YK700XGS
Wall-mount / inverse type

Ordering method

<table>
<thead>
<tr>
<th>YK700XGS</th>
<th>Installation method **</th>
<th>Z axis stroke</th>
<th>Tool flange</th>
<th>Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>H: Ceiling mount (same as per external view)</td>
<td>0-400 mm</td>
<td>20-500 mm</td>
<td>30-200 mm</td>
<td>5-7 mm</td>
</tr>
<tr>
<td>A: Wall mount</td>
<td>0-200 mm</td>
<td>20-400 mm</td>
<td>30-200 mm</td>
<td>5-7 mm</td>
</tr>
</tbody>
</table>

Specifications

<table>
<thead>
<tr>
<th>X-axis</th>
<th>Y-axis</th>
<th>Z-axis</th>
<th>R-axis</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 mm</td>
<td>400 mm</td>
<td>200 mm</td>
<td>600 mm</td>
</tr>
<tr>
<td>+/-130 °</td>
<td>+/-130 °</td>
<td>+/-130 °</td>
<td>+/-130 °</td>
</tr>
</tbody>
</table>

Deceleration mechanism

- Speed reducer: Harmonic drive
- Motor to speed reducer: Direct-coupled
- Speed reducer to output: Direct-coupled

Note: Please consult YAMAHA when connecting other tubes and cables to the self-supporting machine harness.

Note 3. There are limits to acceleration coefficient settings. See P.539.

Specifications

- Maximum payload: 20kg
- Stroke: 85.5 mm, 37.5 mm
- User tubing: 3 (6 Blue, 6 Red, 6 Black)
- φ 25h7: 219 mm
- M4 ground terminal: 116 mm
- User tubing 1 (6 Black): 18 mm
- User tubing 2 (6 Red): 18 mm
- User tubing 3 (6 Blue): 18 mm
- D-sub connector for user wiring (No. 1 to 20 usable): 219 mm
- D-sub connector for user wiring (No. 1 to 25 usable): 219 mm
- R27 (8mm, cable bending radius): 116 mm
- Keep enough space for the maintenance work on the top face of the base.

Controller

- Controller: RCX340
- Power capacity (VA): 2500
- Operation method: Programming / I/O point trace / Remote command / Operation using RS-232C communication

Note: "Harmonic" and "Harmonic drive" are the registered trademarks of Harmonic Drive Systems Inc.

Note: The movement range can be limited by changing the positions of X and Y axis mechanical stoppers. (The movement range is set to the maximum at the time of shipment.)

See our robot manuals (installation manuals) for detailed information.

http://global.yamaha-motor.com/business/robot/