ROBOTIQ

ADAPTIVE GRIPPERS

• Fast installation
• Easy & powerful user interface
• Adjustable stroke, speed & force

• Plug + Play kits for Universal Robots
• Wide range of applications
• Easy to customize

• Robust, factory-proven hardware
• High pinch force & payload
• Built-in part validation

START PRODUCTION FASTER

Machine Tending
Assembly
Pick & Place

DESIGN

INTEGRATE

OPERATE
**TAKE FULL CONTROL**

*ADJUST THE GRIPPER’S POSITION, SPEED, AND FORCE FOR A PERFECT GRASP*

*DETECT IF A PART IS PICKED AND VALIDATE ITS DIMENSION*

*USE ANY ADAPTIVE GRIPPER WITH THE SAME EASY-TO-USE INTERFACE*

**PLUG + PLAY KITS FOR UR**

*INSTALL HARDWARE EASILY, PROGRAM SOFTWARE QUICKLY - AND GET YOUR ROBOT TO WORK SOONER*

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>2F-85</th>
<th>2F-140</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke (adjustable)</td>
<td>85 mm</td>
<td>140 mm</td>
</tr>
<tr>
<td>Grip force (adjustable)</td>
<td>20 to 235 N</td>
<td>10 to 125 N</td>
</tr>
<tr>
<td>Form-fit grip payload</td>
<td>5 kg</td>
<td>2.5 kg</td>
</tr>
<tr>
<td>Friction grip payload</td>
<td>5 kg</td>
<td>2.5 kg</td>
</tr>
<tr>
<td>Gripper mass</td>
<td>0.9 kg</td>
<td>1 kg</td>
</tr>
<tr>
<td>Position resolution (fingertip)</td>
<td>0.4 mm</td>
<td>0.6 mm</td>
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<tr>
<td>Closing speed (adjustable)</td>
<td>20 to 150 mm/s</td>
<td>30 to 250 mm/s</td>
</tr>
<tr>
<td>Communication protocol</td>
<td></td>
<td>Modbus RTU (RS-485)</td>
</tr>
<tr>
<td>Ingress protection (IP) rating</td>
<td></td>
<td>IP40 IP40</td>
</tr>
</tbody>
</table>

* All specifications provided for reference only. See user manual at support.robotiq.com for official specifications.

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**WHAT’S NEXT?**

Get access to the Adaptive Grippers specifications at support.robotiq.com

Chat with the Robotiq sales team:
iss@robotiq.com
1-888-ROBOTIQ

Place your contact information here

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