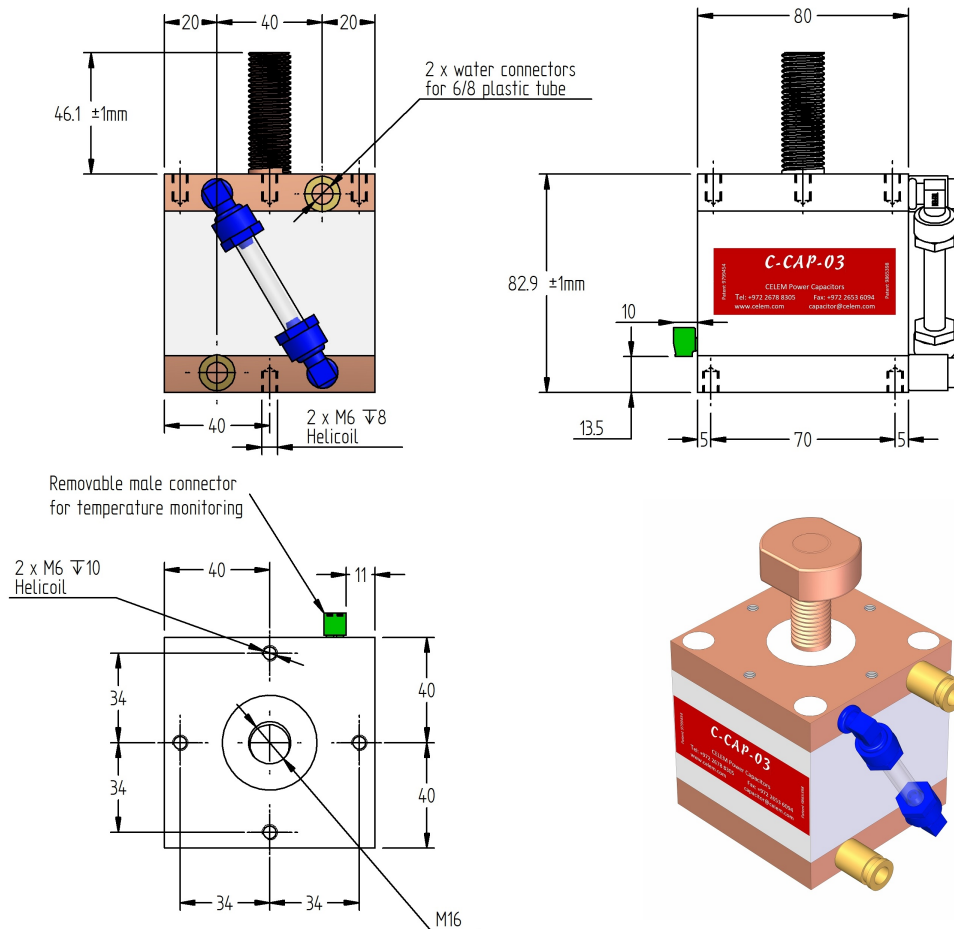


C-CAP 03

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 03						
Dimensions (L x W x H)	mm	80 x 80 x 82.9						
Weight	kg	2						
Capacitance (±10%)	μF	2μF	3.5μF	5μF	7μF	10μF	16μF	29μF
Sinusoidal Voltage	V _{rms}	900	800	750	700	650	550	500
Peak_Voltage	V	1273	1131	1061	990	919	778	707
Max. Current	A _{rms}	1000	1200	1300	1400	1500	1700	1900
Max. Power	kVA _r	800						
Freq Range @ Half Power	kHz	39-199	28-164	23-135	18.6-111	15.1-90	13.2-72	8.8-73
Freq Range @ Full Power	kHz	79-100	57-82	45-67	37-56	30-45	26-36	17.6-25

