Right Angle Drives

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Weight of Unit</th>
<th>CL to Thru Cap A</th>
<th>CL to Flange B</th>
<th>Flange to Hub Pilot C</th>
<th>Hub Pilot Diameter H</th>
<th>Flange Diameter D1</th>
<th>Bolt Hole Pattern E1</th>
<th>Mounting Holes F1</th>
<th>Flange Square Size D2</th>
<th>Bolt Hole Pattern E2</th>
<th>Mounting Holes F2</th>
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</thead>
<tbody>
<tr>
<td>RCD-90</td>
<td>80 36</td>
<td>40 7.7 196</td>
<td>12.4 315</td>
<td>5.9 150</td>
<td>8.7 220</td>
<td>7.7 196</td>
<td>(4) 18mm thru</td>
<td>(4) 18mm thru</td>
<td>(4) 3/4&quot;-10UNC-2B</td>
<td>(4) 3/4&quot;-10UNC-2B</td>
<td>6.0 152.4</td>
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<tr>
<td>RCD-101</td>
<td>131 59</td>
<td>40 8.3 210</td>
<td>20.5 520</td>
<td>5.7 144</td>
<td>5.7 144</td>
<td>5.7 144</td>
<td>(4) 3/4&quot;-10UNC-2B</td>
<td>(4) 3/4&quot;-10UNC-2B</td>
<td>6.0 203.2</td>
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</table>
Physical Dimensions

Divider Drives-60°

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Weight of Unit</th>
<th>Shaft Angle A</th>
<th>CL to Flange B</th>
<th>Flange to Hub Pilot C</th>
<th>Hub Pilot Diameter D</th>
<th>Flange Diameter H</th>
<th>Bolt Hole Pattern E</th>
<th>Mounting Holes F</th>
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</thead>
<tbody>
<tr>
<td>RC-110</td>
<td>140 lb 64 kg 60° 7.2 183</td>
<td>6.1 156</td>
<td>2.5 64</td>
<td>9.6 245</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
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<td></td>
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<tr>
<td>RC-110Y</td>
<td>110 lb 60 kg 60° 7.2 183</td>
<td>6.1 156</td>
<td>2.5 64</td>
<td>9.6 245</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
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</tbody>
</table>

Custom shafts, oil ports and mounting hole positions available. Contact Omni Gear for details.

Divider Drives- Base Mount 90°

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum Weight of Unit</th>
<th>CL to Thru Cap A</th>
<th>CL to Thru Cap B</th>
<th>CL to Flange C</th>
<th>Flange to Hub Pilot D</th>
<th>Hub Pilot Diameter D</th>
<th>Bolt Hole Pattern E</th>
<th>Mounting Holes F</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC-65TL</td>
<td>88 lb 40 kg 6.5 164</td>
<td>4.3 110</td>
<td>7.2 183</td>
<td>3.5 88.9</td>
<td>2.5 63.5</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
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</tr>
<tr>
<td>RC-65TLO</td>
<td>88 lb 40 kg 6.5 164</td>
<td>4.3 110</td>
<td>7.2 183</td>
<td>3.5 88.9</td>
<td>2.5 63.5</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
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</tr>
<tr>
<td>RC-91TL</td>
<td>200 lb 91 kg 4.6 116</td>
<td>7.5 191</td>
<td>10.9 278</td>
<td>3.5 88.9</td>
<td>2.5 63.5</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
<td></td>
</tr>
<tr>
<td>RC-91TLO</td>
<td>200 lb 91 kg 4.6 116</td>
<td>7.5 191</td>
<td>10.9 278</td>
<td>3.5 88.9</td>
<td>2.5 63.5</td>
<td>8.0 203</td>
<td>(4) 0.787 (4) 20.0</td>
<td></td>
</tr>
<tr>
<td>RC-130T</td>
<td>125 lb 57 kg 8.1 206</td>
<td>6.1 155</td>
<td>7.1 180</td>
<td>-</td>
<td>-</td>
<td>8.0 203</td>
<td>(6) 0.807 (6) 20.5</td>
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<tr>
<td>RC-130TL</td>
<td>176 lb 80 kg 8.1 206</td>
<td>6.1 155</td>
<td>7.1 180</td>
<td>7.2 184.0</td>
<td>3.78 96.0</td>
<td>8.0 203</td>
<td>(6) 0.807 (6) 20.5</td>
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</tr>
<tr>
<td>RC-130TLO</td>
<td>173 lb 79 kg 8.1 206</td>
<td>6.1 155</td>
<td>7.1 180</td>
<td>7.2 184.0</td>
<td>3.78 96.0</td>
<td>8.0 203</td>
<td>(6) 0.807 (6) 20.5</td>
<td></td>
</tr>
<tr>
<td>RC-130TS</td>
<td>165 lb 75 kg 8.1 206</td>
<td>6.1 155</td>
<td>7.1 180</td>
<td>4.0 102.0</td>
<td>2.87 73.0</td>
<td>8.0 203</td>
<td>(6) 0.807 (6) 20.5</td>
<td></td>
</tr>
<tr>
<td>RC-130TSO</td>
<td>162 lb 74 kg 8.1 206</td>
<td>6.1 155</td>
<td>7.1 180</td>
<td>4.0 102.0</td>
<td>2.87 73.0</td>
<td>8.0 203</td>
<td>(6) 0.807 (6) 20.5</td>
<td></td>
</tr>
</tbody>
</table>

Custom shafts, oil ports and mounting hole positions available. Contact Omni Gear for details.

