
- Weight range 10-230kg
- Finished in Zinc Plate Passivate
- Anti-skid neoprene pad

A Member of THE ENVIRONMENTAL AND PROCESS ENGINEERING GROUP LTD

Company Reg No. 1100359 Registered office: Monza House, Unit 4, Third Avenue, Millbrook Trading Estate, Southampton SO15 0AP



**Materials**  
 Fluted Base Pad in commercial grade polychloroprene (neoprene).  
 Spring Locator and Spring Pressure Plate in commercial grade neoprene compression moulded to BS5375  
 Base plate in carbon steel to BS4360 G43A  
 Helical Steel Spring in carbon steel to BS5216  
 Fasteners; Studs; Screws high tensile carbon steel to BS3643 Pt1 CL2  
 Metal surface Finish zinc plate passivate to BS1706 8c 2C

**Performance**  
 Efficiencies and mount performance generally assume that the structure above and below the mount are infinitely stiff. In practice this may not be the case in which case the point loads and mount efficiency and performance can be adversely effected. In extreme cases resonance between machine/mount; machine/structure; or mount/structure may occur. If you have doubts and require assistance do not hesitate to use our applications and advisory service free of charge.

**Selection Procedure**  
 1. Enter load deflection chart at load per mounting  
 2. Select mount type and spring number which gives maximum deflection at that load  
 Note: If you require to know the vibration isolation efficiency (V.I.E.) refer to chart in the design guide of our main catalogue.

**Installation and Maintenance Instructions**

1. Ensure that the mounting substrate is clear, clean and level.
2. Where mounts are marked as having disparate load potential ensure that their respective installation positions are properly identified.
3. Ensure that the Levelling Nut is wound down to its minimum height position and that the Upper Lock Nut and Washer are temporarily removed.
4. Lift and safely chock-up the equipment to be mounted.
5. Thread the Mount(s) Levelling Screws through the u/s of your respective equipment mounting holes.
6. Check Mounts are in proper vertical perpendicular alignment with equipment base and the proposed Mount hold-down locations and gently release equipment load onto mounts ensuring that no one mount is inadvertently overloaded.
7. Insert Hold-Down Screws (by others).
8. Observe the highest point of the base frame using a spirit level. This is normally above the least deflected mount and will represent the minimum height you can level-up to – you cannot level-down. Using an M16 wrench progressively level-up the Mount(s) Levelling Nut(s) counter-clockwise a little at a time commencing with the MOST deflected mount until the spirit level tells you the base is properly levelled to its minimum level. You can then further level-up if you so wish.
9. Re-fit the Upper Locking Washer and Nut.
10. At six months intervals observe visually whether mount(s) exhibit signs of collapse or failure, and if so replace. If mounts exhibit any out-of-level repeat the Levelling Operation. Lightly spray with WD40 or approved similar subject to your H&S Regulations

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