

C500T represents the latest technology in polypropylene capacitors. Its novel composition and structure enable it to supply twice the reactive power with the same external dimensions as the old C200T, hence a capacitor bank can be realized with half the space and about half the price.

With the best cost per kVAr ratio of all Celem capacitors, the C500T offers outstanding value in the medium frequency range.

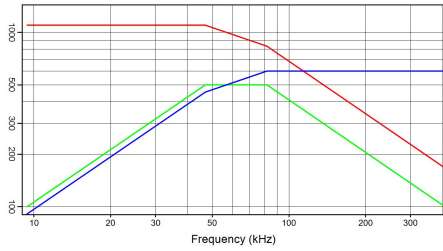
Specifications

Type		C500T								
Dimensions (D x H)	mm	Ø80		Ø101	Ø80	Ø88	Ø94	Ø80	Ø101	
Weight	kg	1.1		1.4	1.1	1.2	1.3	1.1	1.5	
Capacitance (±10%)	µF	1.4µF	3µF	4µF	6.3µF	8.5µF	10µF	21µF	27µF	37µF
Sinusoidal Voltage	V _{rms}	1100	750	900	700			500	550	500
Peak Voltage	V	1560	1060	1270	990			710	780	710
Max. Current	A _{rms}	600	800	700	1000					
Max. Power	kVA _r	500								
Freq Range @ Full Power	kHz	47-82	47-68	25-39	26-51	19-37	16-32	15-15	10-12	9-9
Stray Inductance	nH	<10								

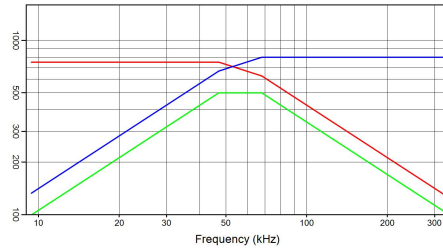
C500T

Conduction-cooled capacitor

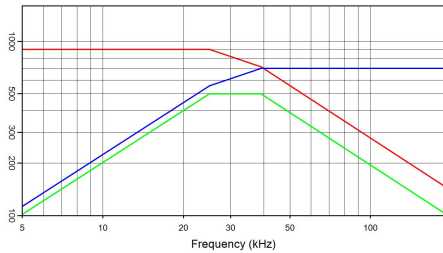
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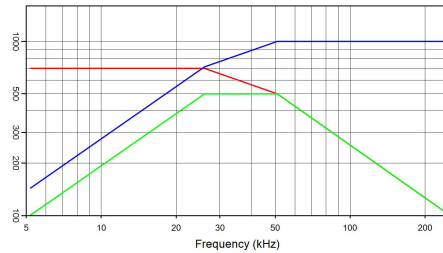
C500T 1.4 µF 1100 V_{rms} 600 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



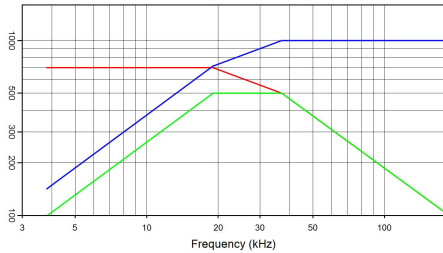
C500T 3 µF 750 V_{rms} 800 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



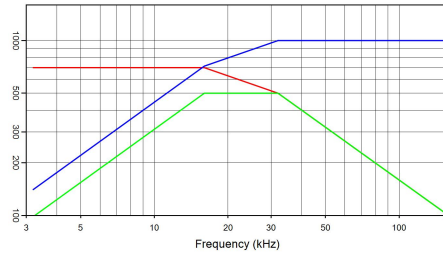
C500T 4 µF 900 V_{rms} 700 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



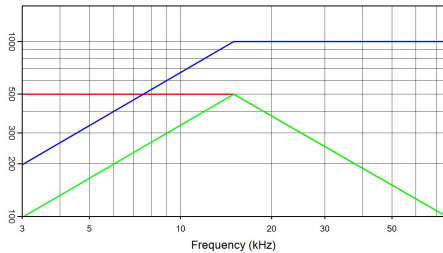
C500T 6.3 µF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



