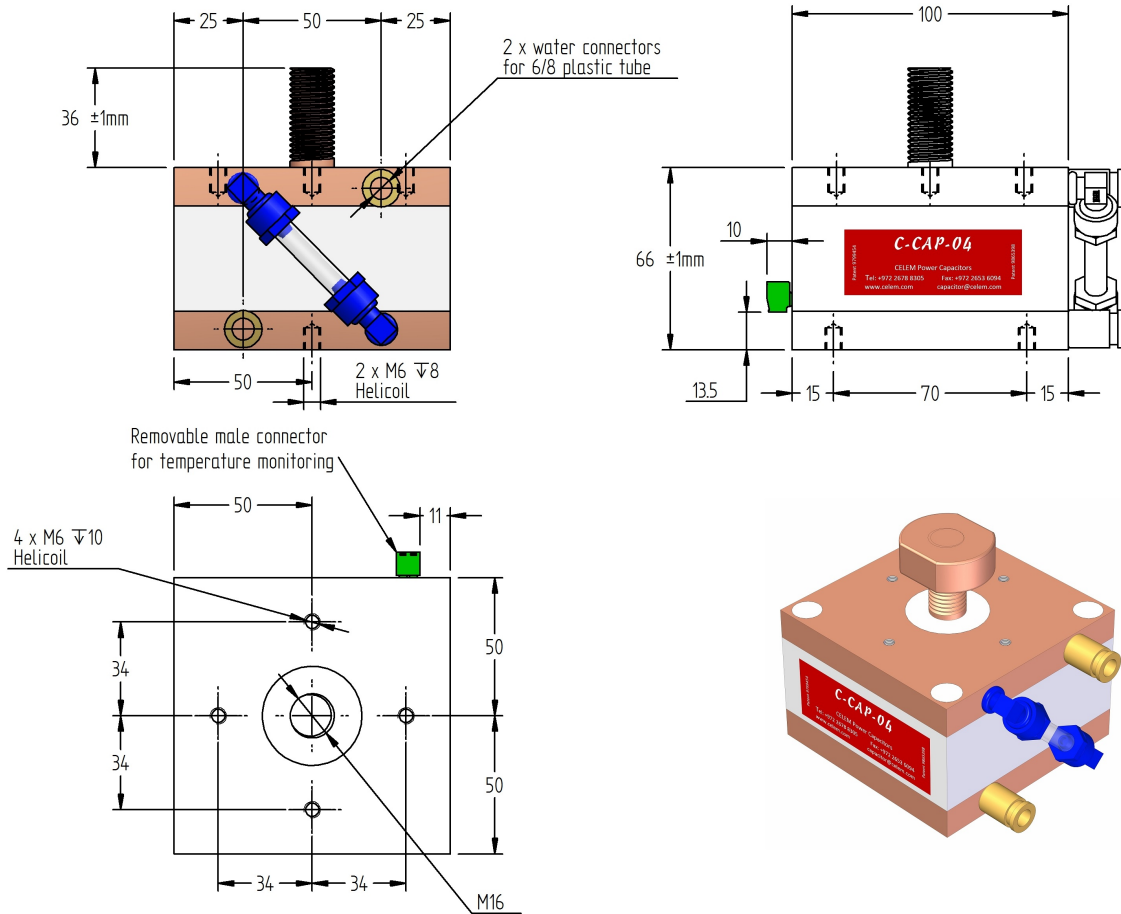


C-CAP 04

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 04						
Dimensions (L x W x H)	mm	100 x 100 x 66						
Weight	kg	2.5						
Capacitance (±10%)	µF	2.2µF	3.8µF	5.8µF	8µF	11.5µF	18.5µF	24µF
Sinusoidal Voltage	V _{rms}	900	800	700	650	550	500	
Peak_Voltage	V	1273	1131	990	919	778	707	
Max. Current	A _{rms}	1600	1900	2000	2100	2200	2400	
Max. Power	kVA _r	1200						
Freq Range @ Half Power	kHz	54-309	37-240	34-183	24-133	23-128	17.1-83	15.9-64
Freq Range @ Full Power	kHz	107-154	79-126	67-92	49-66	39-51	34-35	32-32

