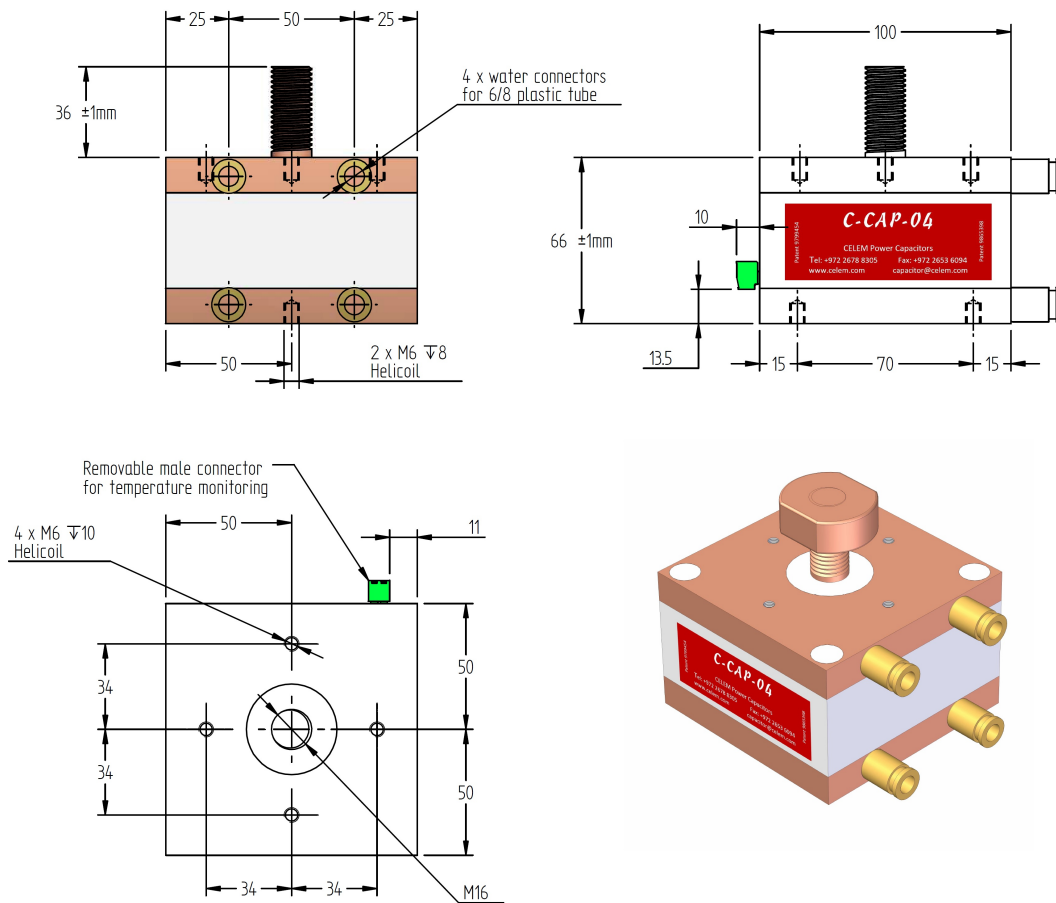


# C-CAP 04

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: 40°C.

For additional information please see technical notes at [www.celem.com](http://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 <sub>rms</sub>	900	800	700	650	550	500	
Peak_Voltage	V	1273	1131	990	919	778	707	
Max. Current	A <sub>rms</sub>	1600	1900	2000	2100	2200	2400	
Max. Power	kVA <sub>r</sub>	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**

