**CENTRIFUGAL CLUTCHES**

**HILLIARD INDUSTRIAL CENTRIFUGAL CLUTCHES**

**Improved starting conditions. Smooth acceleration.**

- Slip-free at rated load and speed
- Protects against overload by limiting torque
- Absorbs shock, eliminates torsional resonance
- Soft transmission of power
- P.T.O. drives
- Load free starting

The Hilliard centrifugal clutch provides automatic, gradual, cushioned engagement over a speed range on high-inertia loads. It smooths out and reduces starting current surge.

**BLOWER OR FAN DRIVE**

Frees motor from load at start. Reduces inrush current to permit across-the-line starting. Provides smooth acceleration of high inertia drives. Serves as a flexible coupling.

**MILL OR KILN DRIVE**


**CONVEYOR DRIVE**

Provides a smooth start. Eliminates dumping or displacing of material being conveyed. Provides overload protection against jams. Eliminates costly starting equipment. Softens shock loading on gears. Eliminates the need for an additional coupling.

**SPEED LIMITER**

Centrifugal clutch mechanism provides a safe, constant velocity for heavy loads that are gravity lowered.

**SPECIFICATIONS/SIZE RANGE**

<table>
<thead>
<tr>
<th>Size</th>
<th>Rating</th>
<th>Bore</th>
<th>O.D.</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HP</td>
<td>in.</td>
<td>mm</td>
<td>in.</td>
</tr>
<tr>
<td>Smallest</td>
<td>42</td>
<td>5/8</td>
<td>(15.9)</td>
<td>3-3/4</td>
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<tr>
<td>Largest</td>
<td>3012</td>
<td>8</td>
<td>(203.2)</td>
<td>(120.6)</td>
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<tr>
<td></td>
<td>fractional</td>
<td>(1,194)</td>
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<td>18-1/2</td>
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<tr>
<td></td>
<td>1,600 max</td>
<td></td>
<td>(838)</td>
<td>(90.5)</td>
</tr>
<tr>
<td></td>
<td>(203.2)</td>
<td></td>
<td></td>
<td>(470)</td>
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