

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).

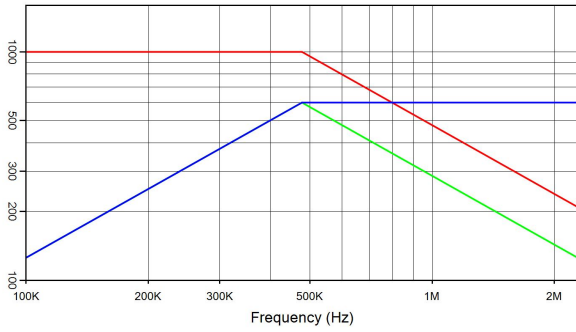
## Specifications

Type		CSM 800						
Dimensions (L x W x H)	mm	170 x 47 x 31.2						
Weight	kg	1.2						
Capacitance ( $\pm 10\%$ )	$\mu\text{F}$	0.2 $\mu\text{F}$	0.4 $\mu\text{F}$	0.8 $\mu\text{F}$	1.5 $\mu\text{F}$	2.6 $\mu\text{F}$	3.5 $\mu\text{F}$	5 $\mu\text{F}$
Sinusoidal Voltage	V <sub>rms</sub>	1000		900	800	700	650	600
Peak_Voltage	V	1410		1270	1130	990	919	850
Max. Current	A <sub>rms</sub>	600	800	900	1000	1250	1300	1400
Max. Power	kVA <sub>r</sub>	600	800					
Freq Range @ Half Power	kHz	239-955	159-637	98-403	66-265	50-239	43-192	35-156

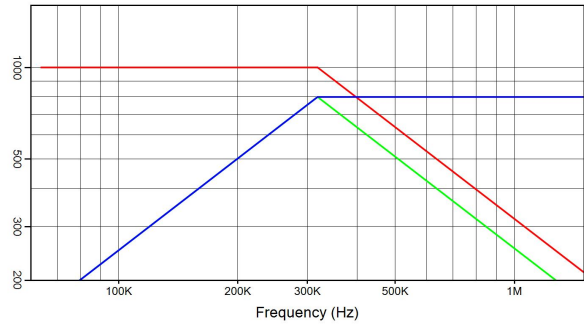
# CSM 800

Water-cooled capacitor

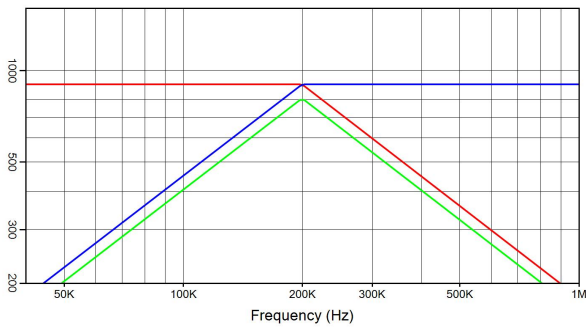
Technology Patented Worldwide



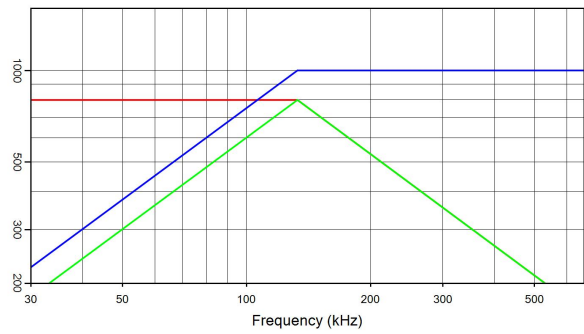
**CSM 800 0.2 μF 1000 V<sub>rms</sub> 600 A<sub>rms</sub> 600 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



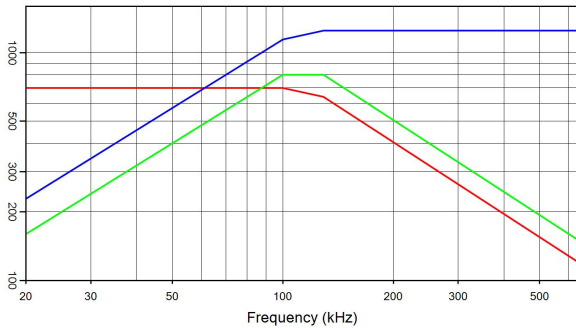
**CSM 800 0.4 μF 1000 V<sub>rms</sub> 800 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



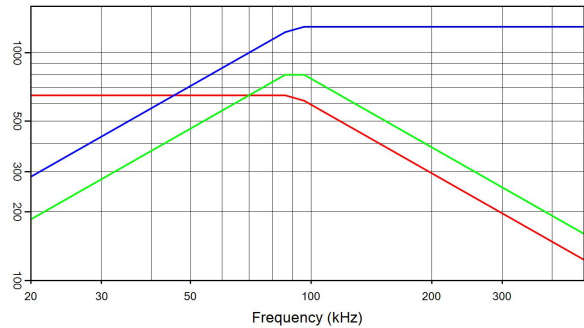
**CSM 800 0.8 μF 900 V<sub>rms</sub> 900 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



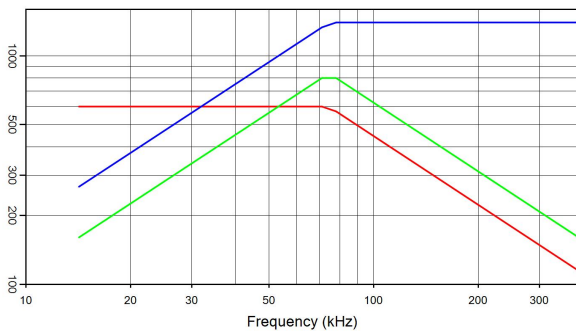
**CSM 800 1.5 μF 800 V<sub>rms</sub> 1000 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



**CSM 800 2.6 μF 700 V<sub>rms</sub> 1250 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



**CSM 800 3.5 μF 650 V<sub>rms</sub> 1300 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>



**CSM 800 5 μF 600 V<sub>rms</sub> 1400 A<sub>rms</sub> 800 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub>

*Celem Power Capacitors*

Produced: 23-09-2019