

The CSP 505 water-cooled capacitor offers up to 500 kVAR at a variety of capacitance values.

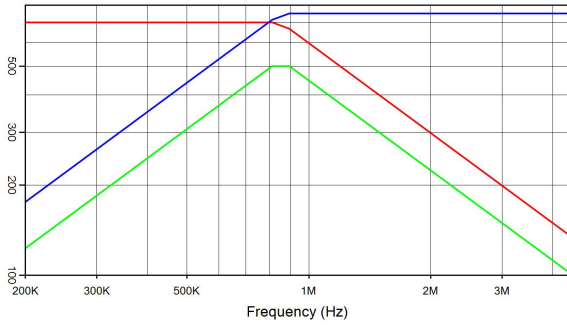
Specifications

Type		CSP 505								
Dimensions (L x W x H)	mm	120 x 80 x 30.5								
Weight	kg	1.5								
Capacitance ($\pm 10\%$)	μF	0.2 μF	0.4 μF	0.68 μF	1.4 μF	2 μF	2.6 μF	5.4 μF	10 μF	
Sinusoidal Voltage	V _{rms}	700			600		500	400		
Peak Voltage	V	990			850		710	570		
Max. Current	A _{rms}	750	800	1000						
Max. Power	kVA _r	500							400	
Freq Range @ Full Power	kHz	812-895	406-509	239-468	116-227	111-159	85-122	59-59	40-40	
Stray Inductance	nH	<5								

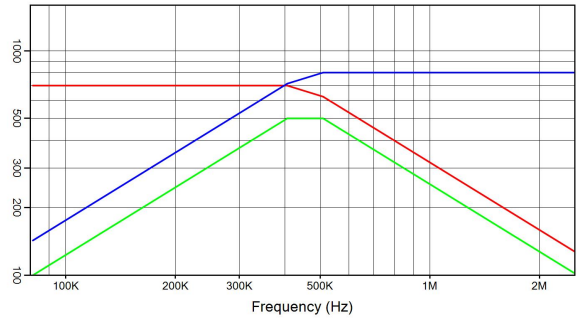
CSP 505

Water-cooled capacitor

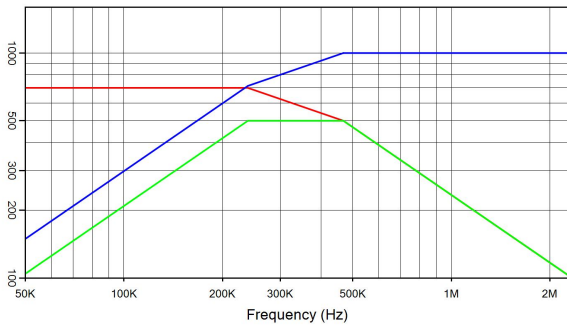
Technology Patented Worldwide



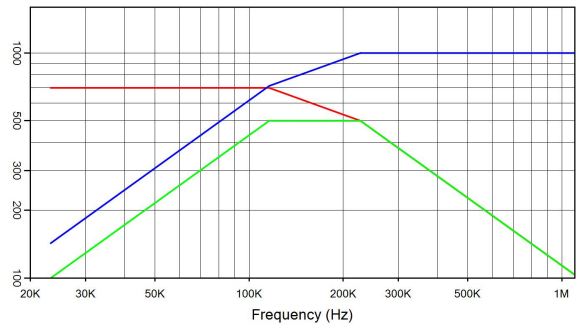
CSP 505 0.2 μF 700 V_{rms} 750 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



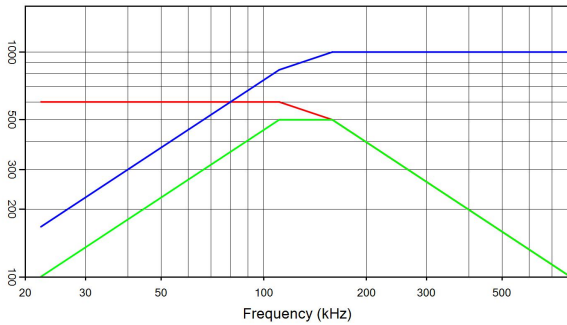
CSP 505 0.4 μF 700 V_{rms} 800 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



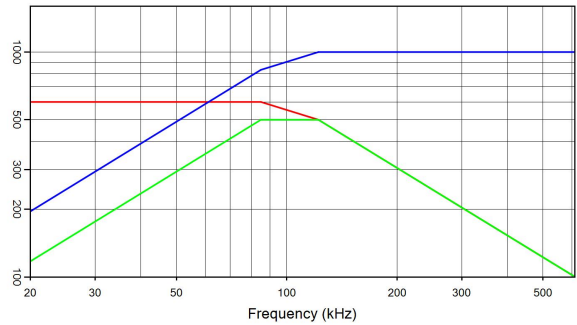
CSP 505 0.68 μF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



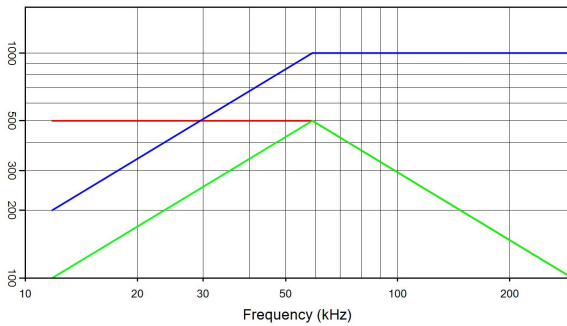
CSP 505 1.4 μF 700 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



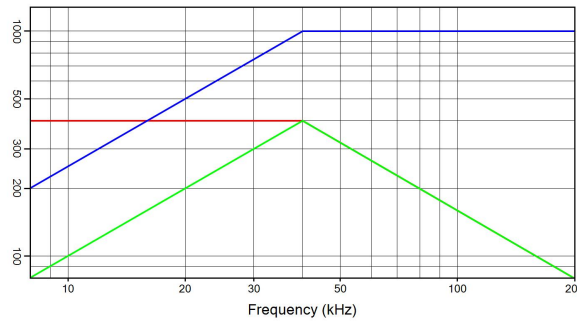
CSP 505 2 μF 600 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 505 2.6 μF 600 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