Celem Power Capacitors

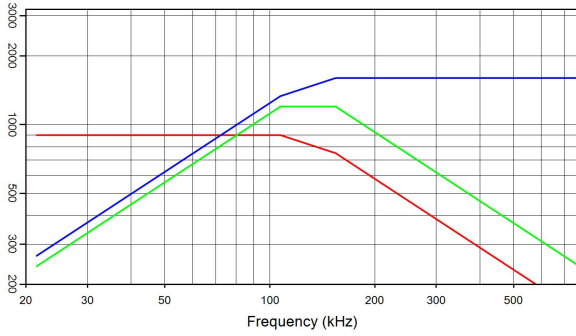
Produced: 03-02-2020

C-CAP 04

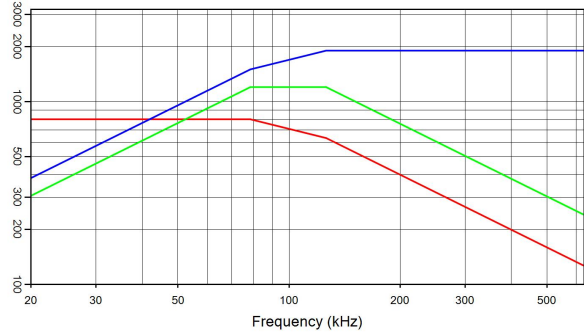
Water-cooled capacitor



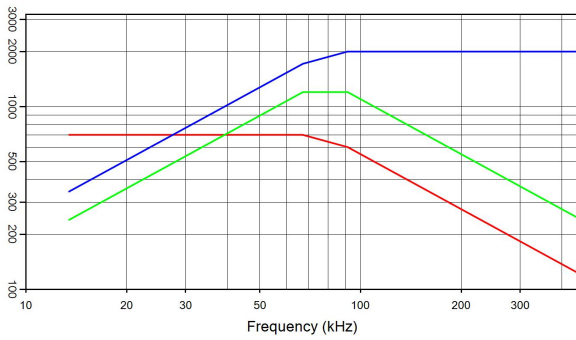
Technology Patented Worldwide



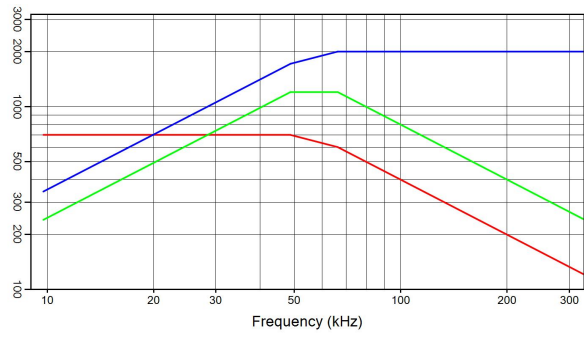
C-CAP 04 2.2 µF 900 V_{rms} 1600 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



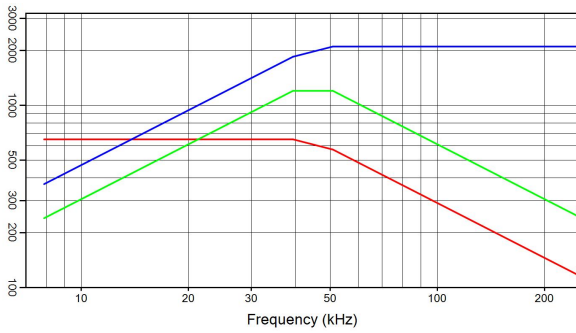
C-CAP 04 3.8 µF 800 V_{rms} 1900 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



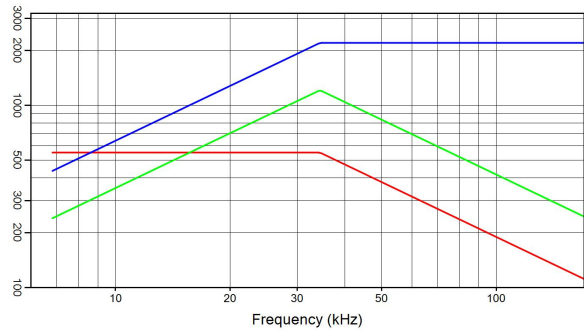
C-CAP 04 5.8 µF 700 V_{rms} 2000 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



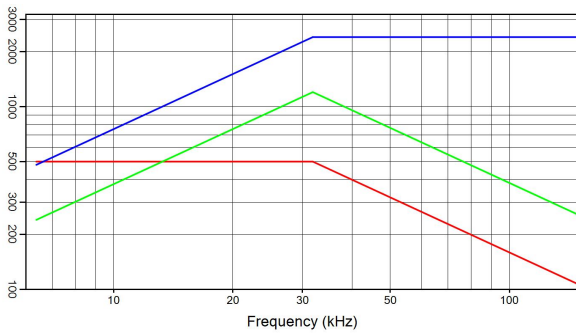
C-CAP 04 8 µF 700 V_{rms} 2000 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



C-CAP 04 11.5 µF 650 V_{rms} 2100 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



C-CAP 04 18.5 µF 550 V_{rms} 2200 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}



C-CAP 04 24 µF 500 V_{rms} 2400 A_{rms} 1200 kVA_r
I(A) — Q(kVA_r) — V_{rms} — V_{rms}

Celem Power Capacitors

Produced: 03-02-2020