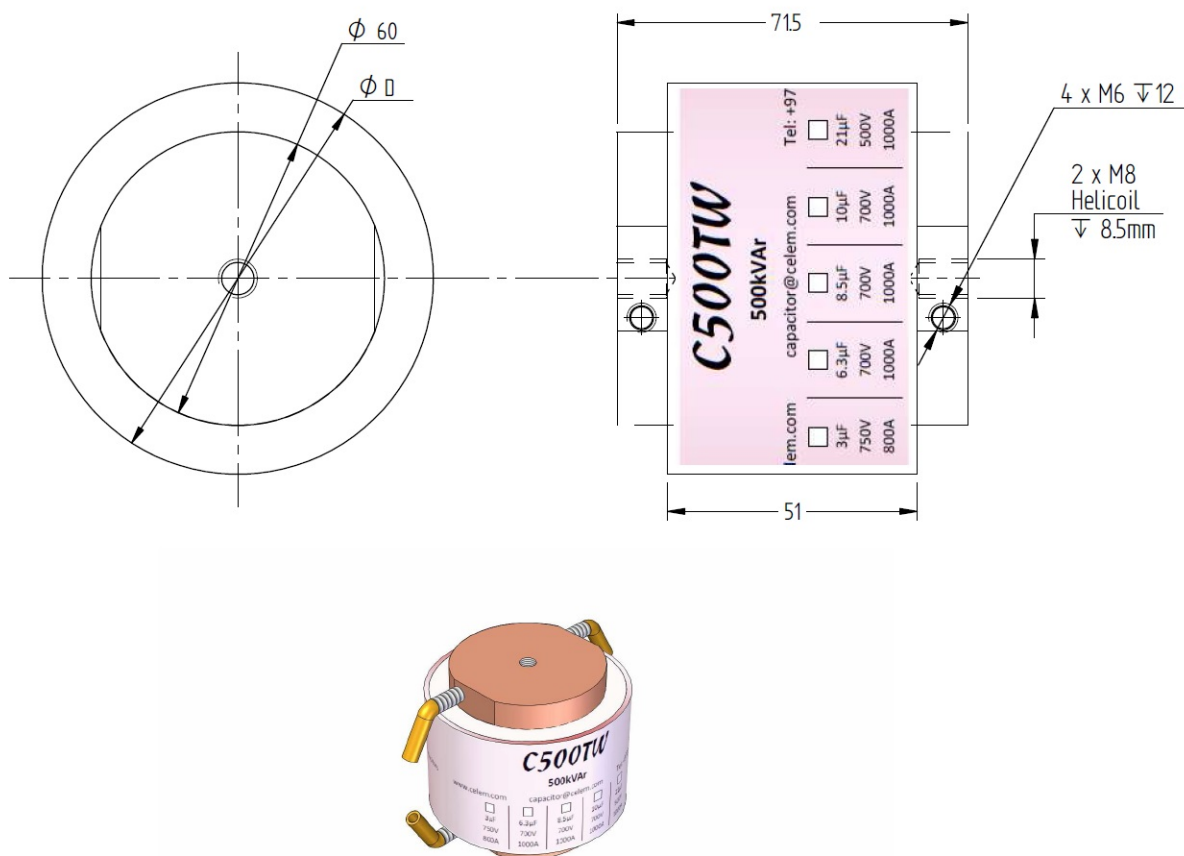


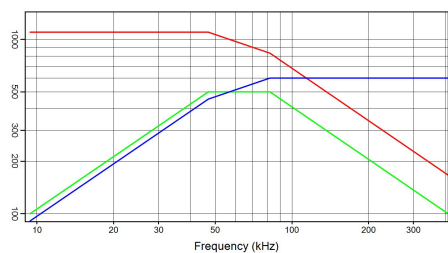


C500TW is a heavy-duty medium frequency water-cooled power capacitor, suited for the 10 - 70kHz frequency range. It provides all the benefits of the C500T in addition to an integrated water-cooling system and the same large safety margins. The C500TW can replace the C500T and operates as a conduction-cooled capacitor. C500TW is extremely compact, providing the best power to volume ratio in the industry. Being a water-cooled capacitor, it is an ideal building block for very high power, medium frequency applications. Please check in the Assembly Systems section options for parallel and series assemblies.