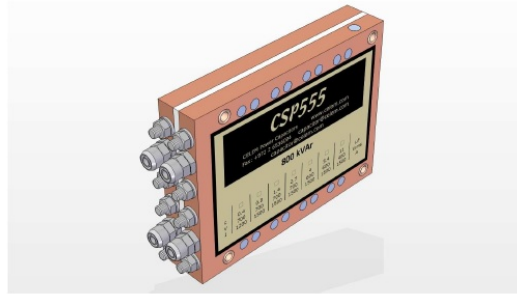
CSP 505 5.4 μF 500 V_{rms} 1000 A_{rms} 500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 505 10 μF 400 V_{rms} 1000 A_{rms} 400 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}

Celem Power Capacitors

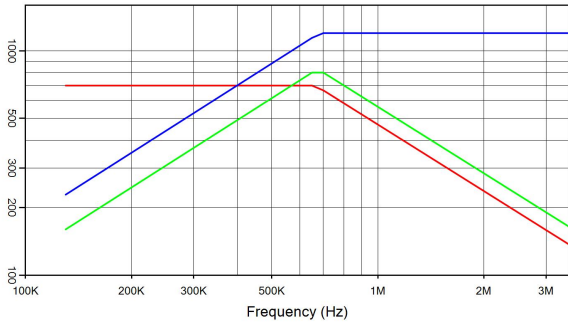
Produced: 03-09-2015



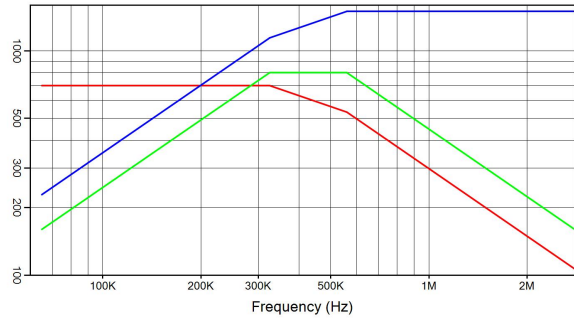
The best-selling CSP 555 heavy duty water-cooled capacitor offers up to 800 kVA_r.

Specifications

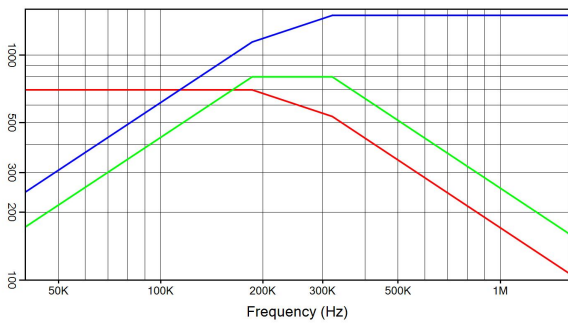
Type		CSP 555							
Dimensions (L x W x H)	mm	160 x 120 x 30.5							
Weight	kg	3							
Capacitance (±10%)	µF	0.4µF	0.8µF	1.4µF	2.7µF	4µF	5.3µF	11µF	19µF
Sinusoidal Voltage	V _{rms}	700			600		500		400
Peak Voltage	V	990			850		710		570
Max. Current	A _{rms}	1200	1500						
Max. Power	kVA _r	800						750	600
Freq Range @ Full Power	kHz	650-700	325-560	186-320	96-166	88-112	67-84	43-43	31-31
Stray Inductance	nH	<5							



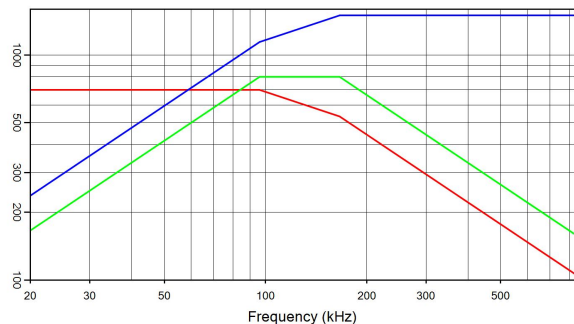
CSP 555 0.4 μF 700 V_{rms} 1200 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



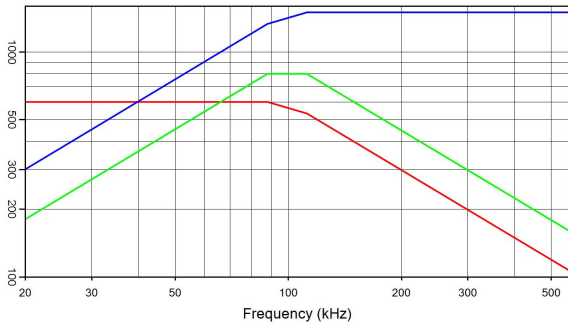
CSP 555 0.8 μF 700 V_{rms} 1500 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



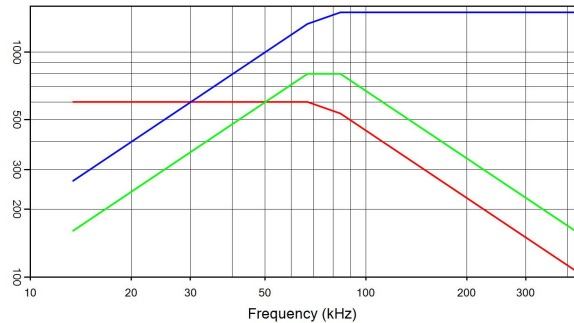
CSP 555 1.4 μF 700 V_{rms} 1500 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



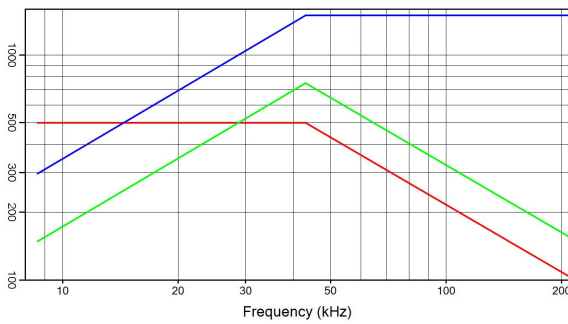
CSP 555 2.7 μF 700 V_{rms} 1500 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



