**Series EBV Electric Bin Vibrator**

**Adjustable Vibration Intensity**

The Series EBV Electric Bin Vibrator incorporates adjustable force features without creating irritating noise. The low amperage draw at 120V reduces power consumption and makes the vibrators usable in any application. The EBV eliminates drawbacks associated with non-adjustable constant force units. The conventional fixed force units are sized with narrow operating limits and may not move material from bins or pack material in containers if the moisture content changes. The adjustable force feature increases application flexibility; reducing equipment downtime and labor expense. The EBV is capable of running continuously at 100% force output without overheating or mechanical damage.

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Power</th>
<th>Centrifugal Force</th>
<th>Current</th>
<th>Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBV-1</td>
<td>0.09</td>
<td>59</td>
<td>130.1</td>
<td>9.3</td>
<td>$310.00</td>
</tr>
<tr>
<td>EBV-2</td>
<td>0.11</td>
<td>110</td>
<td>242.5</td>
<td>10.1</td>
<td>$359.00</td>
</tr>
<tr>
<td>EBV-3</td>
<td>0.21</td>
<td>189</td>
<td>416.7</td>
<td>15.4</td>
<td>$431.00</td>
</tr>
<tr>
<td>EBV-4</td>
<td>0.28</td>
<td>323</td>
<td>712.1</td>
<td>21.6</td>
<td>$540.00</td>
</tr>
</tbody>
</table>

Series EBV Electric Bin Vibrator (single impact model) focuses on a limited target. Other equipment of the target is minimally affected by it. It is often applied onto a pipe or clean elbow in a tank filled with humidity or low specific gravity material.

**FEATURES**

- One impact wave caused by one shot
- High strength aluminum structure
- Impact force and interval timing can be set based on needs
- Magnetic hammer stores magnetic strength to increase the piston’s impact power

**SPECIFICATIONS**

- **Power Requirements:** 120 VAC.
- **Noise Level:** See model chart.
- **Temp. Limits:** -4°C to 40°C.
- **Weight:** See model chart.
- **Enclosure:** Aluminum.

**Enclosure Rating:** NEMA 4X (IP66).

**How It Operates**

The EBV series electric bin vibrators are designed for continuous operation at 100% force output without overheating or mechanical damage. The high strength aluminum body provides durability and reliability. The silent operation reduces noise levels to below 10 dBA, making it suitable for environments requiring minimal disturbance. The adjustable centrifugal force feature allows for precise control over the vibration intensity, ensuring efficient material movement without compromising product integrity.

- **Continuous operation at 100% force output**
- **NEMA 4X (IP66)**
- **Robust aluminum body**
- **Silent operation (20 dB)**
- **Adjustable centrifugal force**