**Model SBC-U**

TILT TYPE WATER-COOLED ELECTROMAGNETIC SINE BAR CHUCK

Chuck controller required additionally

[Application]

Constructed to enable real-time internal cooling of heat generated when power is applied to the electromagnet, making these chucks suitable for higher precision grinding operation.

[Features]

- Change in accuracy is minimized by supplying coolant at a flow rate of 2 to 4 L/min to minimize coil heating.
- The mechanical functions and features are almost the same as those of Model SBE chucks.

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Size</th>
<th>Work Face</th>
<th>Pole Pitch</th>
<th>Mounting Length</th>
<th>Height</th>
<th>Tilt Angle</th>
<th>Angle Accuracy</th>
<th>Voltage</th>
<th>Current</th>
<th>Mass</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBC-1131UFL-C</td>
<td>110 (4.33) x 315 (12.4)</td>
<td>110 x 315</td>
<td>278 x 113</td>
<td>11 (3+8)</td>
<td>492 (19.3)</td>
<td>138 (5.43)</td>
<td>210 (8.26)</td>
<td>~15°-45°</td>
<td>0.007/100 max.</td>
<td>90 VDC</td>
<td>0.3A</td>
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</table>

- The type having the gauge block setting area on the right side is indicated by "R" and that on the left side indicated by "L".
- A cooler unit is required additionally.
- The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.
- A gauge block (25.882 mm) for 0° is included. For the mechanism of angle setting, see the bottom part on page 51. The conversion table included with the product facilitates angle setting.

**Model SBEP-U**

TILT TYPE PERMANENT ELECTROMAGNETIC SINE BAR CHUCK

Chuck controller required additionally

[Application]

These chucks are recommended for angle grinding of molds and jigs. Since magnetization is carried out by momentary power application, almost no heat is generated to make this model suitable for high precision grinding.

[Features]

- Electricity is applied momentarily. No electricity is required to maintain the holding power during grinding, thus saving energy.
- The holding power is maintained in the event of power failure during grinding, thus enhancing safety.
- The mechanical functions and features are almost the same as those of Model SBE.

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<tr>
<td>SBEP-1131UFL-C</td>
<td>110 (4.33) x 315 (12.4)</td>
<td>110 x 315</td>
<td>278 x 113</td>
<td>11 (3+8)</td>
<td>492 (19.3)</td>
<td>138 (5.43)</td>
<td>210 (8.26)</td>
<td>~15°-45°</td>
<td>0.007/100 max.</td>
<td>90 VDC</td>
<td>2.1A</td>
</tr>
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<td>SBEP-1131UFL-C</td>
<td>110 (4.33) x 315 (12.4)</td>
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- The type having the gauge block setting area on the right side is indicated by "R" and that on the left side indicated by "L".
- The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.
- A gauge block (25.882 mm) for 0° is included. For the mechanism of angle setting, see the bottom part on page 51. The conversion table included with the product facilitates angle setting.