Celem Power Capacitors

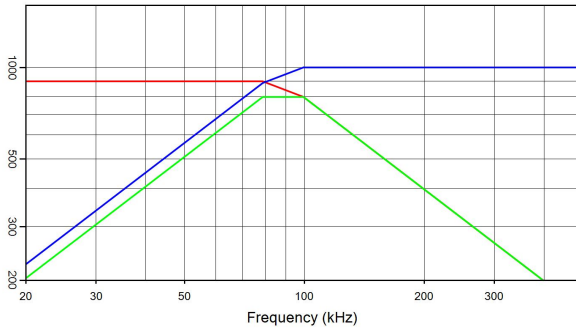
Produced: 03-02-2020

C-CAP 03

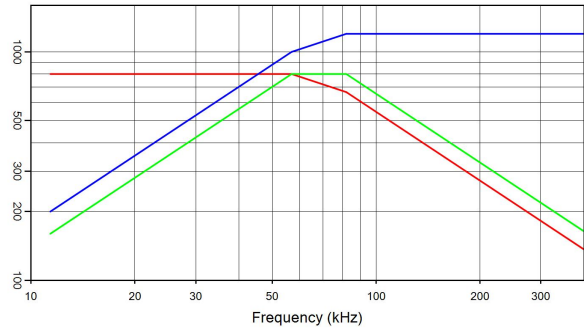
Water-cooled capacitor



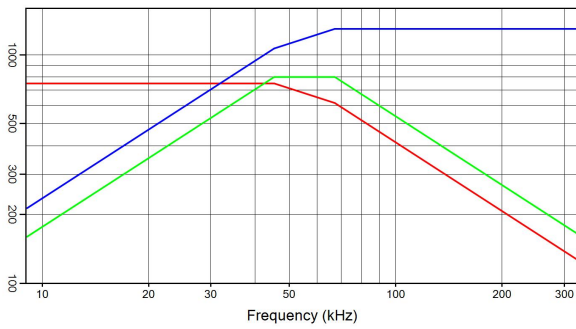
Technology Patented Worldwide



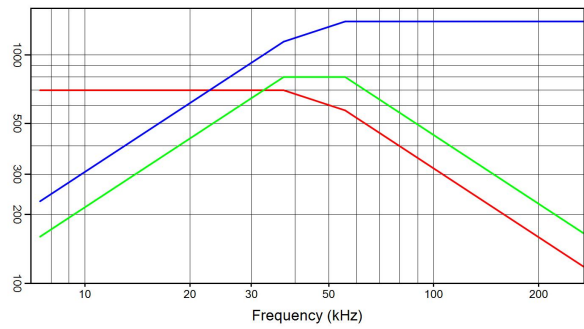
C-CAP 03 2 μF 900 V_{rms} 1000 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



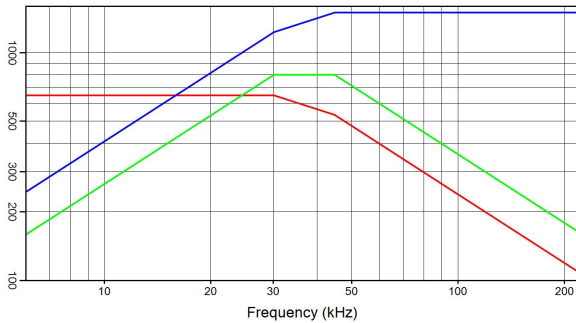
C-CAP 03 3.5 μF 800 V_{rms} 1200 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



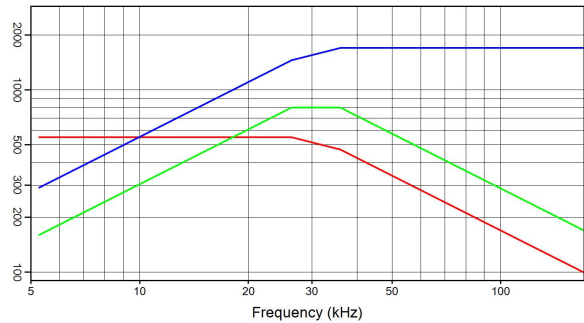
C-CAP 03 5 μF 750 V_{rms} 1300 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



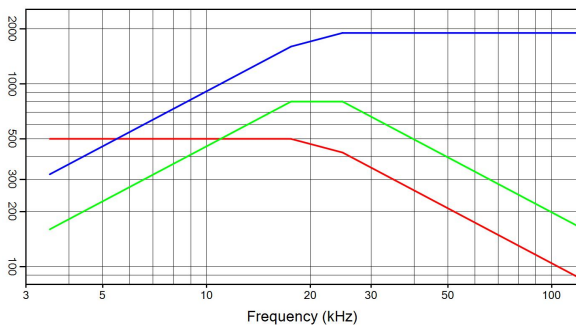
C-CAP 03 7 μF 700 V_{rms} 1400 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 03 10 μF 650 V_{rms} 1500 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 03 16 μF 550 V_{rms} 1700 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}



C-CAP 03 29 μF 500 V_{rms} 1900 A_{rms} 800 kVA_r
I(A) — Q(kVA_r) — V_{rms}

Celem Power Capacitors

Produced: 03-02-2020