### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity $C_{\text{max}}$ (nominal)</td>
<td>350 pF</td>
</tr>
<tr>
<td>Capacity $C_{\text{min}}$ (nominal)</td>
<td>20 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 Water Cooling</td>
<td>300 Arms / 2 l/min</td>
</tr>
<tr>
<td>Self Inductance</td>
<td>$\leq 15$ nH</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>23.9 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>

### Diagrams

- **VIEW T**
- **VIEW B**
- **VIEW S**

### Notes
- Reference point: 74.7 pF
- Imax for 2 l/min water cooling; max. water temp. at inlet: 70°C; fixed end has to be cooled with min. 50 W
- Fitting must be tightened max. torque: 2.5 Nm

### Technical Information
- Technical information in Service Bulletin SB-52 must be considered
- Page 1 / 2
- Issue: 18-Feb-2008
- Replaces: 14-Jun-2007
Mechanical stop at < 20 pF at ~ -9.3 turns
Mechanical stop at > 350 pF at ~ 11.8 turns

Turns | Nominal Capacitance [pF] | Tolerance
--- | --- | ---
-4.6 | 20.0 | 10%
-3.0 | 27.4 | 10%
-2.0 | 36.6 | 10%
-1.0 | 52.8 | 10%
0.0 | 74.7 | 0%
5.0 | 194.1 | 10%
10.0 | 313.8 | 10%
11.5 | 350.0 | 10%

Note: Technical information in Service Bulletin SB-52 must be considered