

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.

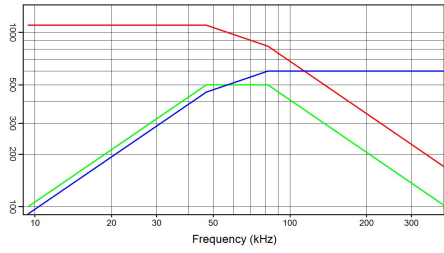
## Specifications

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 <sub>rms</sub>	1100	750	900	700			500	550	500
Peak Voltage	V	1560	1060	1270	990			710	780	710
Max. Current	A <sub>rms</sub>	600	800	700	1000					
Max. Power	kVA <sub>r</sub>	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								

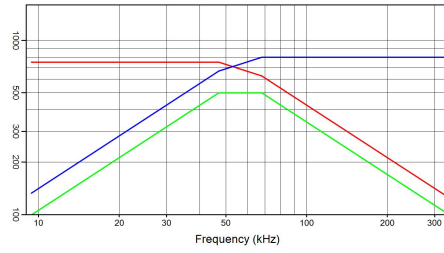
# C500T

Conduction-cooled capacitor

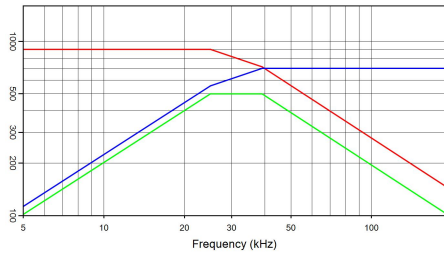
Technology Patented Worldwide



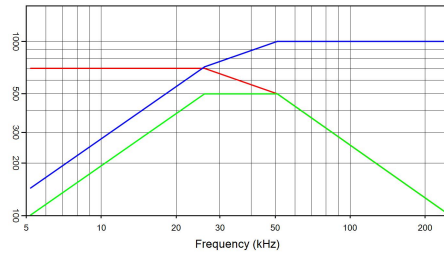
**C500T 1.4  $\mu\text{F}$  1100 V<sub>rms</sub> 600 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



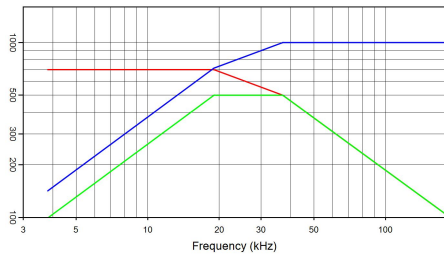
**C500T 3  $\mu\text{F}$  750 V<sub>rms</sub> 800 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



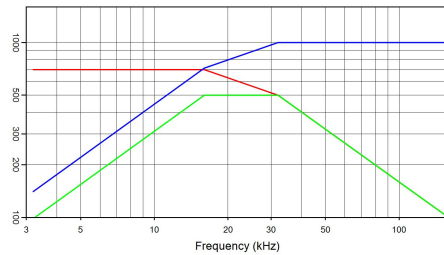
**C500T 4  $\mu\text{F}$  900 V<sub>rms</sub> 700 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



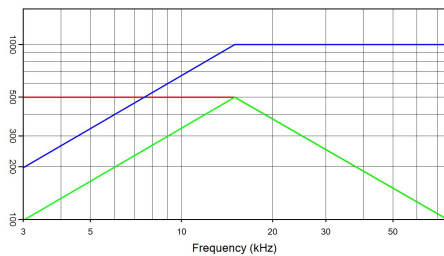
**C500T 6.3  $\mu\text{F}$  700 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



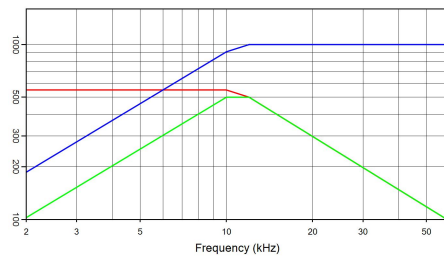
**C500T 8.5  $\mu\text{F}$  700 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



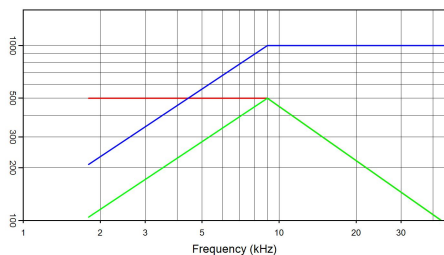
**C500T 10  $\mu\text{F}$  700 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**C500T 21  $\mu\text{F}$  500 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**C500T 27  $\mu\text{F}$  550 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**C500T 37  $\mu\text{F}$  500 V<sub>rms</sub> 1000 A<sub>rms</sub> 500 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —

*Celem Power Capacitors*

Produced: 03-09-2015