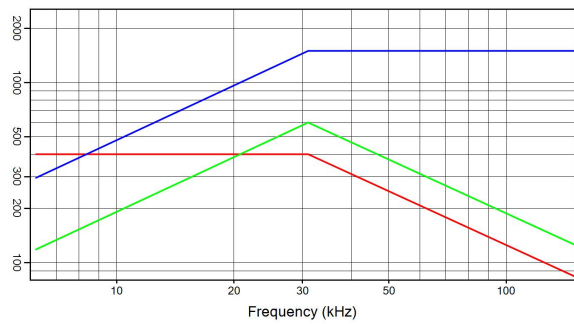
CSP 555 4 μF 600 V_{rms} 1500 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 555 5.3 μF 600 V_{rms} 1500 A_{rms} 800 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 555 11 μF 500 V_{rms} 1500 A_{rms} 750 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}

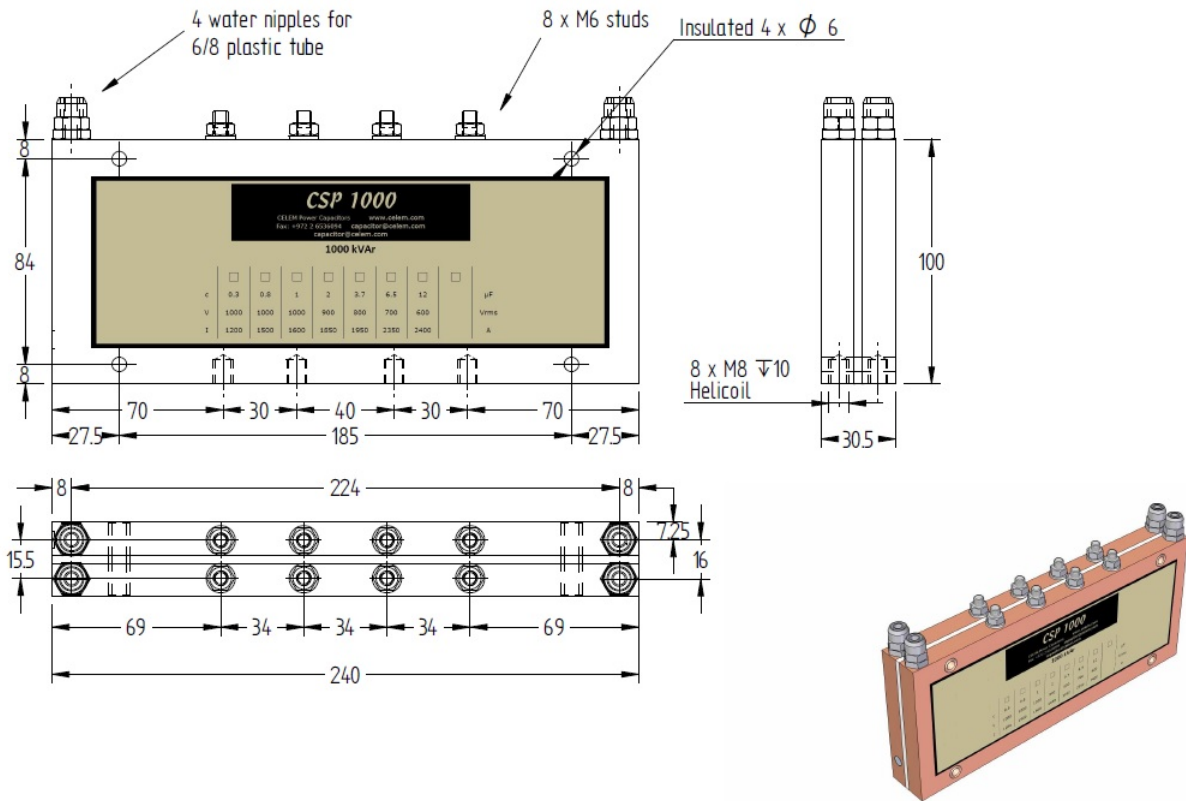


CSP 555 19 μF 400 V_{rms} 1500 A_{rms} 600 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}

CSP 1000

Water-cooled capacitor

Technology Patented Worldwide



Specifications

Type		CSP 1000						
Dimensions (L x W x H)	mm	240 x 100 x 30.5						
Weight	kg	4.2						
Capacitance ($\pm 10\%$)	μ F	0.3 μ F	0.8 μ F	1 μ F	2 μ F	3.7 μ F	6.5 μ F	12 μ F
Sinusoidal Voltage	V _{rms}	1000		900	800	700	600	
Peak_Voltage	V	1410		1270	1130	990	850	
Max. Current	A _{rms}	1200	1500	1600	1850	1950	2350	2400
Max. Power	kVA _r	1000						
Freq Range @ Half Power	kHz	265-1529	100-896	80-815	49-545	34-327	25-271	18-153

