Vibration Control Non-Adjustable Mounts

For Round Type, turn the front tip to adjust height. For Square Type, turn the back/center to adjust height.

**Support Load and Natural Frequency**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
<th>L</th>
<th>Vertical Load Range (kN)</th>
<th>H</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>KFJA</td>
<td>90</td>
<td>120 200</td>
<td>145</td>
<td>163</td>
<td>3.5</td>
</tr>
<tr>
<td></td>
<td>KFJB</td>
<td>120</td>
<td>200 200</td>
<td>157</td>
<td>165</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>KFJH</td>
<td>120</td>
<td>200 200</td>
<td>157</td>
<td>165</td>
<td>3.0</td>
</tr>
<tr>
<td>Square</td>
<td>KFJM</td>
<td>120</td>
<td>220 220</td>
<td>175</td>
<td>185</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**Installation Method**

1. Jack up the machine and device (climbing up) to place the mounts under the holes. (For KFJM type, please level washer on the mounts, and lower the machine and device.)
2. Insert a leveling bolt attached with a nut and a washer into the mount from the bottom.
3. Turn the leveling bolt with a wrench to adjust the level of the machine. (For KFJM, turn the handwheel with a tool to adjust the level of the machine.)
4. After horizontal level has been obtained, tighten the nut and washer.

**How to Select**

- Calculate rated load per antivibration mount: To offer an aspect of VIBload, multiply by 4-supporting points KFJA / KFJB / KFJH.
- Calculate frequency for supporting object: As the frequency is the number of vibration per second, take square root of (2π x f). When using speed is 100 rpm, 30.56 rpm (0.5 Hz), select an antivibration mount with natural frequency less than 1/2 the frequency of vibration.

**Leveling Adjustment Range**

- The mounting hole on the machine side is in the tap of the leveling mount. Do not tighten the hex nut at this point. (Hex bolts, hex nuts and plain washers are supplied by users.) After level adjustment is complete, tighten hex nuts and plain washers. Please note that if the support load is very light, the leveling mount may slant due to the overtightening of nuts.

**Support Load vs. Natural Frequency**

- When KFJA100 is selected, the natural frequency will be 25 Hz.
- In the case of motor with 10 KN and 50 Hz, when KFJM160 is selected, the natural frequency...

**Configure Online**

- For orders larger than indicated quantity please request a quotation.
- Please pay close attention to safety measures.
- Anchor bolt mounting holes can be ignored when not necessary.
- Anchor bolts are provided for mounting the table. Please provide Wrench Flats (Length at various holes - Anchor Flange/Nose Width - Height of screwed in leveling mount bolt/stand-offs - Angle of bolt head)...
- Select the leveling mount based on the indicated load on the JIS Standards K6251.
- The middle part (wedge shape) moves back and forth when adjusting the level. Keep 30 mm clearance in back of the leveling mounts.
- Leveling Adjustment Range: To be sure to use the leveling range columns as shown in the table above. The leveling range is a possibility of leveling range with respect to the centerline of the leveling mount. If the leveling range is exceeded, the leveling mount cannot be adjusted any further.
- To ensure accuracy, adjust the leveling mount gradually to avoid lateral movements.

**Rubber Pad Characteristics**

- KHWM-C / KHWM-P / KHWM-S / KHWM-SC
- Nitrile Rubber (Blue) Shore A95
- Electrolytic Zinc

**Material (Color)**

<table>
<thead>
<tr>
<th>KHWM-C</th>
<th>KHWM-P</th>
<th>KHWM-S</th>
<th>KHWM-SC</th>
</tr>
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</tr>
</tbody>
</table>

**MOUNTING EXAMPLE**

- Mount the leveling mount on the device with bolts, align the mounting holes of the device and the tap position of the leveling mounts. Insert a hex bolt, hex nut and a washer into a mounting hole in the machine side and secure in the top of the leveling mount. Do not tighten the hex nut and the flat washer with a tool to this point. Please note that if the support load is very light, the leveling mount may slant due to the overtightening of nuts.
- After horizontal level has been obtained, tighten the nut and washer.

**Slide Fixing Bracket**

- The slide fixing bracket is to be used for securing the slide fixing bracket to the machine base. Make sure both holes are lined up properly and the slide fixing bracket is mounted on the machine base properly.