TorqueSafe™ Coupling
Quick Connect Steam Coupling

The patent-pending TorqueSafe drive coupling is used to quickly and safely connect and disconnect rotary unions from fluid transfer lines without the use of tools. It can be used with steam and other fluids and can handle up to 20 ft-lb (27 Nm) of torque.

The TorqueSafe quick connect drive coupling features a full-flow passage and incorporates a locking mechanism to ensure safe connections are made. In addition, the stainless steel construction offers corrosion resistance and features one-hand disengagement. It can be used in a variety of applications where rapid removal and installation of rotating unions are required in fluid transfer lines, including those used to produce fiberglass reinforced composite structures and products. Connection sizes range from ⅜” to 1½”.

**Application Ratings**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Maximum Pressure</td>
<td>150 psig (10 bar)</td>
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<tr>
<td>Maximum Temperature</td>
<td>375° F (191° C)</td>
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<tr>
<td>Maximum Torque</td>
<td>20 ft-lbs (27 Nm)</td>
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<tr>
<td>Maximum Speed</td>
<td>200 RPM</td>
</tr>
<tr>
<td>Maximum Overhung Load</td>
<td>30 lbs (14 Kg)</td>
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</tbody>
</table>

**Features**
- Full-flow passage
- Locking mechanism
- Anti-rotated collar
- Stainless steel construction
- Wrench flats

**Benefits**
- No flow restriction
- Increased reliability and performance
- Facilitates disengagement
- Corrosion and erosion resistant
- Easy tightening, reduced maintenance

Dimensions are for reference only and subject to change.

www.kadant.com

Kadant is a global supplier of high-value, critical components and engineered systems used in process industries worldwide.

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