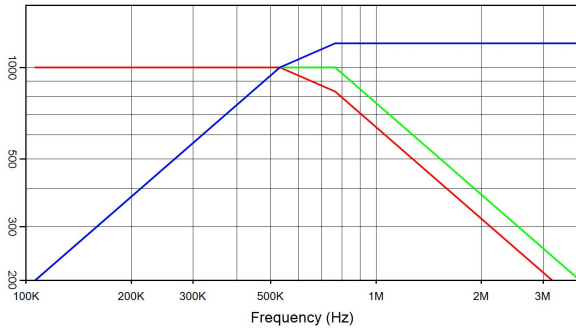
Celem Power Capacitors

Produced: 27-04-2017

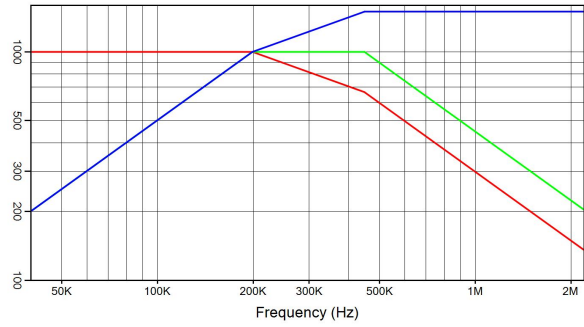
CSP 1000

Water-cooled capacitor

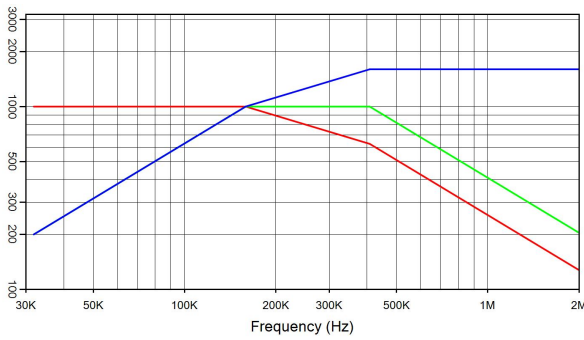
Technology Patented Worldwide



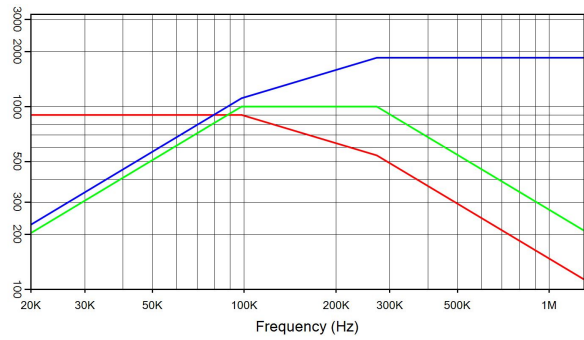
CSP 1000 0.3 μF 1000 V_{rms} 1200 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



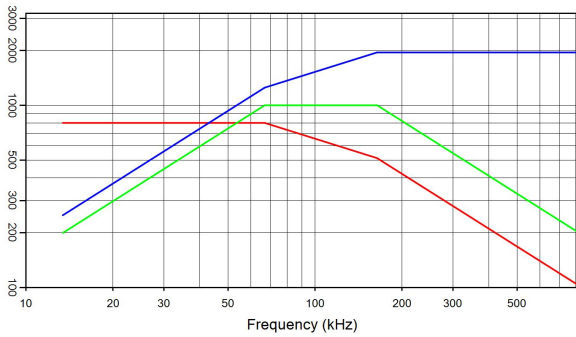
CSP 1000 0.8 μF 1000 V_{rms} 1500 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



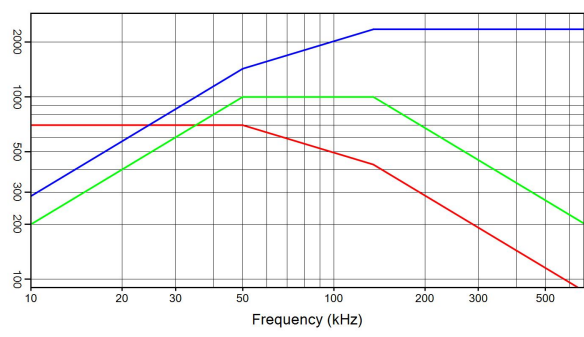
CSP 1000 1 μF 1000 V_{rms} 1600 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



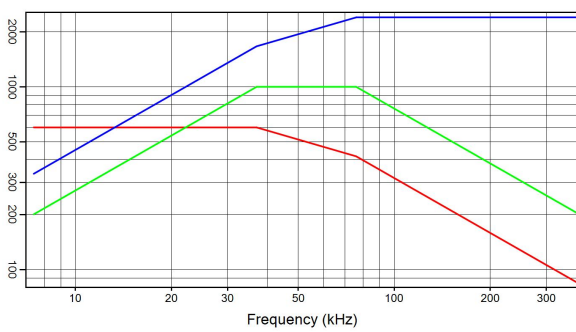
CSP 1000 2 μF 900 V_{rms} 1850 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 1000 3.7 μF 800 V_{rms} 1950 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 1000 6.5 μF 700 V_{rms} 2350 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}



CSP 1000 12 μF 600 V_{rms} 2400 A_{rms} 1000 kVA_r
 I(A) — Q(kVA_r) — V_{rms} — V_{rms}

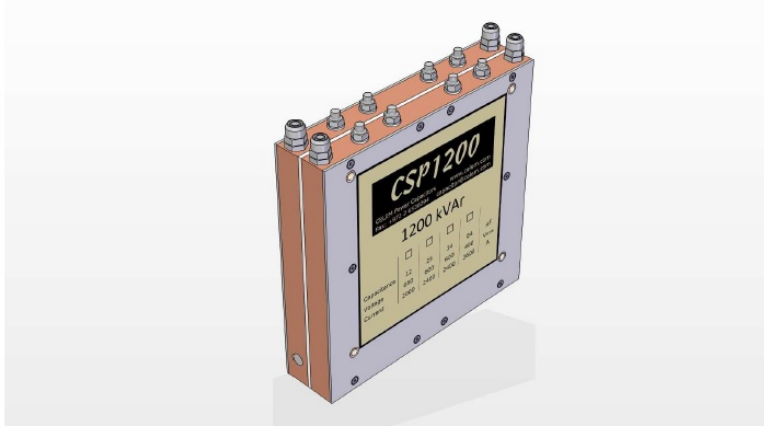
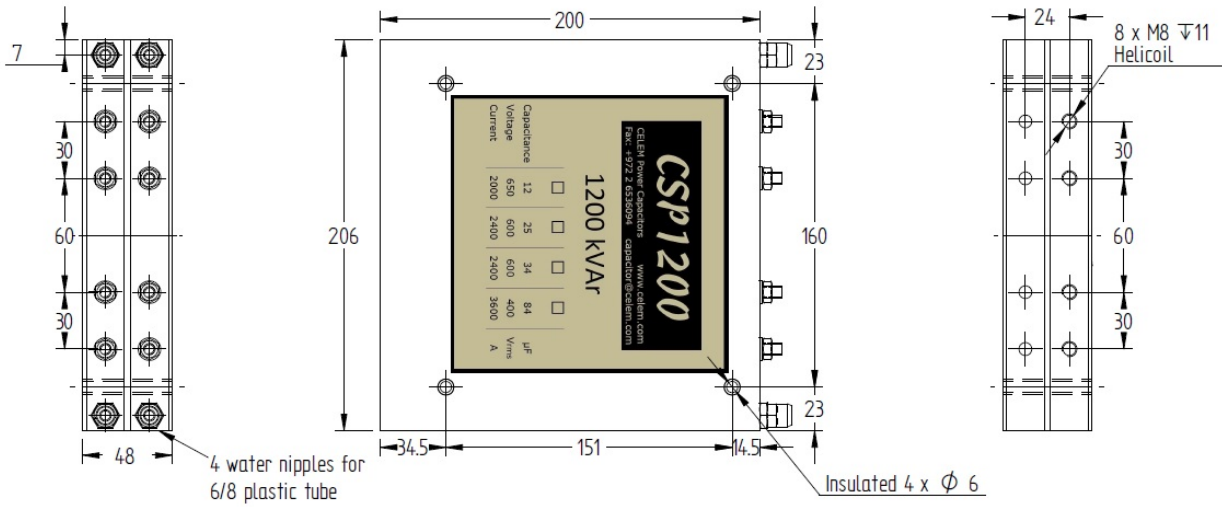
Celem Power Capacitors