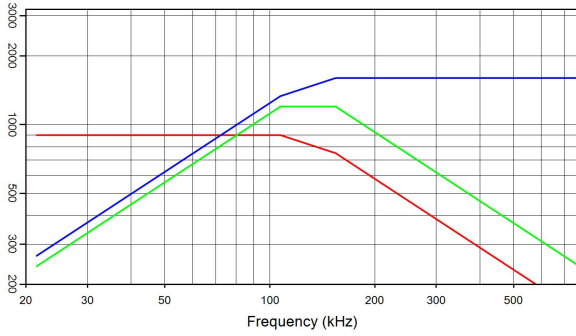
Produced: 12-08-2020

# C-CAP 04

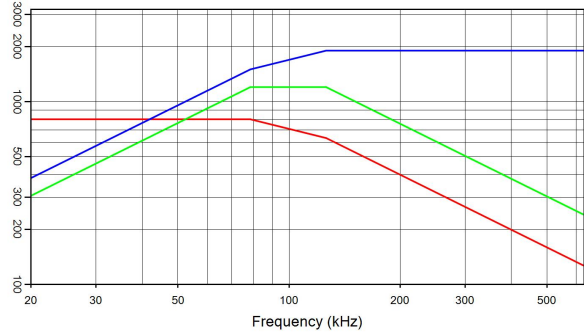
Water-cooled capacitor



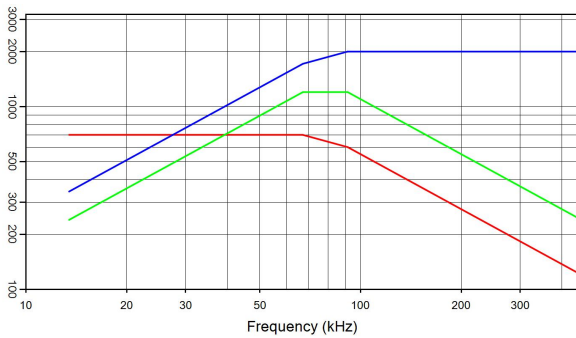
Technology Patented Worldwide



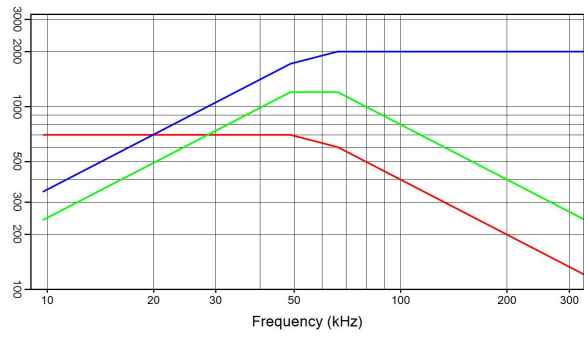
**C-CAP 04 2.2 µF 900 V<sub>rms</sub> 1600 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



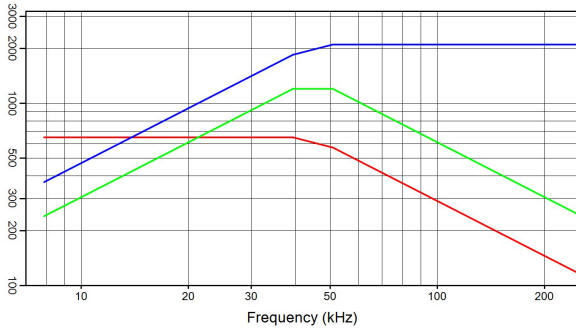
**C-CAP 04 3.8 µF 800 V<sub>rms</sub> 1900 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



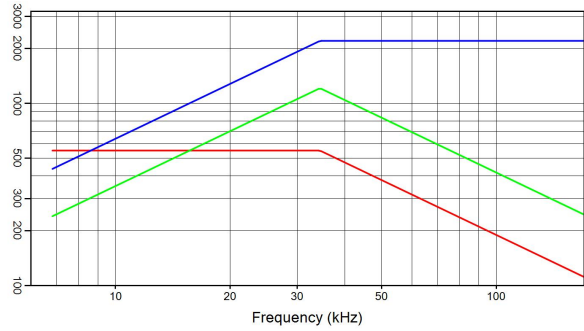
**C-CAP 04 5.8 µF 700 V<sub>rms</sub> 2000 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



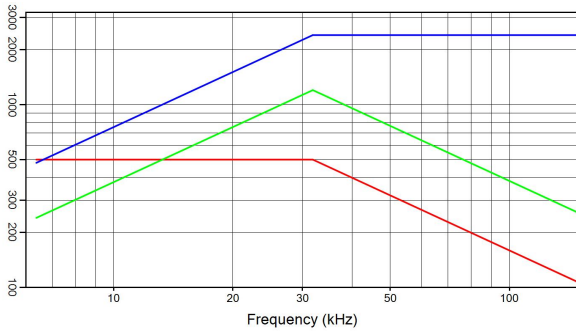
**C-CAP 04 8 µF 700 V<sub>rms</sub> 2000 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C-CAP 04 11.5 µF 650 V<sub>rms</sub> 2100 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C-CAP 04 18.5 µF 550 V<sub>rms</sub> 2200 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C-CAP 04 24 µF 500 V<sub>rms</sub> 2400 A<sub>rms</sub> 1200 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>

**Celem Power Capacitors**

Produced: 12-08-2020