Hollow Rotary Actuators

DGII Series

Horizontal Mounting

αSTEP AZ Series Equipped

The DG II Series combines a hollow rotary table with a controller to create an integrated product that can be directly mounted to large inertia tables or arms. Time and cost associated with mechanism design, parts selection and assembly adjustment can be reduced. No sensor required with AZ Series technology.

Simplified Design and Programming

- Houses Entire Rotary Motion
  Number of components can be reduced

- Simple Control by Setting No-Entry Zones
  If there are obstructions on the equipment, it is possible to set a region on the output table that will be avoided.

- Reduce Time with Short-Cut Operations
  Example: When moving from the 0° position to 270° position, counterclockwise movement is automatically selected as the shortest rotation direction.

<table>
<thead>
<tr>
<th>Backlash</th>
<th>Non-Backlash</th>
<th>6 arc minutes (0.1°)</th>
</tr>
</thead>
<tbody>
<tr>
<td>±15 arc seconds (±0.004°)</td>
<td>±30 arc seconds (±0.008°)</td>
<td></td>
</tr>
</tbody>
</table>

Applications Requiring High Performance and High Rigidity

Visit www.orientalmotor.com
For further information (specifications, dimensions, speed-torque characteristics)
**Product Line**

- **Vertical Mount Type**

- **Horizontal Mount Type**

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**System Configuration**

- **Power Supply**
  - **Hollow Rotor Actuator**
  - **Driver Type**
  - **Frame Size**
  - **Gear Ratio**
  - **AC Input**
  - **DC Input**

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**ORIENTAL MOTOR U.S.A. CORP.**

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