Produced: 27-04-2017

CSP 1200

Water-cooled capacitor

Technology Patented Worldwide



The CSP 1200 water-cooled capacitor provides 1.2MVAR in a unit weighing less than 10Kg. Its integrated water cooling enables “plug and play” mounting.

The CSP 1200 is an excellent heavy duty building block for ultra-high power systems.

Specifications

Type		CSP 1200			
Dimensions (L x W x H)	mm	200 x 206 x 48			
Weight	kg	10			
Capacitance ($\pm 10\%$)	μ F	12 μ F	25 μ F	34 μ F	84 μ F
Sinusoidal Voltage	V _{rms}	650	600	600	400
Peak Voltage	V	920	850	850	570
Max. Current	A _{rms}	2000	2400	2400	3600
Max. Power	kVA _r	1200			
Freq Range @ Full Power	kHz	38-44	21-31	16-22	14-20
Stray Inductance	nH	<5			

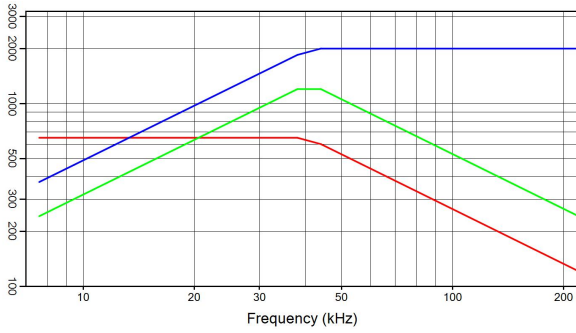
Celem Power Capacitors

Produced: 03-09-2015

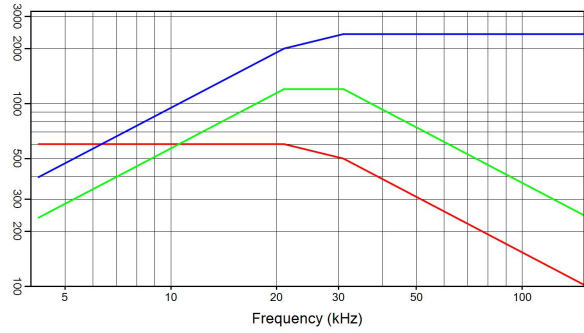
CSP 1200

Water-cooled capacitor

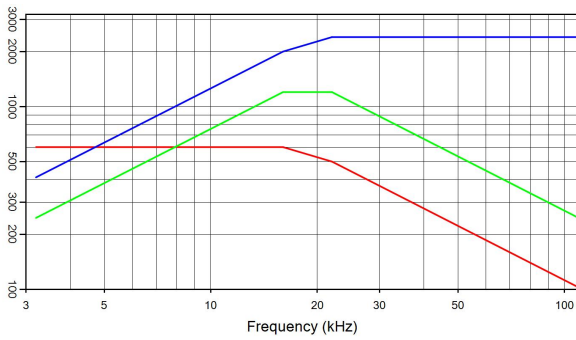
Technology Patented Worldwide



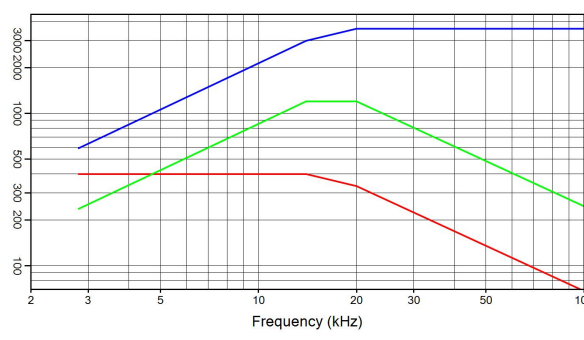
CSP 1200 12 µF 650 V_{rms} 2000 A_{rms} 1200 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP 1200 25 µF 600 V_{rms} 2400 A_{rms} 1200 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP 1200 34 µF 600 V_{rms} 2400 A_{rms} 1200 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP 1200 84 µF 400 V_{rms} 3600 A_{rms} 1200 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —