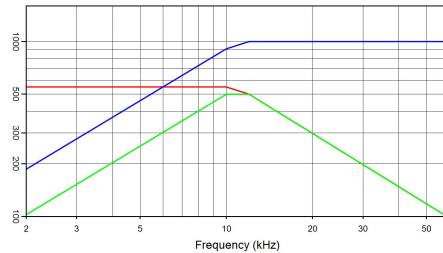
C500T 8.5 µF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



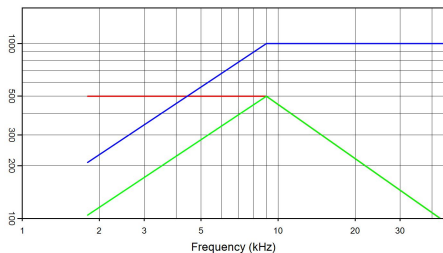
C500T 10 µF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



C500T 21 µF 500 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



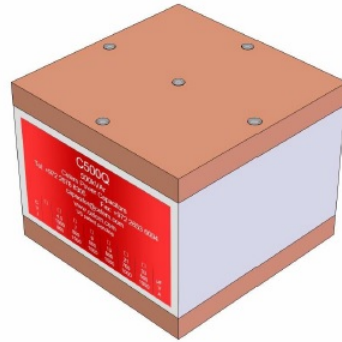
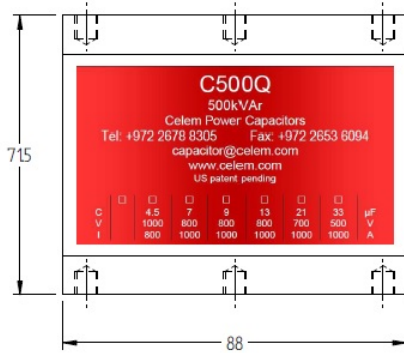
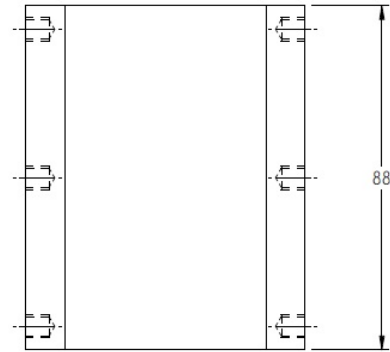
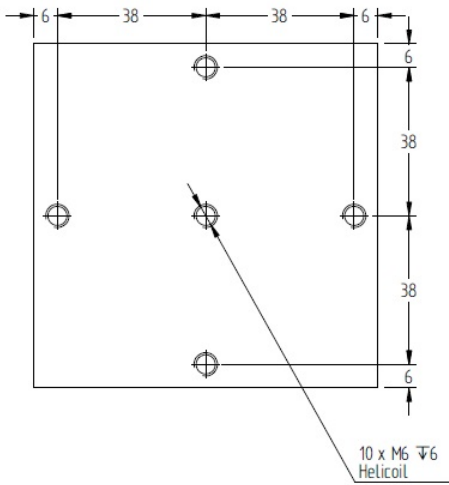
C500T 27 µF 550 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r



