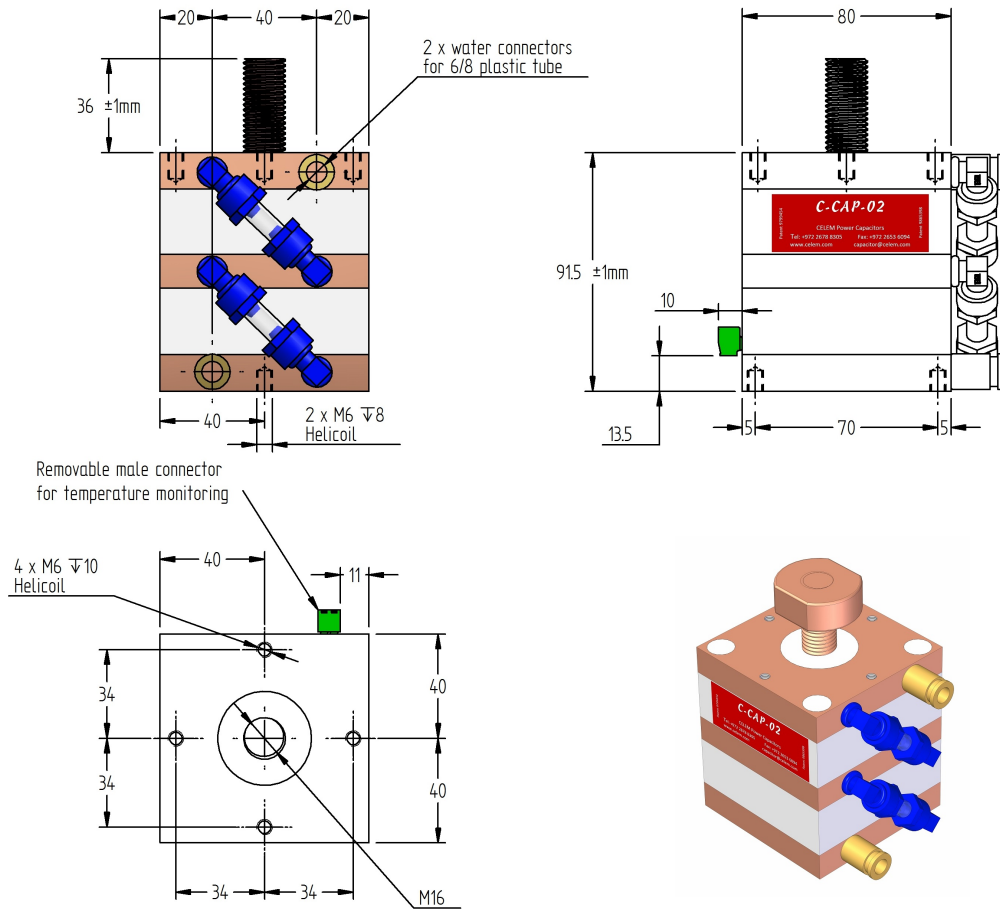


C-CAP 02

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 02						
Dimensions (L x W x H)	mm	80 x 80 x 91.5						
Weight	kg	2.5						
Capacitance (±10%)	µF	0.18µF	0.38µF	0.65µF	1.2µF	2µF	2.9µF	4.8µF
Sinusoidal Voltage	V _{rms}	1750	1550	1350	1250	1050	950	
Peak_Voltage	V	2475	2192	1909	1768	1485	1344	
Max. Current	A _{rms}	800	1000	1200	1500	1700	1900	2100
Max. Power	kVA _r	1300	1500					
Freq Range @ Half Power	kHz	188-871	103-805	76-640	55-573	38-425	37-354	28-255
Freq Range @ Full Power	kHz	376-436	205-279	153-235	109-199	76-153	75-132	55-98