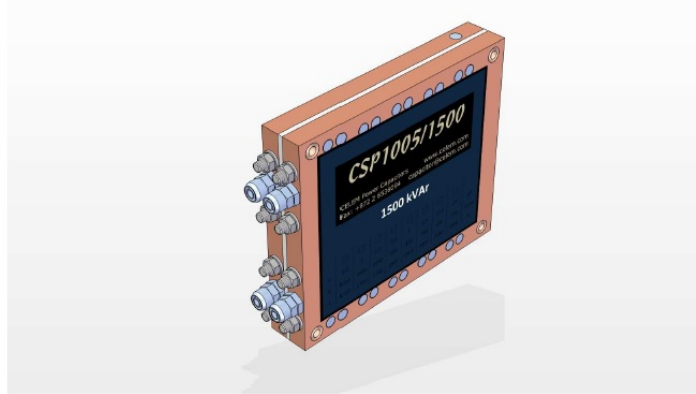
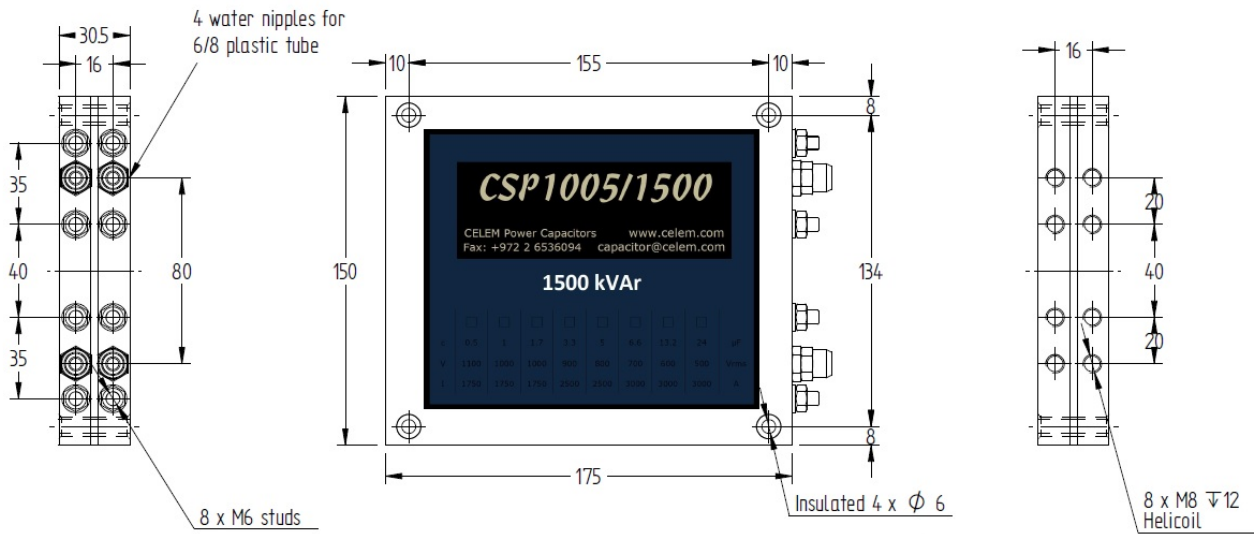
Celem Power Capacitors

Produced: 03-09-2015

CSP1005/1500

Water-cooled capacitor

Technology Patented Worldwide



The high-frequency CSP 1005/1500 water-cooled high power capacitor provides 1500 kVA_r at up to 1000V.

This heavy duty capacitor is a popular building block for ultra high power applications that require a combination of several capacitors.

Celem customers have reported combinations of up to 90 capacitors in one system.

Specifications

Type		CSP1005/1500							
Dimensions (L x W x H)	mm	175 x 150 x 30.5							
Weight	kg	4.2							
Capacitance (±10%)	μF	0.5μF	1μF	1.7μF	3.3μF	5μF	6.6μF	13.2μF	24μF
Sinusoidal Voltage	V _{rms}	1000		900	800	700	600	500	
Peak Voltage	V	1410		1270	1130	990	850	710	
Max. Current	A _{rms}	1750		2500		3000			
Max. Power	kVA _r	1500							
Freq Range @ Full Power	kHz	478-650	239-325	141-191	89-201	75-133	74-145	50-72	40-40
Stray Inductance	nH	<5							

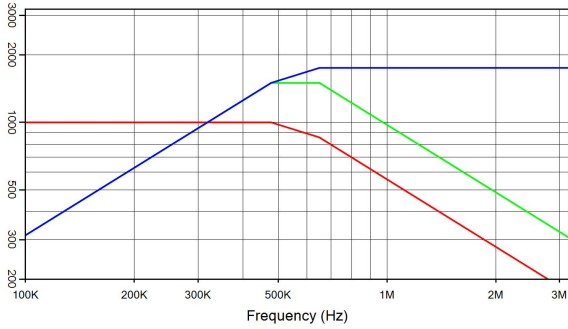
Celem Power Capacitors

Produced: 03-09-2015

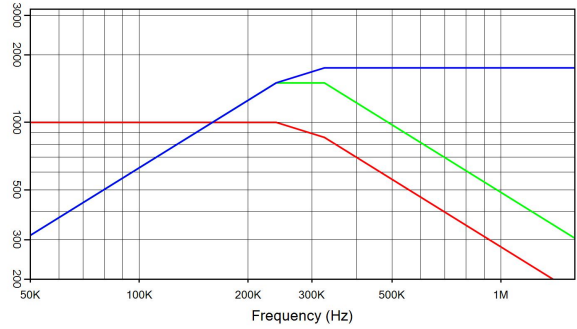
CSP1005/1500

Water-cooled capacitor

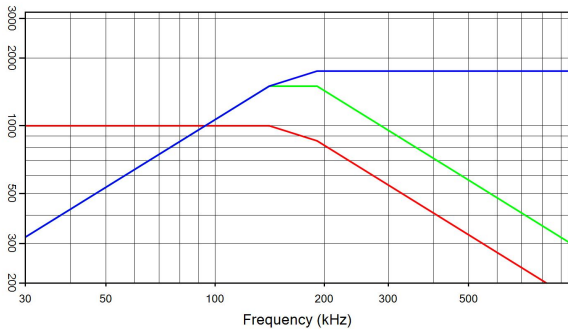
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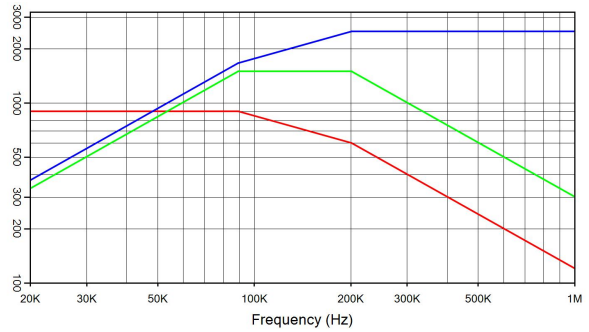
CSP1005/1500 0.5 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



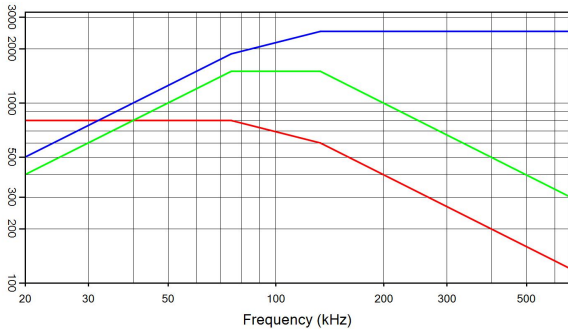
CSP1005/1500 1 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



