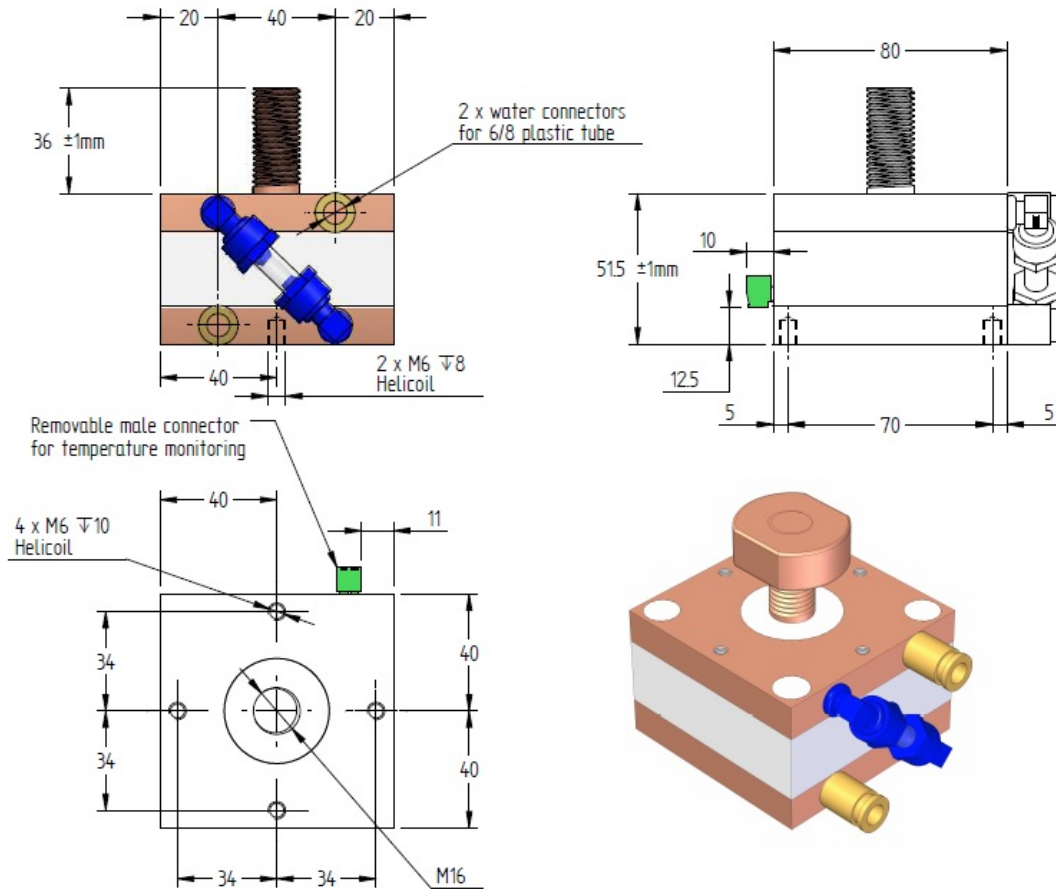


C-CAP 01

Water-cooled capacitor



Technology Patented Worldwide



C-Cap is a new innovative capacitor that was developed by Celem. It is protected by US Patent 9799454 and US Patent 9865398.

- Temperature switch: Normally Closed, 24V, 1A, recommended wire size 16-28AWG. Opens at 55°C.
- Mounting: Recommended torque for M16: 8-10 Nm, recommended torque for M6: 5Nm. Celem can supply designated bus-bars.
- Cooling: Maximal inlet pressure 6 Bar, maximal outlet temperature: 45°C. It is possible to get 4 straight water connectors.

For additional information please see technical notes at www.celem.com.

Specifications

Type		C-CAP 01						
Dimensions (L x W x H)	mm	80 x 80 x 51.5						
Weight	kg	1.5						
Capacitance (±10%)	µF	0.36µF	0.75µF	1.3µF	2.3µF	4µF	5.8µF	9.5µF
Sinusoidal Voltage	V _{rms}	900		800	700	650	550	500
Peak_Voltage	V	1273		1131	990	919	778	707
Max. Current	A _{rms}	1000	1200	1400	1800	2000	2200	2400
Max. Power	kVA _r	900						
Freq Range @ Half Power	kHz	273-885	131-611	96-480	71-449	47-318	45-266	34-193
Freq Range @ Full Power	kHz	491-491	236-340	172-267	127-249	85-177	82-148	60-107

Celem Power Capacitors

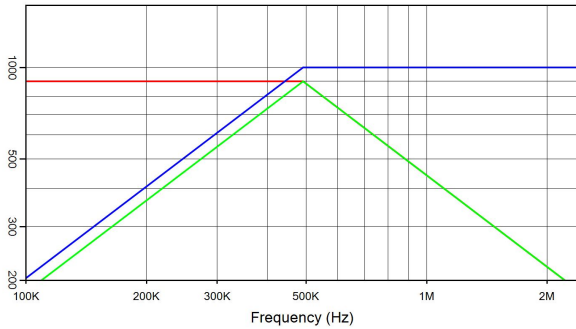
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C-CAP 01

