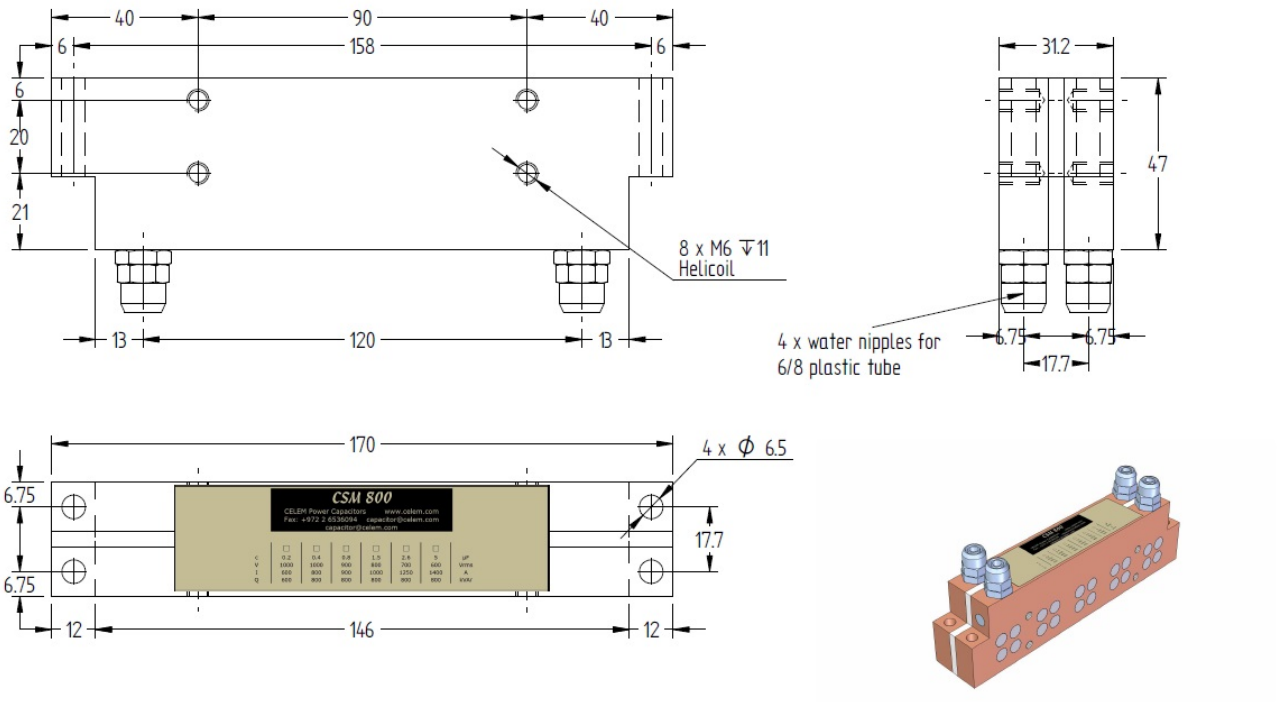
CSM 800

Water-cooled capacitor

Technology Patented Worldwide



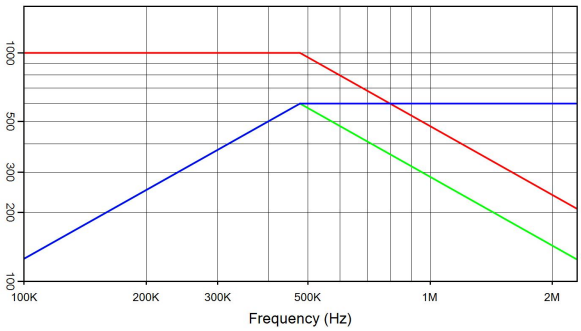
CSM 800 is a new development by Celem, targeting high frequency, high power applications.
The new CSM 800 is a water-cooled capacitor allowing 800kVAr in a very small design.
The unique capacitor can be mounted either on top of two adjacent parallel bus bars using the 4 through holes in the capacitor (similar to the well-known CSM capacitor series), or between two parallel bus-bar plates (similar to our CSP series).