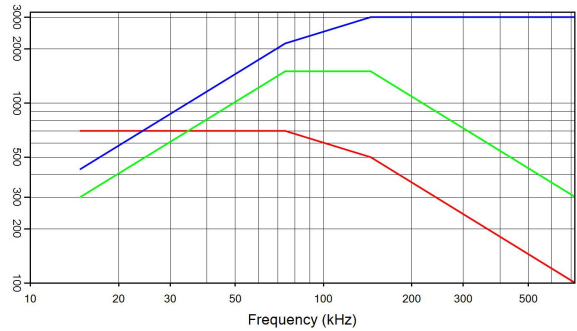
CSP1005/1500 1.7 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



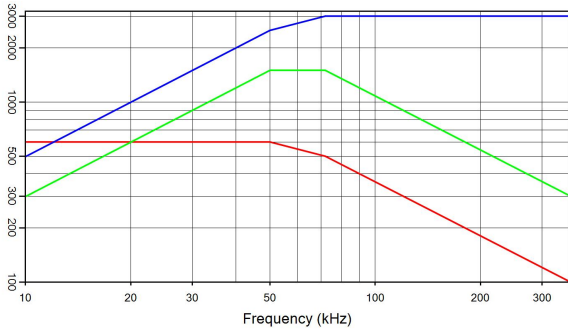
CSP1005/1500 3.3 μF 900 V_{rms} 2500 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



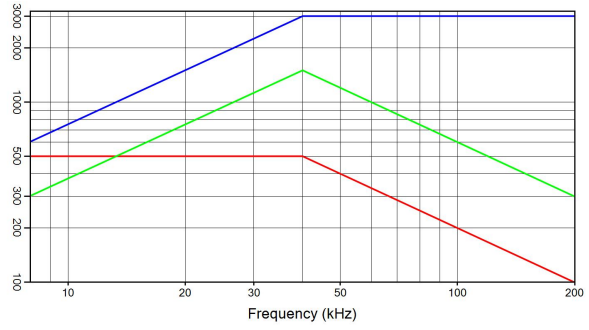
CSP1005/1500 5 μF 800 V_{rms} 2500 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSP1005/1500 6.6 μF 700 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSP1005/1500 13.2 μF 600 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}



CSP1005/1500 24 μF 500 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms}

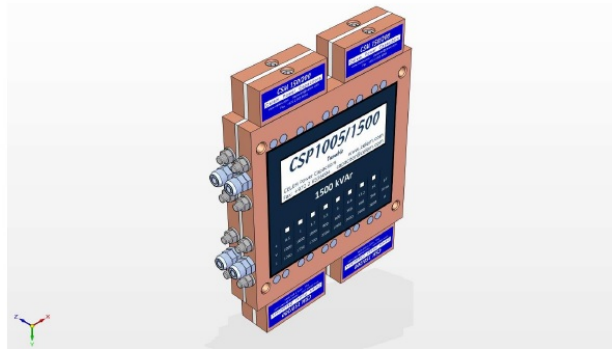
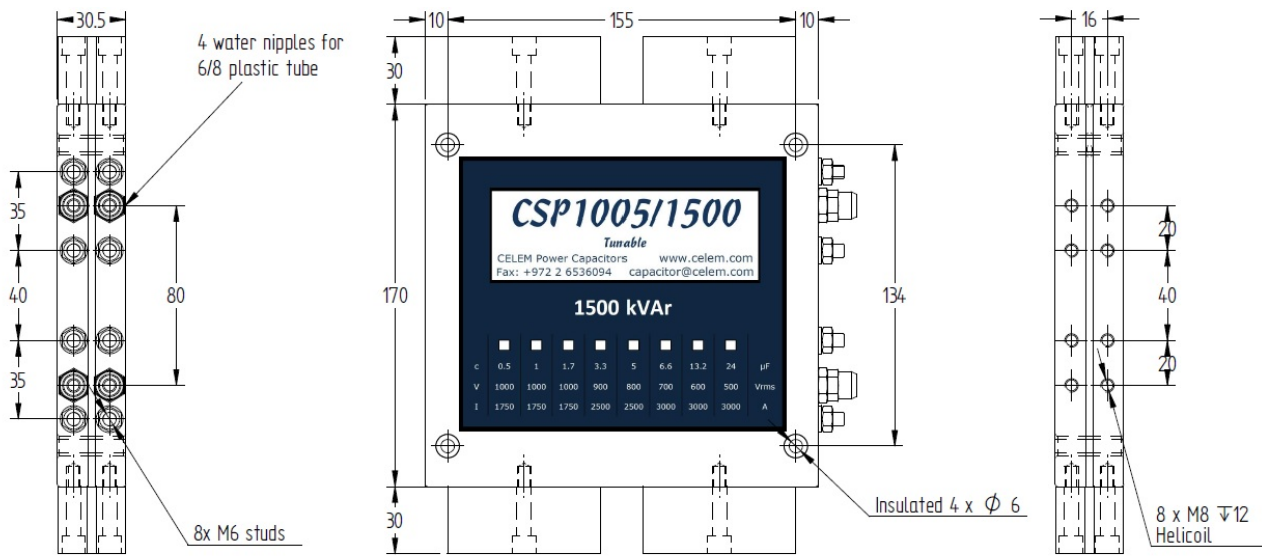
Celem Power Capacitors

Produced: 03-09-2015

CSP1005/1500 Tunable

Water-cooled capacitor

Technology Patented Worldwide



CSP 1005/1500 Tunable is very similar to the CSP 1005/1500 with a slight dimension variation. This capacitor enables tuning of the capacitance by mounting small capacitance CSM 150/200 or CSM 150/300 on the body of the CSP 1005/1500.

