OVERRUNNING CLUTCHES
MAGNA TORQUE (MT) FOR BACKSTOPPING & INDEXING

Hilliard’s line of overrunning clutches is economically priced and ideally suited for backstopping and gearbox applications. Custom designs and rapid prototyping are available.

INDEXING
The overrunning clutch can be used for ratchet-type operations such as packaging equipment and printing presses.

BACKSTOPPING APPLICATIONS
When used in conjunction with a torque arm to hold the output shaft, Hilliard overrunning clutches provide instant protection with zero backlash from reversed rotation whenever power to the conveyor’s drive unit is interrupted.

GEAR BOX MOUNTING OPTIONS
Typical gear box application allowing for internal or external mounting.
1. Mounted as internal backstop
2. Mounted on intermediate shaft as an internal backstop
3. Mounted as an external backstop

SPECIFICATIONS/SIZE RANGE

<table>
<thead>
<tr>
<th>Size</th>
<th>Torque (Lb-Ft)</th>
<th>Torque (Nm)</th>
<th>Bore (in.)</th>
<th>Bore (mm)</th>
<th>O.D. (in.)</th>
<th>O.D. (mm)</th>
<th>Length (in.)</th>
<th>Length (mm)</th>
<th>Max. Speed RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smallest</td>
<td>MT-60A</td>
<td>60</td>
<td>80</td>
<td>1/4</td>
<td>(6.3)</td>
<td>(163.5)</td>
<td>2-1/2</td>
<td>15</td>
<td>2-1/8</td>
</tr>
<tr>
<td>Largest</td>
<td>MT-32000A</td>
<td>43,600</td>
<td>59,100</td>
<td>6-7/16</td>
<td>(163.5)</td>
<td>(381)</td>
<td>2-1/8</td>
<td>7</td>
<td>775</td>
</tr>
</tbody>
</table>

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