# Main dimensions and specifications

<table>
<thead>
<tr>
<th>General information</th>
<th>bebionic EQD Wrist</th>
<th>bebionic Short Wrist</th>
<th>bebionic Flex ion Wrist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article Number</td>
<td>8E70=*</td>
<td>8E71=*</td>
<td>8E72=*</td>
</tr>
<tr>
<td>Weight of the bebionic hand small</td>
<td>433 g / 0.95 lbs approx.</td>
<td>402 g / 0.89 lbs</td>
<td>504 g / 1.1 lbs</td>
</tr>
<tr>
<td>Weight of the bebionic hand medium</td>
<td>616 g / 1.36 lbs approx.</td>
<td>588 g / 1.3 lbs</td>
<td>689 g / 1.52 lbs</td>
</tr>
<tr>
<td>Opening width (between index finger and opposed thumb)</td>
<td>75 mm</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Extension/flexion of the wrist</td>
<td>-</td>
<td>-</td>
<td>5 locking positions from -40° to +40° in 20° increments</td>
</tr>
<tr>
<td>Service life</td>
<td>5 years</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please refer to the bebionic Instructions for Use for further details.

<table>
<thead>
<tr>
<th>Product dimensions</th>
<th>bebionic hand small</th>
<th>bebionic hand medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Palm of the hand</td>
<td>72 mm</td>
<td>85 mm</td>
</tr>
<tr>
<td>B Max. hand width</td>
<td>122 mm</td>
<td>136 mm</td>
</tr>
<tr>
<td>C Hand length incl. fingers</td>
<td>162 mm</td>
<td>188 mm</td>
</tr>
<tr>
<td>D Finger length</td>
<td>75 mm</td>
<td>91 mm</td>
</tr>
<tr>
<td>E Thumb tip to hand base</td>
<td>100 mm</td>
<td>120 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Load limits</th>
<th>bebionic hand small, medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Force on single finger (static)</td>
<td>7.19 lbf / 32 N</td>
</tr>
<tr>
<td>Transverse force on single finger (static)</td>
<td>9.89 lbf / 44 N</td>
</tr>
<tr>
<td>Force on chassis (static, supporting the hand)</td>
<td>112.4 lbf / 500 N</td>
</tr>
<tr>
<td>Force with closed hand (static, carrying a bag)</td>
<td>34.17 lbf / 152 N</td>
</tr>
<tr>
<td>Forces on thumb (static)</td>
<td>8.99 lbf / 40 N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>bebionic hand small, medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripod grip force</td>
<td>8.09 lbf / 36 N</td>
</tr>
<tr>
<td>Key grip force</td>
<td>5.85 lbf / 26 N</td>
</tr>
</tbody>
</table>

## Wrist options

The bebionic hand is available with three different wrist options to suit patients' individual requirements. Available options include the EQD (Electronic Quick Disconnect) wrist, a short wrist to accommodate a long residual limb/wrist disarticulation as well as the flexion wrist, which allows a larger range of wrist motion.

### 1 EQD Wrist (Quick Disconnect)
The EQD wrist allows the hand to be removed easily from the socket. The user can therefore quickly rotate the hand to switch to a secondary terminal device.

### 2 Short Wrist
The short wrist consists of a low-profile connector for patients with a long residual limb. A short wrist lamination ring is also supplied with these hands. With this wrist option, the patient still maintains a high degree of freedom since the hand rotates against constant yet adjustable friction.

### 3 Flexion Wrist
The flexion wrist allows the patient to position the hand in five locking levels of flexion and extension from -40° to +40° in 20° increments.
bebionic Skin Silicone Prosthetic Gloves

A cosmetic option for a natural aesthetic.

Made of carefully layered, state-of-the-art silicone and reinforced with an integrated mesh liner, bebionic gloves are soft, easy to clean, and easily donned or doffed.

Highly-detailed craftsmanship includes a micropigmentation coloring process and hand painted details which provide bebionic silicone gloves with consistency and a natural aesthetic.

What's new?
Less layers of silicone for increased elasticity and flexibility.

Benefits
- Available in 9 colors, including jet black
- Easy to clean with warm water and pH-neutral soap
- Natural design and appearance
- Easy donning and doffing by the prosthetist
- Reinforced, integrated mesh liner
- UV resistant and thermally stable for a longer shelf life

9 colors including jet black
Color swatch 646M82 is available on request. Color samples are intended for illustrative purposes only.

Technical data

<table>
<thead>
<tr>
<th>Article no.</th>
<th>85711=*-N, 85710=*20-N (black)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side</td>
<td>right (R), left (L)</td>
</tr>
<tr>
<td>Sizes</td>
<td>small (S), medium (M), large (L)</td>
</tr>
<tr>
<td>Colors</td>
<td>02, 03, 04, 06, 09, 11, 14, 16, 20</td>
</tr>
</tbody>
</table>

Example for ordering: 85711=R-M04-N

To watch our bebionic glove donning tutorial, please click on the icon or visit https://youtu.be/M12L46qHRqw