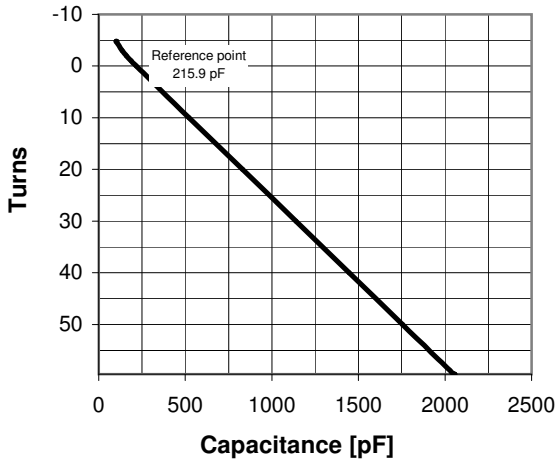
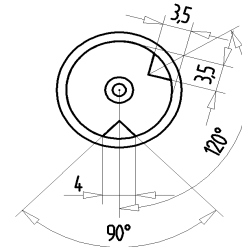


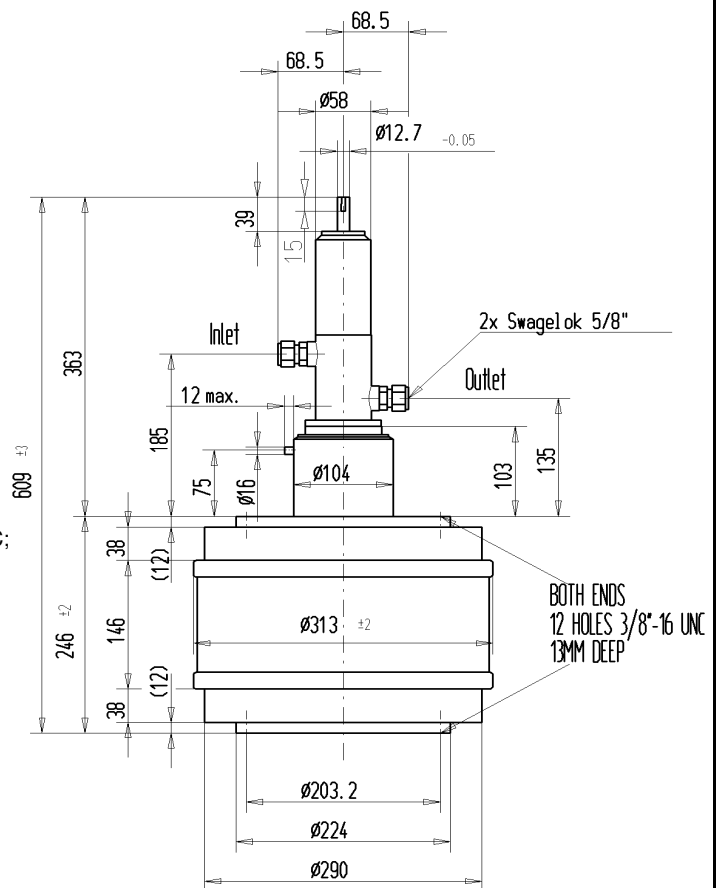
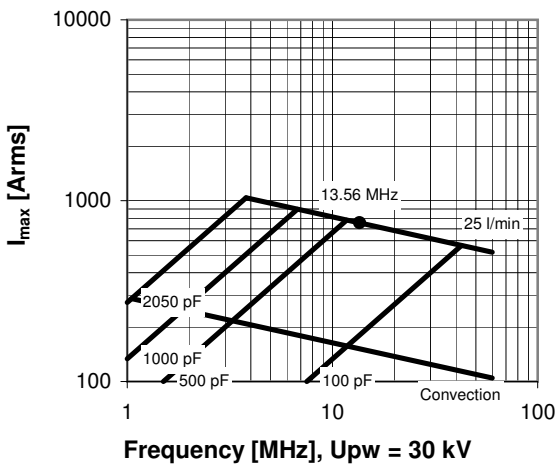
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Specifications	
Capacity C_{max} (nominal)	2050 pF
Capacity C_{min} (nominal)	100 pF
Voltage (Peak Test U_{pt} / Peak Working U_{pw})	50 kV / 30 kV
Capacity Tolerance (linear Range)	10%
Max. Current I_{max} at 13.56 MHz with	753 Arms
Water Cooling	25 l/min
Self Inductance	≤ 40 nH
Capacitance per turn	30.8 pF/turn
Torque	≤ 1.05 Nm
Net Weight	46.5 kg
Mounting Flange (optional)	214-005