Specifications

Type		CSP1005/1500 Tunable								
Dimensions (L x W x H)	mm	175 x 170 x 30.5								
Weight	kg	4.2								
Capacitance ($\pm 10\%$)	μF	0.5 μF	1 μF	1.7 μF	3.3 μF	5 μF	6.6 μF	13.2 μF	24 μF	
Sinusoidal Voltage	V _{rms}	1000			900	800	700	600	500	
Peak Voltage	V	1410			1270	1130	990	850	710	
Max. Current	A _{rms}	1750			2500		3000			
Max. Power	kVA _r	1500								
Freq Range @ Full Power	kHz	478-650	239-325	141-191	89-201	75-133	74-145	50-72	40-40	
Stray Inductance	nH	< 5								

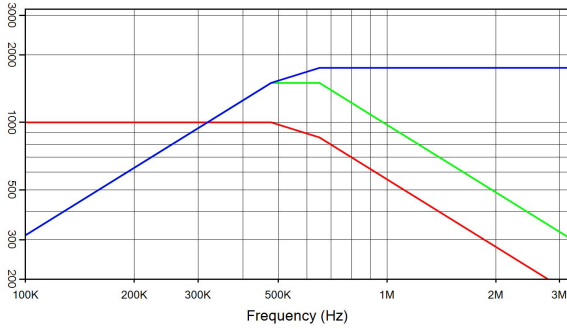
Celem Power Capacitors

Produced: 03-09-2015

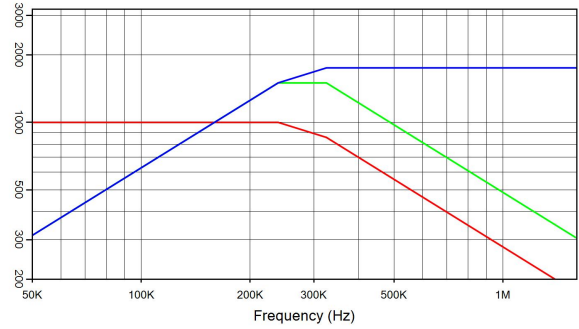
CSP1005/1500 Tunable

Water-cooled capacitor

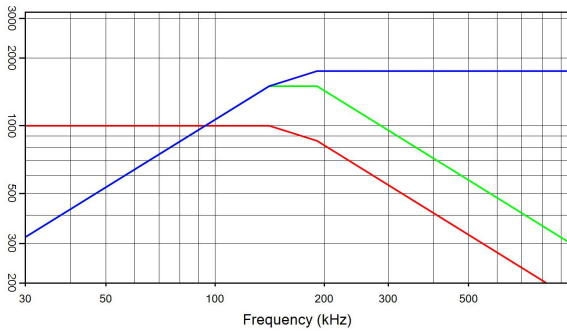
Technology Patented Worldwide



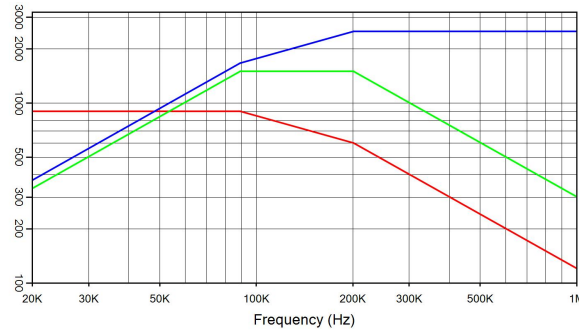
CSP1005/1500 Tunable 0.5 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



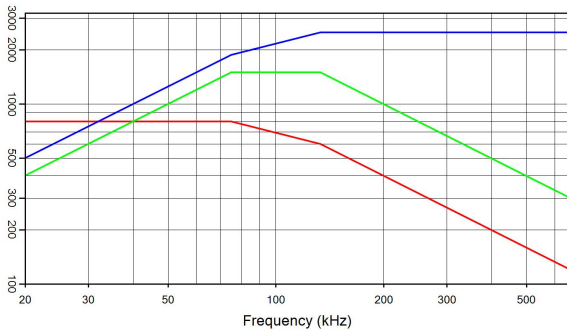
CSP1005/1500 Tunable 1 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



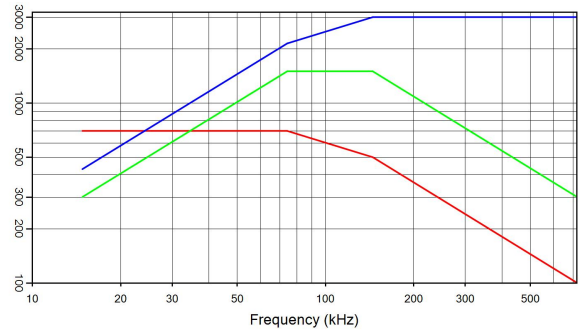
CSP1005/1500 Tunable 1.7 μF 1000 V_{rms} 1750 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



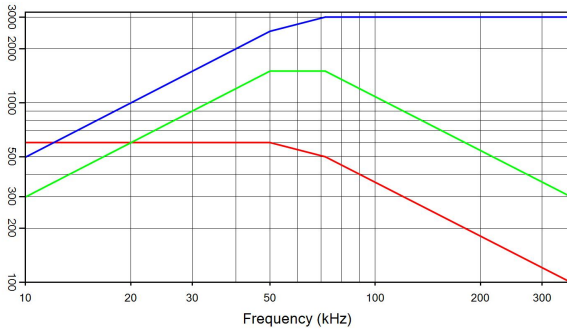
CSP1005/1500 Tunable 3.3 μF 900 V_{rms} 2500 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



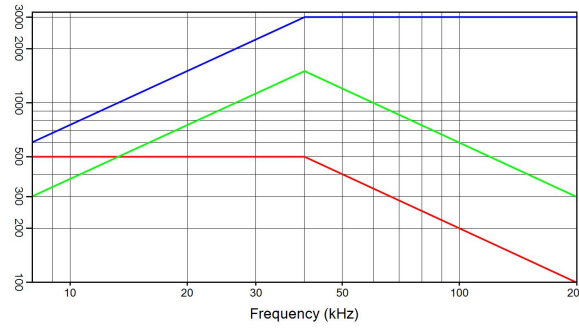
CSP1005/1500 Tunable 5 μF 800 V_{rms} 2500 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP1005/1500 Tunable 6.6 μF 700 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP1005/1500 Tunable 13.2 μF 600 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



CSP1005/1500 Tunable 24 μF 500 V_{rms} 3000 A_{rms} 1500 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —

Celem Power Capacitors

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