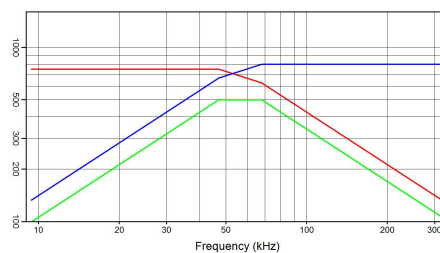
The 4 water connecting tubes should be ordered separately.

Specifications

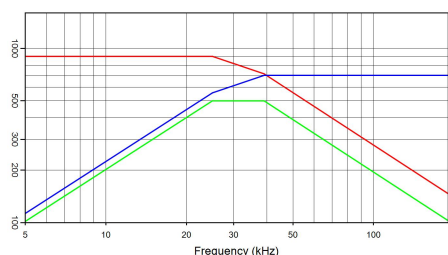
Type		C500TW								
Dimensions (L x W x H)	mm	80		101	80	88	94	80	101	
Weight	kg	1.1		1.4	1.1	1.2	1.3	1.1	1.5	
Capacitance (±10%)	μF	1.4μF	3μF	4μF	6.3μF	8.5μF	10μF	21μF	27μF	37μF
Sinusoidal Voltage	V _{rms}	1100	750	900	700			500	550	500
Peak_Voltage	V	1560	1060	1270	990			710	780	710
Max. Current	A _{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								



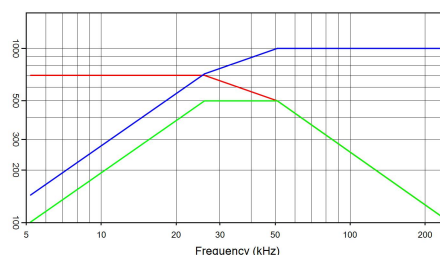
C500TW 1.4 μF 1100 V_{rms} 600 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



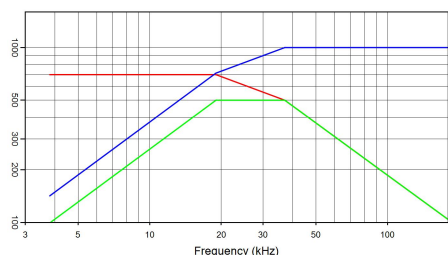
C500TW 3 μF 750 V_{rms} 800 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



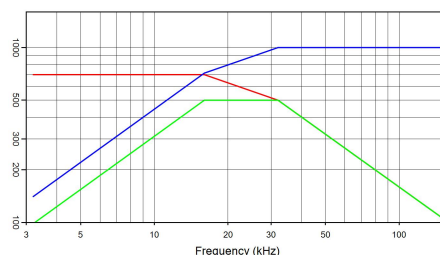
C500TW 4 μF 900 V_{rms} 700 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



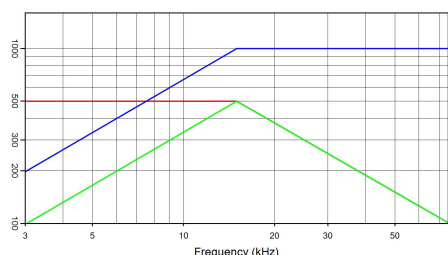
C500TW 6.3 μF 700 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



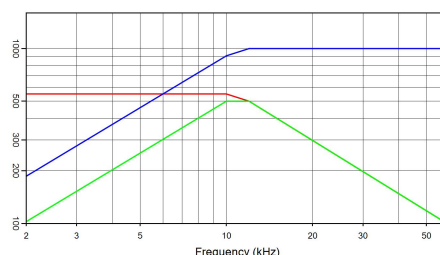
C500TW 8.5 μF 700 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



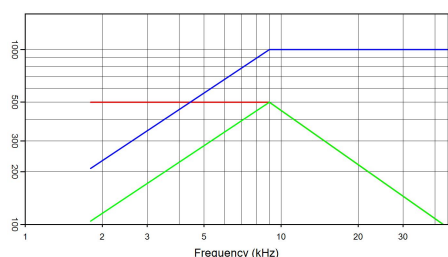
C500TW 10 μF 700 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



C500TW 21 μF 500 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



C500TW 27 μF 550 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —



C500TW 37 μF 500 V_{rms} 1000 A_{rms} 500 kVA_r
I(A) — Q(kVA_r) — V_{rms} —