

CSM nano is a new Celem Power Capacitor. The CSM nano utilizes the same mounting concept as the well-known CSM series invented by Celem.

The nano capacitor can drive 100kVAr at voltages up to 1100Vrms and currents up to 250Arms.

The CSM nano is ideal for small applications that require high power, as its ratio of power to volume is very high and equivalent to the CSM300/150 – the newest capacitor in the popular series of CSM100, CSM150, CSM200/150 and CSM300/150.

Specifications

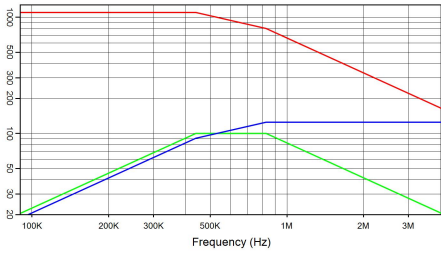
Type		CSM nano								
Dimensions (L x W x H)	mm	40 x 30.2 x 18								
Weight	kg	0.1								
Capacitance (±10%)	μF	0.03μF	0.05μF	0.1μF	0.15μF	0.2μF	0.3μF	0.5μF	0.66μF	0.8μF
Sinusoidal Voltage	V _{rms}	1100	1000	850	800	750	650	600	500	450
Peak_Voltage	V	1560	1410	1200	1130	1061	920	850	707	630
Max. Current	A _{rms}	125		175	200		225	250		
Max. Power	kVA _r	100								
Freq Range @ Full Power	kHz	439-829	318-498	220-488	166-425	142-318	126-269	88-199	97-151	98-124



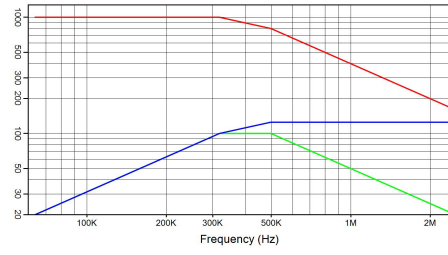
CSM nano

Conduction-cooled capacitor

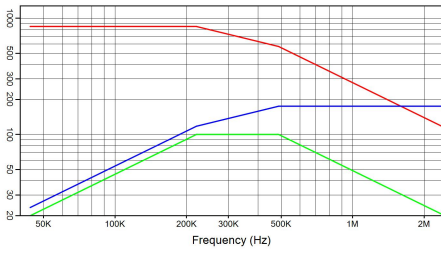
Technology Patented Worldwide



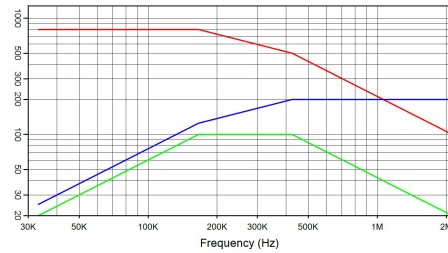
CSM nano 0.03 µF 1100 V_{rms} 125 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



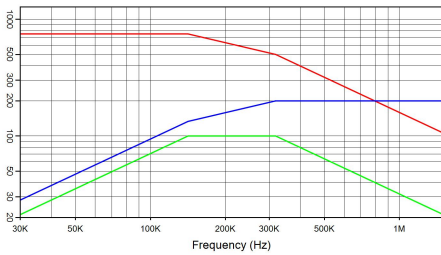
CSM nano 0.05 µF 1000 V_{rms} 125 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



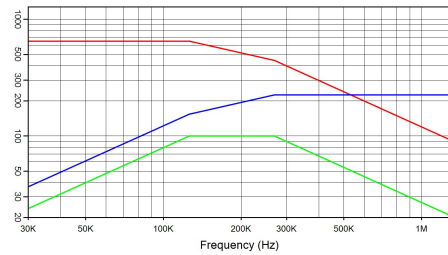
CSM nano 0.1 µF 850 V_{rms} 175 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



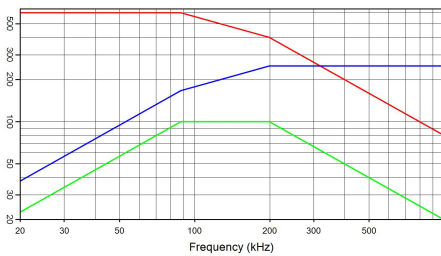
CSM nano 0.15 µF 800 V_{rms} 200 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



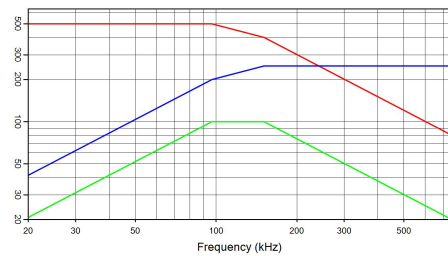
CSM nano 0.2 µF 750 V_{rms} 200 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



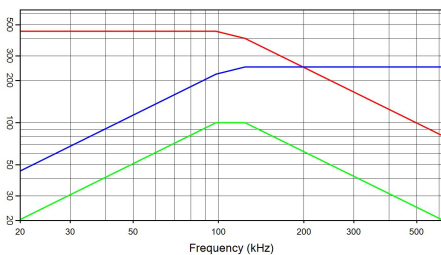
CSM nano 0.3 µF 650 V_{rms} 225 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSM nano 0.5 µF 600 V_{rms} 250 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSM nano 0.66 µF 500 V_{rms} 250 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSM nano 0.8 µF 450 V_{rms} 250 A_{rms} 100 kVA_r
 I(A) — Q(kVA_r) — V_{rms}

Celem Power Capacitors