Celem Power Capacitors

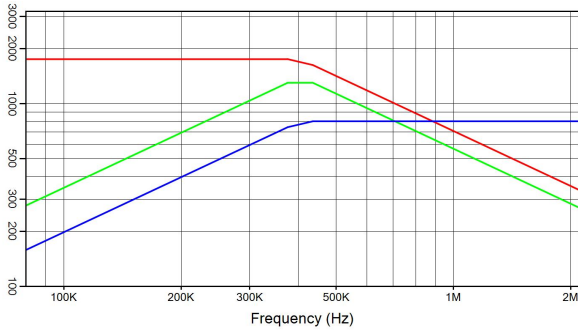
Produced: 03-02-2020

C-CAP 02

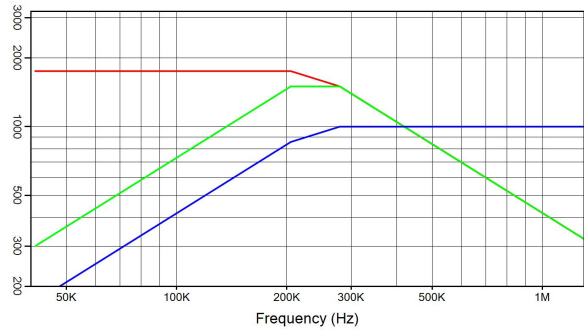
Water-cooled capacitor



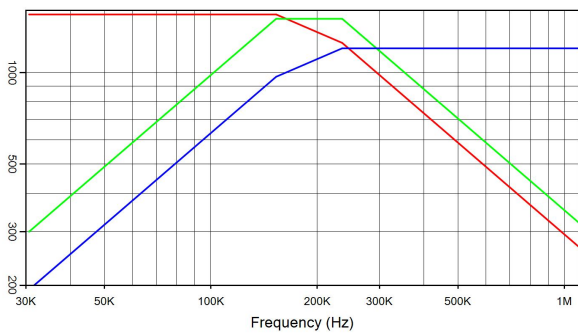
Technology Patented Worldwide



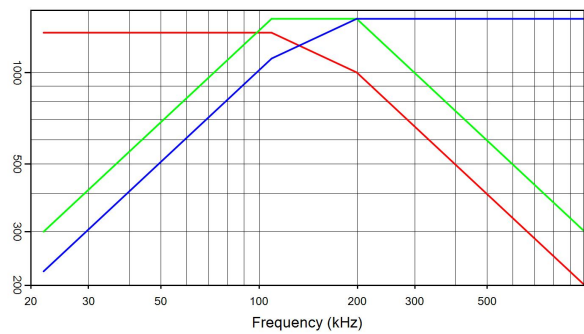
C-CAP 02 0.18 µF 1750 V_{rms} 800 A_{rms} 1300 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



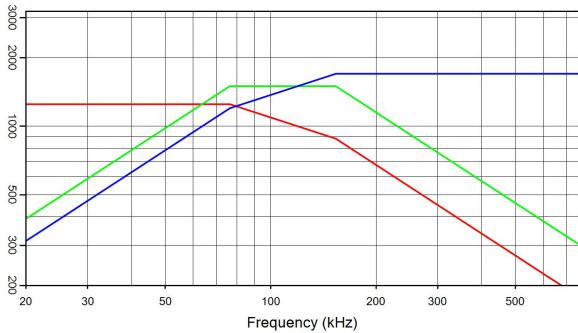
C-CAP 02 0.38 µF 1750 V_{rms} 1000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



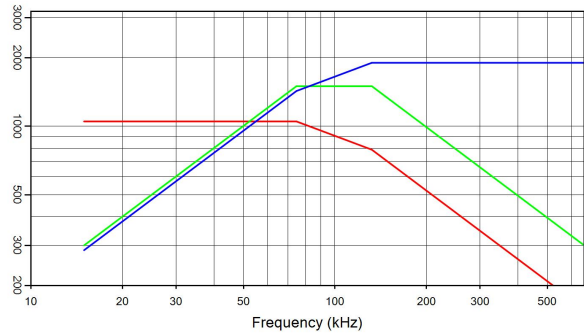
C-CAP 02 0.65 µF 1550 V_{rms} 1200 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



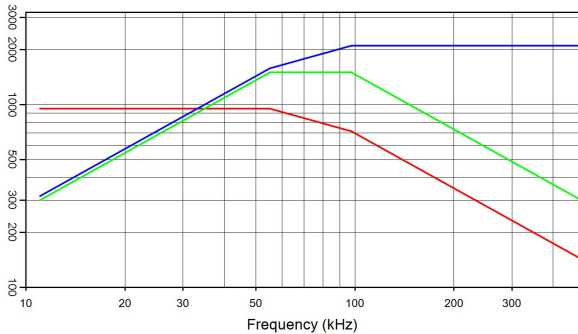
C-CAP 02 1.2 µF 1350 V_{rms} 1500 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C-CAP 02 2 µF 1250 V_{rms} 1700 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C-CAP 02 2.9 µF 1050 V_{rms} 1900 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C-CAP 02 4.8 µF 950 V_{rms} 2100 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —

Celem Power Capacitors

Produced: 03-02-2020