C500T 37 µF 500 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — 500 kVA_r

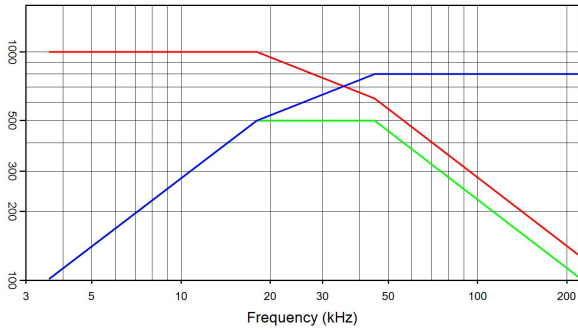
Celem Power Capacitors

Produced: 03-09-2015

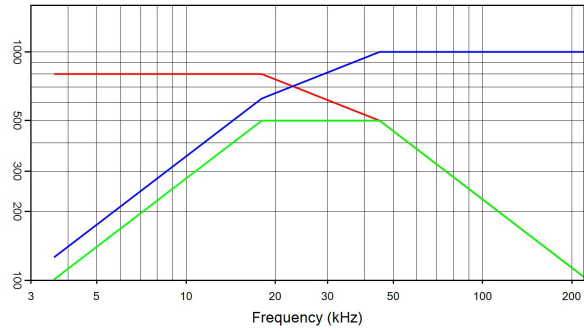


Specifications

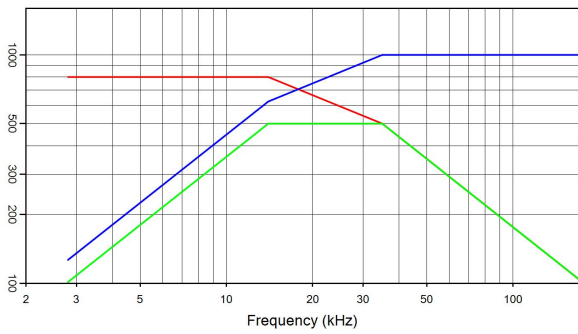
Type		C500Q					
Dimensions (L x W x H)	mm	88 x 88 x 71.5					
Weight	kg	1.8					
Capacitance (±10%)	μF	4.5μF	7μF	9μF	13μF	21μF	33μF
Sinusoidal Voltage	V _{rms}	1000	800		700	500	
Peak_Voltage	V	1410	1130		990	710	
Max. Current	A _{rms}	800	1000				
Max. Power	kVA _r	500					
Freq Range @ Half Power	kHz	9-91	7-71	5-49	4-30	5-19	



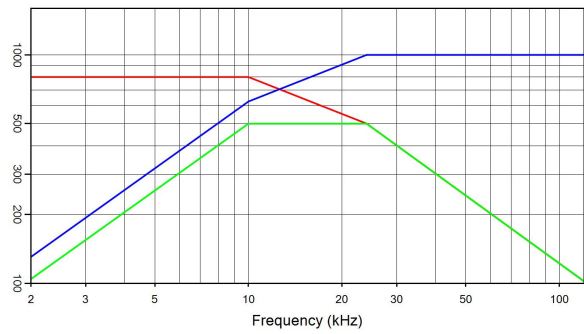
C500Q 4.5 µF 1000 V_{rms} 800 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



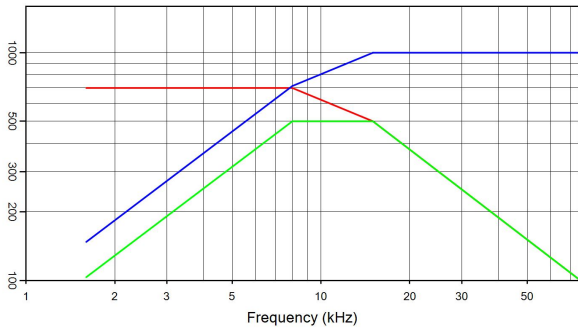
C500Q 7 µF 800 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



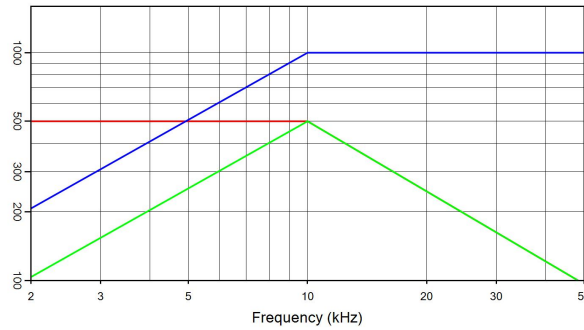
C500Q 9 µF 800 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