Configuration Options
Seals
Ductile iron is standard. Other options include Viton seals and cartridge type seals.

Spline Gearfit
Splined gear to shaft connection is standard.

Shaft Extensions
Shaft extensions can be splined, keyed, or with pin holes. Multiple shaft extension units also available.

End Caps
Precision cast iron caps standard.

Pressure Relief Plug
Pressure relief plug standard. Optional oil level available.

Clutch
Free wheel clutch optional.

Gearing
Forged blank, precision machine cut gearing is standard. Precision forged straight bevel, spiral bevel and lapped spiral bevel gearing also available.

Lubrication
Units can be filled with mineral or synthetic oil/greases according to application requirements. Gearcase porting for oil flow to lower bearings standard.

Coatings
Red Oxide primer standard. Other coatings are available.

Shafts
Carburized alloy steel shafts standard.

Bearings
Roller bearings standard in light duty units. ISO tapered bearings standard in larger units.

Blade Hubs
Blade hubs available. Seal protector hubs also available.

Labyrinths
Output seal labyrinths available for extra seal protection.
Dear Valued Customer:

**Standard Terms and Conditions of Sale**

The following letter serves to define Omni Gear’s Warranty policy effective January 1, 2006. Omni Gear warrants its Products to be free defects in materials and workmanship when installed and maintained consistent with Omni Gear’s specifications. Unless otherwise specified below, each Product is warranted for a period of 12 months from the date of retail delivery or 18 months from the date of shipment from Omni Gear’s facility, whichever shall first occur. All replacement or spare parts supplied by Omni Gear are warranted for a period of 3 months from the date of shipment from Omni Gear’s Facility.

Should any part of an Omni Gear Product be found, under normal use and service, during the warranty period, to be defective, Omni Gear shall repair or replace, at its sole option, said part FOB Omni Gear’s facility, Houston, Texas, provided the defective gear drive, in whole, is returned to Omni Gear’s facility, charges prepaid, accompanied by a Return Goods Authorization Number (“RGA”) and defect report detailing the claimed defect, and provided inspection of the original Product establishes the claimed defect to the satisfaction of Omni Gear. In the event a warranty claim is denied, an Omni Gear Customer Service representative shall contact the customer and advise of the cost to repair the Product not covered under warranty. If the customer requests the Product be repaired, the repaired Product shall carry a Manufacturer’s Remanufactured Warranty of 6 months from the date of remanufacture.

**Warranty Disclaimer and Limitations of Liability**

Omni Gear makes no other warranties. No warranty of merchantability or fitness for a particular purpose is implied. Omni Gear’s liability under this warranty is limited to the conditions stated herein. OMNI GEAR SHALL NOT IN ANY EVENT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE including, but not limited to expenses, attorney fees, loss of income or profits due to delay or defective material or workmanship and no allowance will be made for repairs, replacements, transportation or freight charges, or alterations UNLESS authorized in writing by Omni Gear. Omni Gear’s warranty is subject to change without notice.

Omni Gear. Omni Gear’s warranty is subject to change without notice. This warranty shall not apply to any Product upon which repairs or alterations have been made, improper lubrication including type and frequency, excessive shock loading, improper application or for misused, neglected or incorrectly installed Product. This warranty shall not apply in the event proper gearbox lubrication and service is not maintained.

All gearbox Product lubrication must be flushed and refilled after the first 100 hours of service, and then every 1000 hours thereafter. This warranty shall not apply to seals in the event they have been subjected to heat in excess of 200 degrees, paint, solvents or other chemicals in the assembly or painting processes. Any Omni Gear Product that remains unused for a period of 6 consecutive months during the warranty period shall not be warranted for leakage due to seal aging. The warranty for bearings shall be limited to the warranty provided by the bearing manufacturer. No Product will be eligible for warranty if rust or corrosion has started on internal surfaces.

The terms and conditions set forth herein, together with any amendments, modifications and any different terms or conditions expressly accepted by Omni Gear in writing, shall constitute the entire Agreement concerning the Product sold, and there are no oral or other representations or agreements which pertain thereto. This Agreement shall be governed in all respects by the law of the State of Texas. Legal proceedings arising out of the terms of Omni Gear’s warranty must be commenced within one (1) year of the accrual of the cause of action or be forever barred.

Note: The information shown online and in all catalogs is for general purposes only. Not to be used for manufacture, design or application review. OMNI GEAR reserves the right to update or change its products; therefore the information shown is subject to change. Bearing curves are supplied for design reference purposes only. They are intended to help illustrate the importance of radial load position relative to the gearbox. For detailed analysis or application review, contact OMNI GEAR engineering.

**Exceptions**

Exceptions to Omni Gear’s stated Warranty Policy must be in writing, and made a part of this Limited Warranty. Customer Product Group Limited Warranty Effective Date