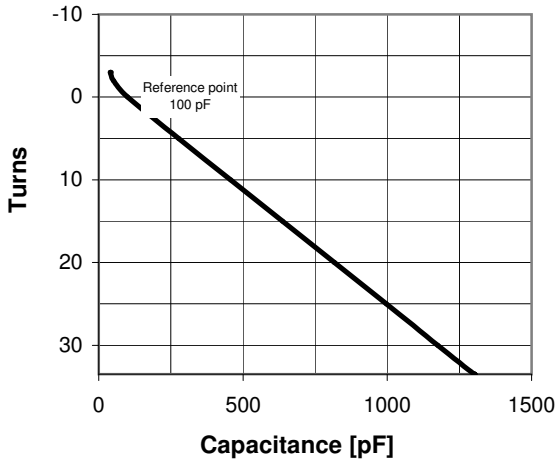
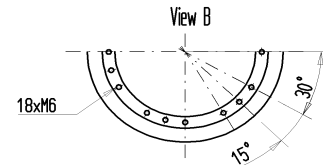


CVLA-1300AW/50-ABE-HN

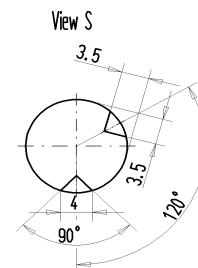
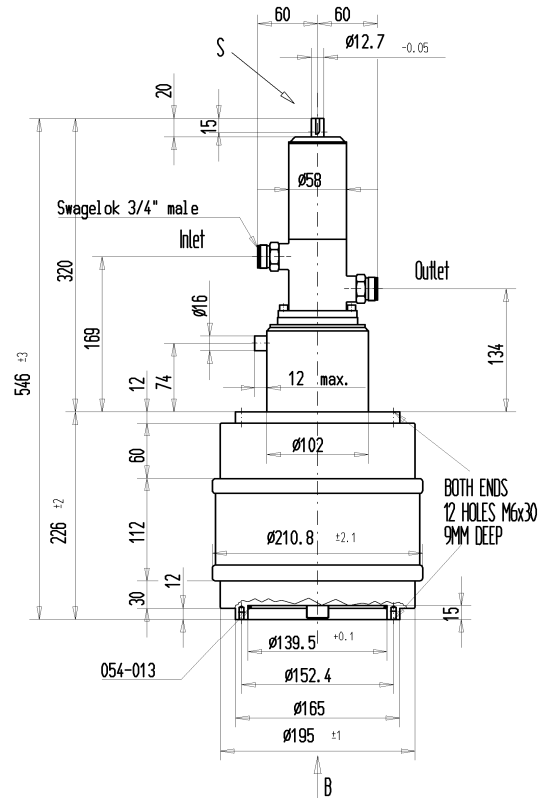
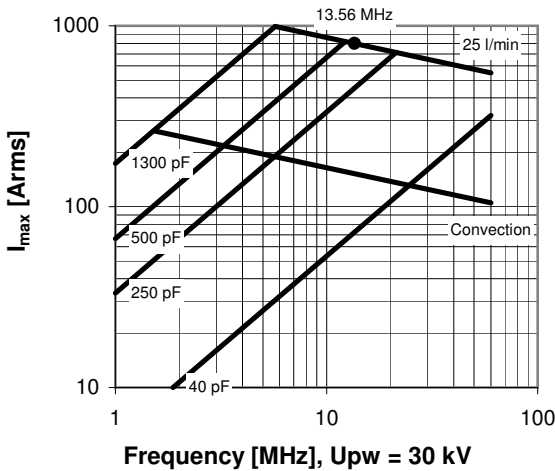
Old Type Designation: CV3W-1300FB

