Crown Gear Drives

**Installation Instructions**

**Tools Required**
- Rachet and socket set
- Box wrench set
- Hex key allen wrench set

**Installation**
- Crown Gear Drives are shipped filled with grease.
- Confirm shaft rotations are correct for proper operation of equipment. A Three-Way Crown Gear Drive is symmetrical and can be flipped over to reverse the relative rotation of shafts #2/#3.
- Maximum rotational speed of any shaft is 2000 RPM. If shaft #2/#3 is selected as the input shaft in a 2:1 ratio model, it can turn a maximum of 1000 RPM.
- Check your load requirements and refer to the catalog for Crown Gear Drive ratings.
- Crown Gear Drives can be installed in any mounting orientation without concern for lubrication changes.

**Lubrication**
- Crown Drives are shipped filled with the correct amount of grease. If necessary to relubricate, use table below for amounts and DO NOT overfill Crown Gear Drive with grease.
  - Standard Crown Drives: use Beacon 325, or equivalent.
  - IP65-Rated Crown Drives: use Mobil Food-Grade Grease, FM222, or equivalent.

<table>
<thead>
<tr>
<th>Models With Shaft Diameters As Listed Below</th>
<th>Grams</th>
<th>Ounces</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; dia</td>
<td>11</td>
<td>0.4 oz</td>
</tr>
<tr>
<td>1/2&quot; dia</td>
<td>22</td>
<td>0.8 oz</td>
</tr>
<tr>
<td>5/8&quot; dia</td>
<td>34</td>
<td>1.2 oz</td>
</tr>
<tr>
<td>3/4&quot; dia</td>
<td>46</td>
<td>1.6 oz</td>
</tr>
<tr>
<td>1&quot; dia</td>
<td>238</td>
<td>8.4 oz</td>
</tr>
</tbody>
</table>

**Weight of Lubricant (Approx.)**

**CAUTION:** ROTATING EQUIPMENT IS POTENTIALLY DANGEROUS AND SHOULD BE PROPERLY GUARDED. IT IS THE RESPONSIBILITY OF THE MACHINE BUILDER, USER, OR OPERATOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND PROVIDE A SUITABLE GUARD. MAKE SURE THE MACHINE IS "LOCKED OUT" AND CANNOT BE ACCIDENTALLY STARTED DURING INSTALLATION OR MAINTENANCE OF CROWN DRIVE.

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*See catalog for dimensions*