### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity ( C_{\text{max}} ) (nominal)</td>
<td>2500 pF</td>
</tr>
<tr>
<td>Capacity ( C_{\text{min}} ) (nominal)</td>
<td>200 pF</td>
</tr>
<tr>
<td>Voltage (Peak Test ( U_{\text{pt}} ) / Peak Working ( U_{\text{pw}} ))</td>
<td>15 kV / 9 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</td>
</tr>
<tr>
<td>Self Inductance</td>
<td>( \leq 15 ) nH</td>
</tr>
<tr>
<td>Capacitance per turn</td>
<td>125.7 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

1. **Perspective View T**: Shows the dimensions and fitting requirements for the capacitor.
2. **Perspective View B**: Provides detailed dimensions and fitting details for the capacitor.
3. **Perspective View S**: Offers a side view of the capacitor with specific measurements.

### Notes

- Capacitance \( C_{\text{max}} \) of 2500 pF.
- Frequency \( f \) vs. \( I_{\text{max}} \) graph for different capacitances (1000 pF, 2000 pF, 2500 pF).
- \( I_{\text{max}} \) for 2 l/min water cooling; max. water temp. at inlet: 70°C; fixed end has to be cooled with min. 50 W.

### Additional Information

- Technical information in Service Bulletin SB-52 must be considered.
<table>
<thead>
<tr>
<th>Turns</th>
<th>Nominal Capacitance [pF]</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>200.0</td>
<td>0%</td>
</tr>
<tr>
<td>4.0</td>
<td>700.6</td>
<td>10%</td>
</tr>
<tr>
<td>8.0</td>
<td>1203.3</td>
<td>10%</td>
</tr>
<tr>
<td>12.0</td>
<td>1708.0</td>
<td>10%</td>
</tr>
<tr>
<td>16.0</td>
<td>2211.8</td>
<td>10%</td>
</tr>
<tr>
<td>18.3</td>
<td>2500.0</td>
<td>10%</td>
</tr>
</tbody>
</table>

Mechanical stop at < 200 pF at ~ 2.8 turns
Mechanical stop at > 2500 pF at ~ 18.5 turns