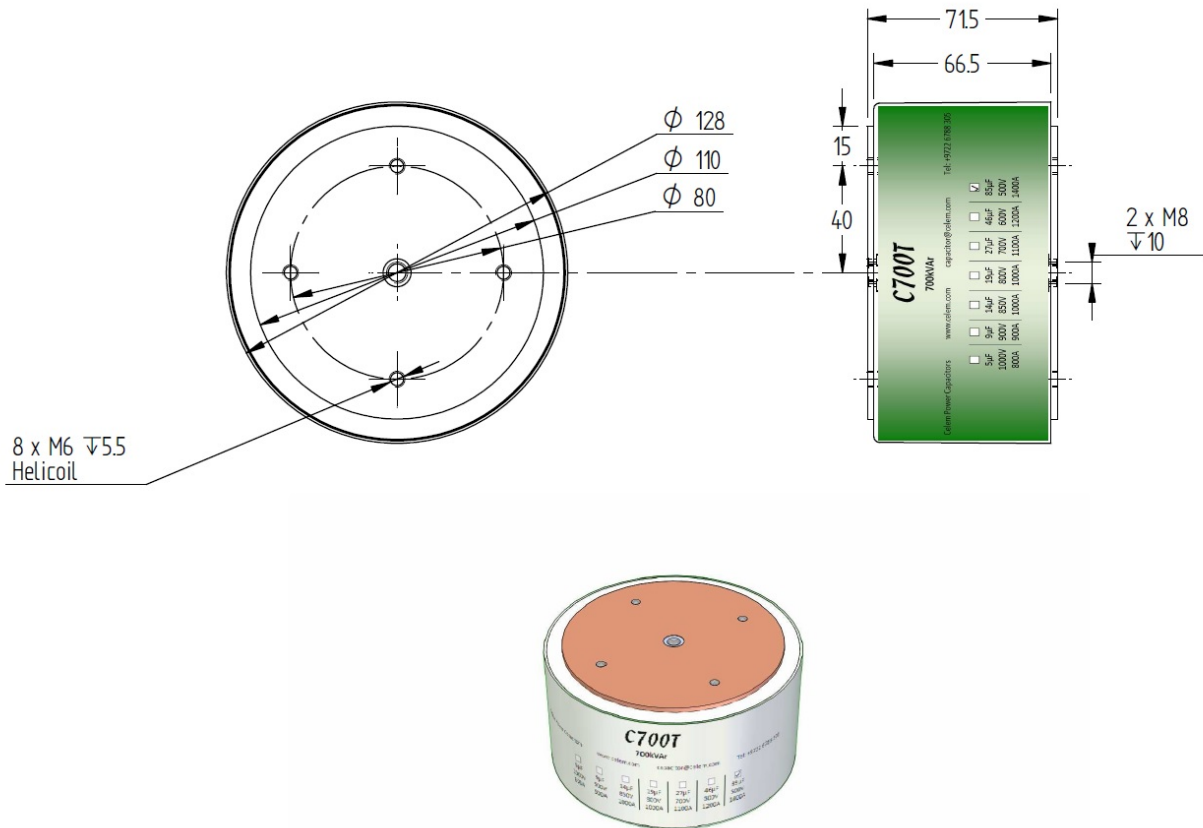
C500Q 13 µF 800 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C500Q 21 µF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C500Q 33 µF 500 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



The C700T is a High Voltage version of the most popular C500T, this new series comes in capacitance values from 5 μ F to 85 μ F. The capacitors offer voltages up to 1000V_{rms} and currents up to 1400A_{rms}.

Specifications

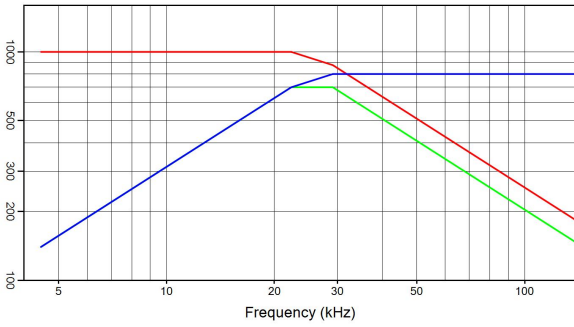
Type		C700T						
Dimensions (D x H)	mm	$\phi 128 \times 71.5$						
Weight	kg	1.9	2	1.9	2	2.1	2.2	
Capacitance ($\pm 10\%$)	μ F	5 μ F	9 μ F	14 μ F	19 μ F	27 μ F	46 μ F	85 μ F
Sinusoidal Voltage	V _{rms}	1000	900	850	800	700	600	500
Peak_Voltage	V	1410	1270	1200	1130	990	850	710
Max. Current	A _{rms}	800	900	1000		1100	1200	1400
Max. Power	kVA _r	700						
Freq Range @ Full Power	kHz	22-29	15.3-20	11-16.2	9.2-12	8.4-10.2	6.7-7.1	5.2-5.2
Stray Inductance	nH	< 10						

