EAG is an electric 2-finger adaptive gripper that is equipped with two symmetrically articulated fingers.

**Advantages**

- Slim body with one installation positions
- Grip control: force and position adjustment
- Quick open/close time with speed adjustment
- Grip feedback and part detection: gripper status can be read at the PLC/Controller and visualized on the unit via LED’s
- Plug and play: mechanical and software interface for major cobot manufacturers
- Multiple communication modes: the gripper supports Modbus RTU protocol and IO mode control. Other protocols such as USB and ETHERNET can be implemented through a protocol converter.
- Grip actuation via embedded controller.
- Brake locking mechanism.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Stroke</th>
<th>Gripping Force per Jaw</th>
<th>Total Gripping Force</th>
<th>Opening/Closing Time</th>
<th>Nominal Voltage</th>
<th>Nominal Current</th>
<th>Max Current</th>
<th>Repeatability (Positioning)</th>
<th>Recommended Workpiece Weight*</th>
<th>Weight (fingers excluded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAG2-73105</td>
<td>145 mm</td>
<td>35 - 105 N</td>
<td>70 - 210 N</td>
<td>0.7 / 0.7 s</td>
<td>24 V DC ± 10%</td>
<td>0.8 A</td>
<td>1.50 A</td>
<td>± 0.03 mm / ± 0.001 in</td>
<td>2.00 kg</td>
<td>1.30 kg</td>
</tr>
<tr>
<td></td>
<td>5.71 in</td>
<td>7.87 - 23.60 lb</td>
<td>15.74 - 47.21 lb</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4.41 lb</td>
<td>2.87 lb</td>
</tr>
</tbody>
</table>

* Recommended workpiece weight depends on the shape of the part, the material and friction of the contact surface and the acceleration of the motion.

**Communication Interface**

- **Standard:** Modbus RTU (RS485), Digital I/O
- **Optional:** TCP/IP, USB2.0, CAN2.0A, PROFINET, EtherCAT

**IP Protection Class:** IP 54

**Noise Emission (Sound Pressure):** ≤ 40 dB(A) in any direction

**Recommended operating environment:** 0-40 °C (32-104 °F), < 85% RH
Conform to ISO 9409-1-50-4-M6 standard flange

Custom fingers mounting size

Conform to ISO 9409-1-50-4-M6 standard flange