**DESCRIPTION**

Soundown Type TR004 isolation mounts combine double elastic elements and rugged cast base to provide a durable high deflection mount suitable for a wide range of applications. The orientation of the rubber elements and cap design allow for static deflections as high as 13mm for land based installation and 11mm marine applications.

TR004 mounts are available from 45 to 70 Shore A rubber hardness to allow for excellent isolation of loads from of less than 100kg (220lbs) to 1100kg (500lbs) per point. For heavy equipment such as large generator installation multiple mounts may be grouped at each position to achieve specified noise and vibration targets.

Under normal operating conditions TR004s do nor require any periodic maintenance other than to check the rubber elements for contamination from oil and grease. In the case of contamination the mounts should be cleaned with a natural soap based cleaner.

**TECHNICAL CHARACTERISTICS**

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which damage the rubber.

- Available with an internal limit stop for use in marine and other mobile applications. The limit stop will prevent excessive motion of the equipment on the mounts.

- Can be used to mount exhaust silencers and piping when used in conjunction with a thermal block.

**APPLICATIONS**

TR004s are suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping, oil diesel or exposure to the weather. This mount is suited to applications where a high level of vibration isolation is required.

- Generators
- Air Conditioning Equipment
- Electrical Switch Gear
- Pumps
- Exhaust Equipment (thermal block required)
Physical Properties

Dimensions (mm)

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H (unloaded)</th>
<th>I</th>
<th>K</th>
<th>P</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120</td>
<td>228</td>
<td>180</td>
<td>165</td>
<td>203</td>
<td>17.5</td>
<td>120</td>
<td>125 +/- 0.5</td>
<td>13.5</td>
<td>M16</td>
<td>204</td>
<td>146</td>
</tr>
</tbody>
</table>

Stiffness Data

- Maximum statics Load (kg)
  - 45 Shore A: 480
  - 55 Shore A: 720
  - 60 Shore A: 880
  - 70 Shore A: 1100

- Vertical Stiffness (N/mm)
  - 425
  - 650
  - 925
  - 1300

- Longitudinal Stiffness (N/mm)
  - 100
  - 160
  - 230
  - 325

- Transverse Stiffness (N/mm)
  - 550
  - 800
  - 1150
  - 1600

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part.