Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity $C_{\text{max}}$ (nominal)</td>
<td>500 pF</td>
</tr>
<tr>
<td>Capacity $C_{\text{min}}$ (nominal)</td>
<td>50 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test $U_{\text{pt}}$ / Peak Working $U_{\text{pw}}$)</td>
<td>40 kV / 24 kV</td>
</tr>
<tr>
<td>Capacity Tolerance (linear Range)</td>
<td>10%</td>
</tr>
<tr>
<td>Max. Current $I_{\text{max}}$ at 13.56 MHz with</td>
<td>300 Arms</td>
</tr>
<tr>
<td>Water Cooling</td>
<td>2 l/min</td>
</tr>
<tr>
<td>Self Inductance</td>
<td>$\leq 15$ nH</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>23.3 pF/turn</td>
</tr>
<tr>
<td>Torque</td>
<td>$\leq 0.8$ Nm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>6.5 kg</td>
</tr>
</tbody>
</table>

Technical information in Service Bulletin SB-52 must be considered.

Note: Technical information in Service Bulletin SB-52 must be considered.
Mechanical stop at < 50 pF at ~ -2.7 turns
Mechanical stop at > 500 pF at ~ 18.5 turns

<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.1</td>
<td>50.0</td>
<td>10%</td>
</tr>
<tr>
<td>0.0</td>
<td>73.1</td>
<td>0%</td>
</tr>
<tr>
<td>4.0</td>
<td>166.1</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>259.9</td>
<td>10%</td>
</tr>
<tr>
<td>12.0</td>
<td>353.7</td>
<td>10%</td>
</tr>
<tr>
<td>18.3</td>
<td>500.0</td>
<td>10%</td>
</tr>
</tbody>
</table>