Top View Screw-Shaft



I_{max} for 25 l/min water cooling; max. water temp. at inlet: 70°C;
fixed end has to be cooled with min. 50 W



Subject to change without prior notice

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

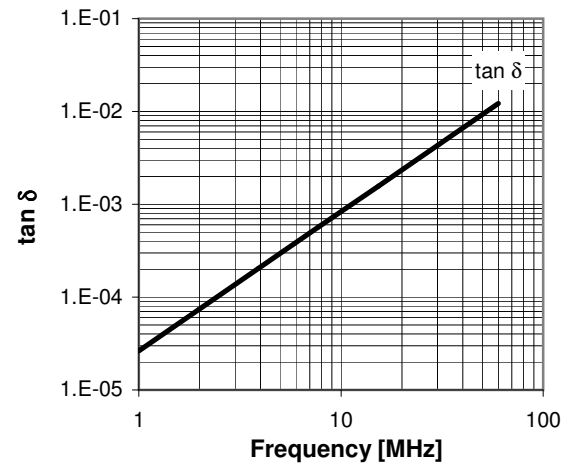
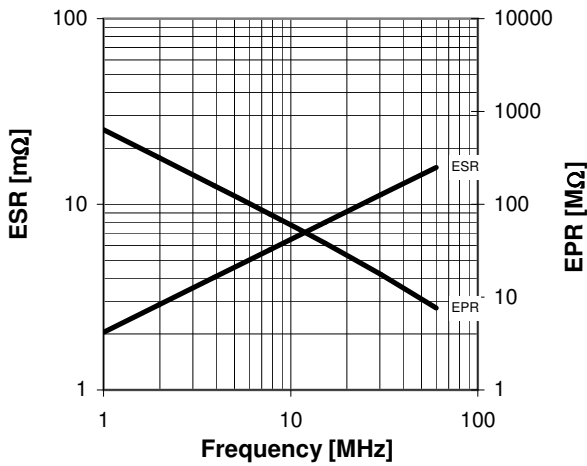
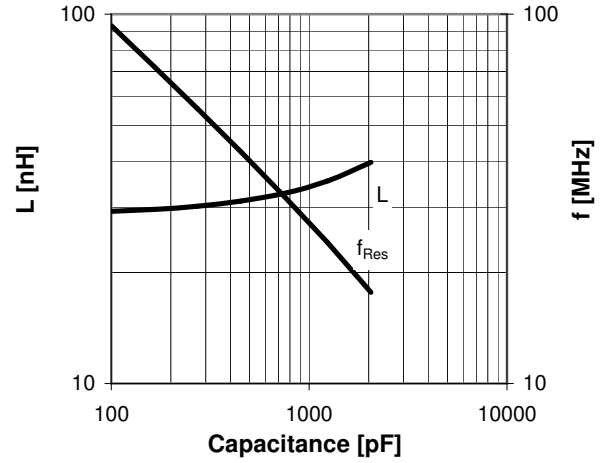
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Turns	Nominal Capacitance [pF]	Tolerance
-4.8	100.0	10%
-3.0	134.2	10%
-2.0	159.0	10%
-1.0	186.8	10%
0.0	215.9	0%
10.0	521.8	10%
20.0	830.0	10%
30.0	1138.2	10%
40.0	1446.4	10%
50.0	1754.7	10%
59.6	2050.0	10%

Mechanical stop at < 100 pF at ~ -6.9 turns
Mechanical stop at > 2050 pF at ~ 60 turns

Self inductance and resonance frequency



Special Features:

Turbulence Cooling

Subject to change without prior notice

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

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