C700T

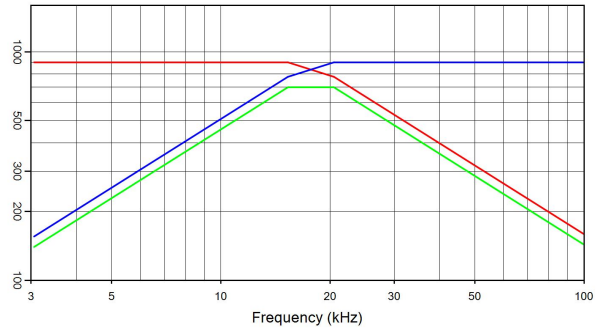
Conduction-cooled capacitor



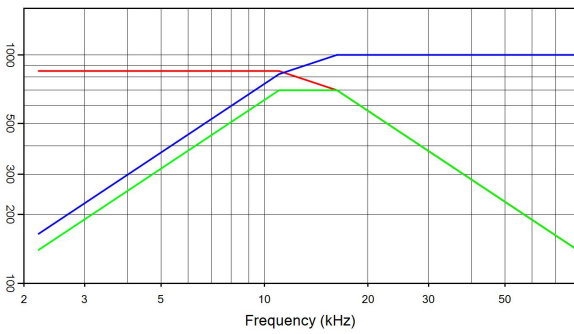
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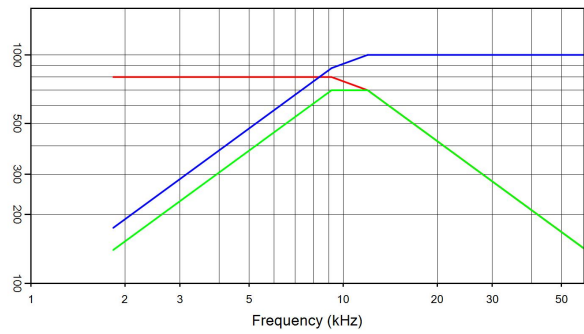
C700T 5 µF 1000 V_{rms} 800 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



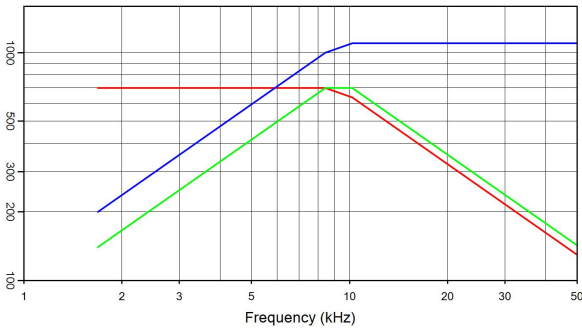
C700T 9 µF 900 V_{rms} 900 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



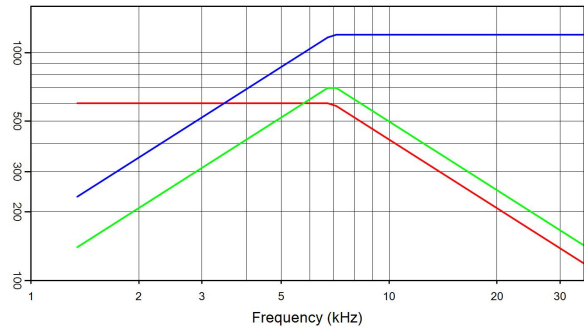
C700T 14 µF 850 V_{rms} 1000 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



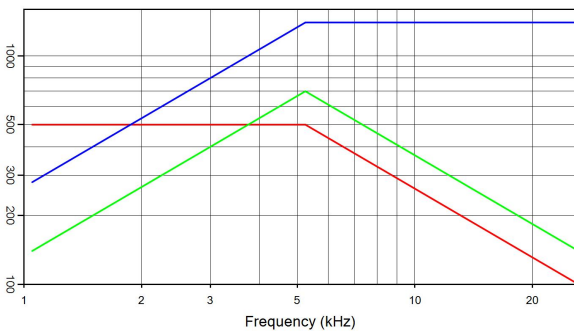
C700T 19 µF 800 V_{rms} 1000 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C700T 27 µF 700 V_{rms} 1100 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C700T 46 µF 600 V_{rms} 1200 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



C700T 85 µF 500 V_{rms} 1400 A_{rms} 700 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —

Celem Power Capacitors

Produced: 11/09/2016