PERFECTION GEAR • AT SERIES ROTATION SWING DRIVES

Perfection Gear’s AT Series Worm Gear Speed Reducers are hydraulically driven swing drives. These quality made products are commonly used as a rotation drive for booms, but could be used in any application where speed reduction is required.

Key Features

• Withstands High Shock Loads
• Optional Electric Motor
• Driven Swing Drives
• Solid Bronze Gears
• Hardened Steel Worm
• Tapered Roller Bearing
• Optional Crowned Pinion

Technical Information

Size: 2.63” to 5.17” Center Distance
Ratio: 15:1 to 50:1 or Per Customer Specification
Output Torque (in-lbs): 8,000 to 45,000 Capacity
22,000 to 150,000 Output Yield
Output Pinion/Shaft: Per Customer Specification
Input Option: SAE “A” Mount; 2 Bolt, Keyed or Splined
Other Specifications: Eccentric Ring Per Customer Specification
Applications List: Man-Lifts, Utility Trucks, Cranes, Boom Trucks, Truck-Mounted Cranes, Tree-Trimming Vehicles, Fire & Rescue Vehicles and Service Trucks

The Perfection Gear brand has a solid reputation of building exceptionally tough aerial swing drive products that can stand up to harsh outdoor conditions and high shock loads that are common to crane usage and boom type work vehicles.
### AT Series Rotation Swing Drives

<table>
<thead>
<tr>
<th>Model Series</th>
<th>Speed Reducer</th>
<th>Ratio</th>
<th>Rating (in-lbs.)</th>
<th>Weight</th>
<th>Output Pinion</th>
<th>Eccentric Ring</th>
<th>Hydraulic Motor Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 2600</td>
<td>2.63” Center Distance</td>
<td>30:1 or per Customer Specification</td>
<td>8,000 - Output Capacity 22,000 - Output Yield</td>
<td>36 lbs.</td>
<td>Per Customer Specification</td>
<td>Optional</td>
<td>SAE “A” Mount 2 Bolt, Keyed or Splined</td>
</tr>
<tr>
<td>AT 4300</td>
<td>4.36” Center Distance</td>
<td>32:1, 39:1 or per Customer Specification</td>
<td>15,000 - Output Capacity 80,000 - Output Yield</td>
<td>72 lbs.</td>
<td>Per Customer Specification</td>
<td>Optional</td>
<td>SAE “A” Mount 2 Bolt, Keyed or Splined</td>
</tr>
<tr>
<td>AT 4500</td>
<td>4.50” Center Distance</td>
<td>15:1, 18:1, 25:1, 30:1, 39:1, 44:1 or per Customer Specification</td>
<td>30,000 - Output Capacity 100,000 - Output Yield</td>
<td>135 lbs.</td>
<td>Per Customer Specification</td>
<td>Optional</td>
<td>SAE “A” Mount 2 Bolt, Keyed or Splined</td>
</tr>
<tr>
<td>AT 5200</td>
<td>5.17” Center Distance</td>
<td>25:1, 30:1, 44:1, 50:1 or per Customer Specification</td>
<td>45,000 - Output Capacity 150,000 - Output Yield</td>
<td>173 lbs.</td>
<td>Per Customer Specification</td>
<td>Optional</td>
<td>SAE “A” Mount 2 Bolt, Keyed or Splined</td>
</tr>
</tbody>
</table>

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