## Model List of Gearhead Product Series for Welding Positioners

<table>
<thead>
<tr>
<th>RD2</th>
<th>Base flange assembled type</th>
<th>RVP-B (Provisional name)</th>
<th>RS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RD2</td>
<td>RD2</td>
<td>RH-320CA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Applications
- BBQ positioner: ○
- Turntable: △

### Features
- Input system: Straight, right angle, pulley
- Reduction gear specifications: Solid, hollow shaft
- Servomotor support: ○
- Grease replenishment: ○

### Notes
- Precision reduction gears RVTM are installed in all positioner gearhead products.
- Specifications are subject to change without notice.
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Precision Reduction Gear RV™
Welding Positioners
Gearhead Product Series
We offer a wide lineup of gearhead products for welding positioners equipped with precision reduction gears RV™. These units have built an outstanding reputation for use with industrial robots. They significantly reduce the time and effort required to design, produce and assemble all types of welding turntables and positioners.

Structure and Advantages of Precision Reduction Gears RV™

Precision reduction gears RV™ are equipped with a planocentric deceleration mechanism that enables extremely precise control. These gears feature a high number of simultaneously meshing teeth. This allows them to be compact and lightweight while still offering excellent rigidity and resistance to overloading. They also operate with minimal backlash, inertia and vibration during rotation, providing efficient acceleration, smooth operation and highly accurate positioning. RV™ series gears are well established as leading products for applications ranging from industrial robots and machine tools to assembly and transport systems.

- High rigidity, high impact resistance
- High torque output, high durability
- Low vibration
- Wide range of reduction ratios
- Flat profile, compact
- Highly accurate positioning (precise rotation)
**RS**

RS series

Low-floor index table units for heavy loads

- Hollow shaft (for wiring, piping)
- Low floor
- Pre-lubricated with grease
- Right angle input
- Table type
- Compatible with many servomotors

**RH-320CA**

Gearhead with Base flange

Ideal for BBQ positioners

- Large hollow diameter (ø120 mm)
- Pre-lubricated with grease
- Compatible with many servomotors

### Lineup

<table>
<thead>
<tr>
<th>RS-260A</th>
<th>RS-320A</th>
<th>RS-320B</th>
<th>RS-900A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carrying capacity</strong>&lt;br&gt;Max. 2.5t</td>
<td>Max. 5t</td>
<td>Max. 5t</td>
<td>Max. 9t</td>
</tr>
<tr>
<td>Hollow diameter&lt;br&gt;ø110mm</td>
<td>ø95mm</td>
<td>ø95mm</td>
<td>ø120mm</td>
</tr>
<tr>
<td>Height&lt;br&gt;115mm</td>
<td>140mm</td>
<td>140mm</td>
<td>260mm</td>
</tr>
</tbody>
</table>

### Carrying Capacity Based on Gravitational Center of Each Load

* The carrying capacities shown in this brochure are reference values only.

### Carrying Capacity Based on Gravitational Center of Each Load

* For duty ratio of 20%, axis interval of 2,500mm *

* The carrying capacities shown in this brochure are reference values only.
**RD2**

Optional base flange
Ideal for BBQ positioners

Optional base flange for standard gearhead models

- Support for three types of inputs (straight, right angle, pulley)
- Solid and hollow shafts
- Pre-lubricated with grease
- Compatible with many servomotors

New optional base flange is now available!
Reduce design, production and assembly times for all types of positioners.

**BBQ Positioner Kit**

Coming soon-BBQ positioner kit, using our gearheads with base flanges that are perfectly suited for BBQ positioners.

Features of BBQ positioner kit
- Faster assembly using non-centered alignment
- Inclusion of all parts required for BBQ positioners, greatly reducing design and production times

**Carrying Capacity Based on Gravitational Center of Each Load**

- For duty ratio of 20%, axis interval of 2,500 mm

- For RD2-160E

- Gravitational center of load

- Axis of rotation

- Carrying capacity

- RD2-160E

- Solid

- Hollow shaft

- RDS-160C

- RDR-160C

- RDP-160C

- Upcoming release

- Carrying capacity shown in this brochure are reference values only.