Specifications

Type		CSM 800						
Dimensions (L x W x H)	mm	170 x 47 x 31.2						
Weight	kg	1.2						
Capacitance (±10%)	µF	0.2µF	0.4µF	0.8µF	1.5µF	2.6µF	3.5µF	5µF
Sinusoidal Voltage	V_{rms}	1000		900	800	700	650	600
Peak_Voltage	V	1410		1270	1130	990	919	850
Max. Current	A_{rms}	600	800	900	1000	1250	1300	1400
Max. Power	kVA_r	600	800					
Freq Range @ Half Power	kHz	239-955	159-637	98-403	66-265	50-239	43-192	35-156

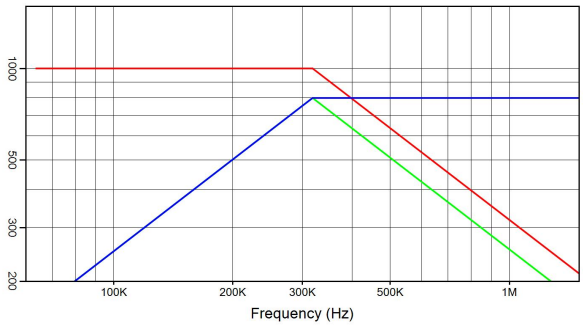
Celem Power Capacitors

Produced: 23-09-2019



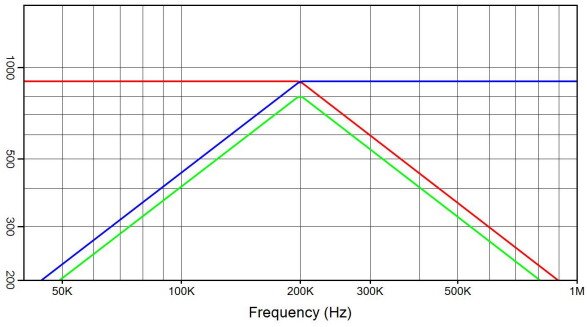
CSM 800 0.2 µF 1000 V_{rms} 600 A_{rms} 600 kVA_r

I(A) Q(kVA_r) V_{rms}



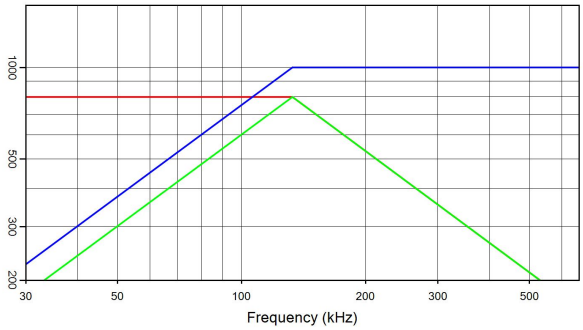
CSM 800 0.4 µF 1000 V_{rms} 800 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}



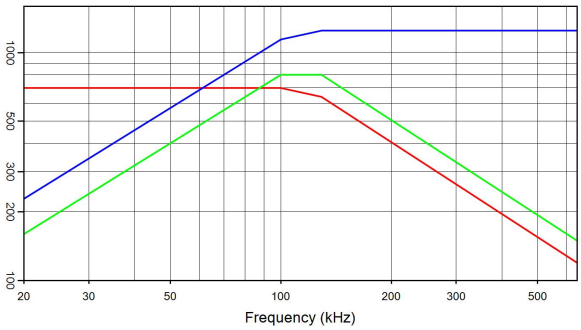
CSM 800 0.8 µF 900 V_{rms} 900 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}



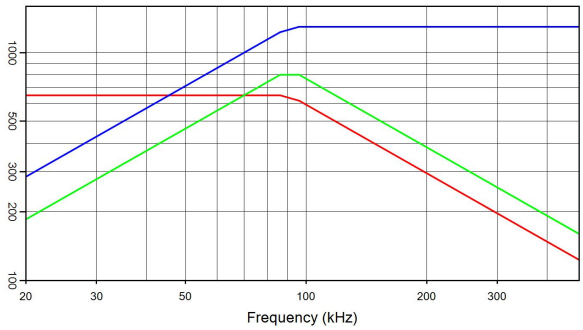
CSM 800 1.5 µF 800 V_{rms} 1000 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}



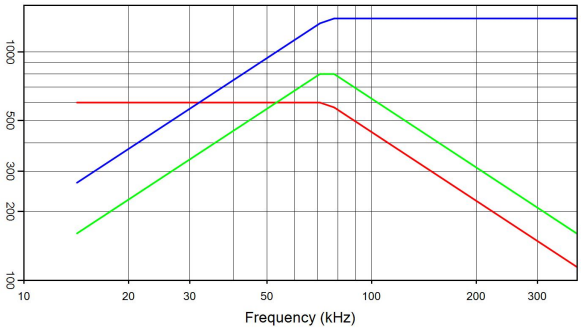
CSM 800 2.6 µF 700 V_{rms} 1250 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}



CSM 800 3.5 µF 650 V_{rms} 1300 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}



CSM 800 5 µF 600 V_{rms} 1400 A_{rms} 800 kVA_r

I(A) Q(kVA_r) V_{rms}

Celem Power Capacitors