Hi-Flex Bellows Couplings are used for applications which require large amounts of shaft misalignment combined with low resultant radial loads on the bearings.

**INCH COMPONENT**

<table>
<thead>
<tr>
<th>Catalog Number (Ref.)</th>
<th>( Q_M ) Max. Torque</th>
<th>( P_M ) Max. Offset</th>
<th>( \Theta_M ) Max. Angle</th>
<th>( S ) Max. Axial</th>
<th>( F ) Side Force</th>
<th>( \Phi ) Torsional Def.</th>
<th>Spring rate lbf / in.</th>
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\( Q_M \) = Maximum rated instantaneous torque in ounce inches
\( P_M \) = Maximum permissible parallel misalignment
\( \Theta_M \) = Maximum permissible angular misalignment in degrees
\( S \) = Maximum permissible compression of the coupling (axial deflection) inches
\( F \) = Radial reaction force (side force) in ounces per .001° of parallel misalignment (average)
\( \Phi \) = Torsional deflection (twist) in seconds of arc per ounce inch of torque (average)