Specifications

Capacity C_{max} (nominal)	1300 pF
Capacity C_{min} (nominal)	40 pF
Voltage (Peak Test U_{pt} / Peak Working U_{pw})	50 kV / 30 kV
Capacity Tolerance (linear Range)	2%
Max. Current I_{max} at 13.56 MHz with	797 Arms
Water Cooling	25 l/min
Self Inductance	≤ 34 nH
Capacitance per turn	35.8 pF/turn
Torque	≤ 1.5 Nm
Net Weight	19 kg



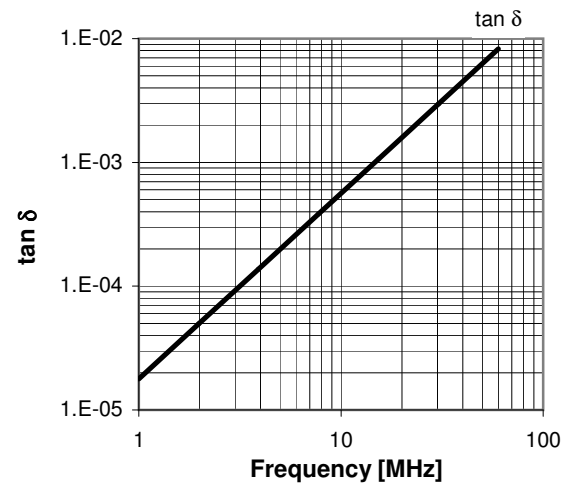
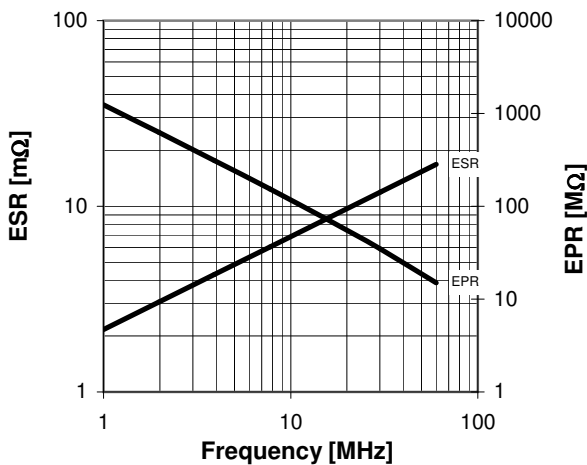
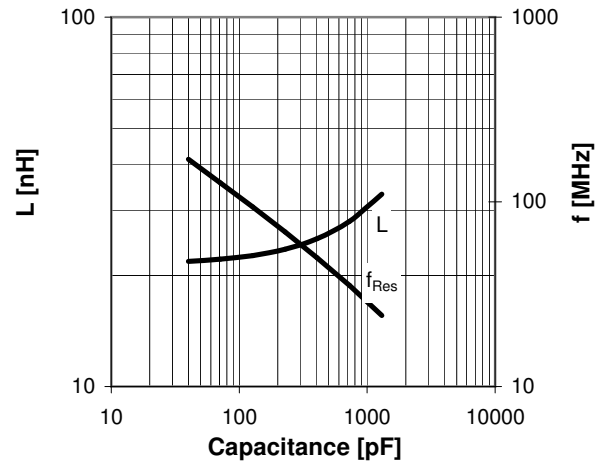
I_{max} for 25 l/min water cooling; max. water temp. at inlet: 70°C;
fixed end has to be cooled with min. 50 W



Turns	Nominal Capacitance [pF]	Tolerance
-3.0	40.0	2pF
-2.0	50.8	2pF
0.0	100.0	0%
5.0	277.6	2%
10.0	457.2	2%
15.0	636.7	2%
20.0	816.2	2%
25.0	995.8	2%
30.0	1175.3	2%
33.5	1300.0	2%

Mechanical stop at < 40 pF at ~ -4.1 turns
Mechanical stop at > 1300 pF at ~ 33.8 turns

Self inductance and resonance frequency



Special Features:

Special C-Curve / Special Capacity Tolerance,
Turbulence Cooling