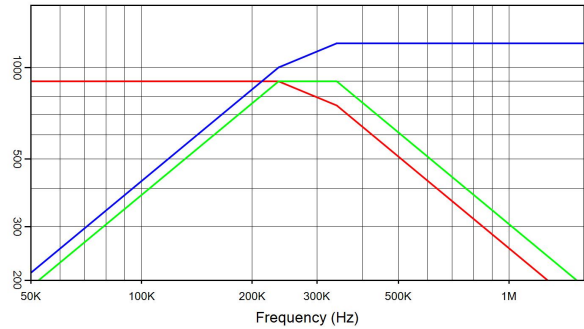
Water-cooled capacitor



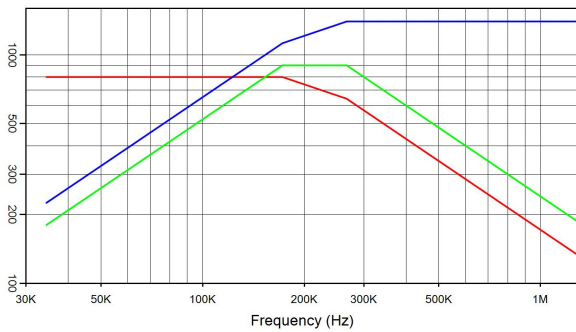
Technology Patented Worldwide



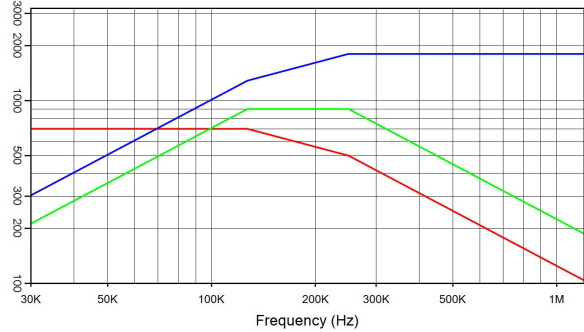
C-CAP 01 0.36 µF 900 V_{rms} 1000 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



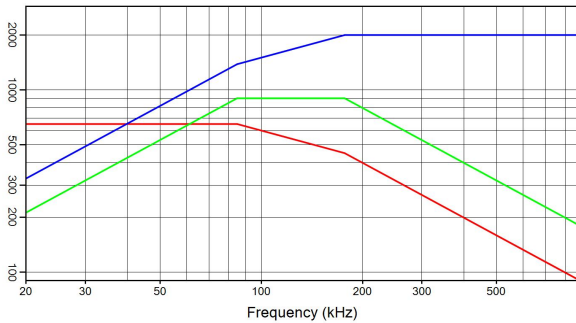
C-CAP 01 0.75 µF 900 V_{rms} 1200 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



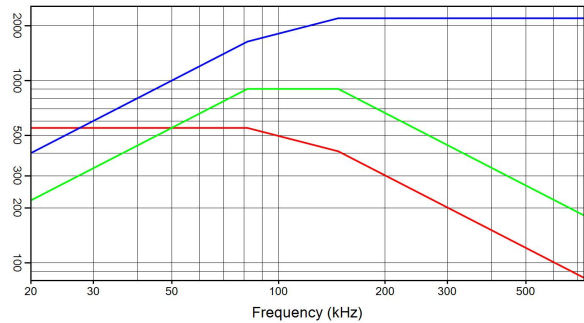
C-CAP 01 1.3 µF 800 V_{rms} 1400 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



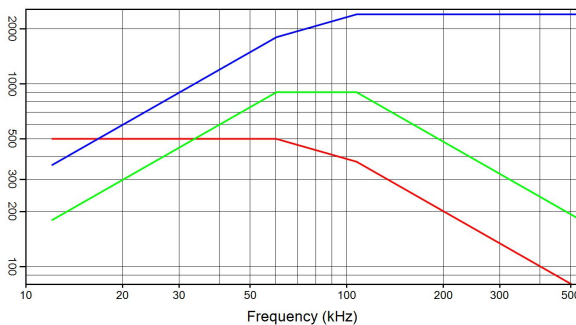
C-CAP 01 2.3 µF 700 V_{rms} 1800 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 01 4 µF 650 V_{rms} 2000 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 01 5.8 µF 550 V_{rms} 2200 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 01 9.5 µF 500 V_{rms} 2400 A_{rms} 900 kVA_r
I(A) — Q(kVA_r) — V_{rms}

Celem Power Capacitors