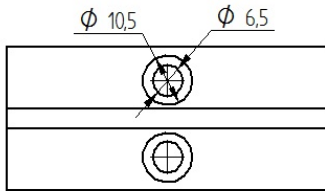
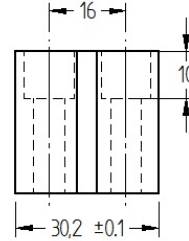


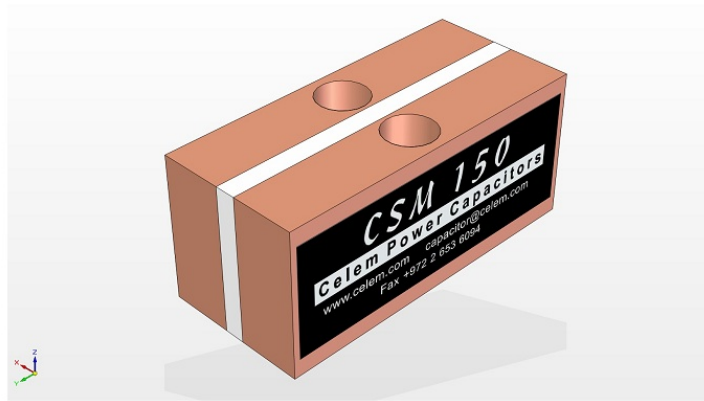
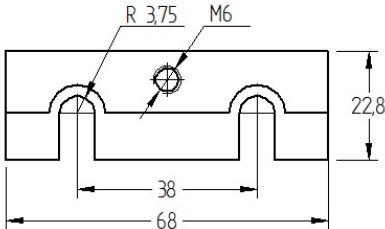
# CSM 150

Conduction-cooled capacitor

Technology Patented Worldwide



An optional adaptive shoe - for EP100/150 users



The 150kVAr rated CSM 150 and its newly developed versions (CSM 150/200 and CSM 150/300) are Celem's most popular capacitors.

The unique patented structure enables rapid mounting and dismounting of the capacitor. As a result, many customers use the CSM 150 as a building block for parallel and serial capacitor combinations.

Celem AS 150/3 and the AS 150/5 assembly systems are ideal for creating CSM 150 assemblies.

Please note that the newer CSM 150/200 and CSM 150/300 have the same physical dimensions as the CSM 150 but are rated for higher voltage and higher current and can carry up to 200 and 300kVAr respectively.

## Specifications

Type		CSM 150							
Dimensions (L x W x H)	mm	68 x 30.2 x 30							
Weight	kg	0.3							
Capacitance ( $\pm 10\%$ )	$\mu\text{F}$	0.05 $\mu\text{F}$	0.1 $\mu\text{F}$	0.17 $\mu\text{F}$	0.33 $\mu\text{F}$	0.5 $\mu\text{F}$	0.66 $\mu\text{F}$	1.33 $\mu\text{F}$	2.4 $\mu\text{F}$
Sinusoidal Voltage	V <sub>rms</sub>	1000		700		600	500	400	
Peak Voltage	V	1410		990		850	710	570	
Max. Current	A <sub>rms</sub>	200		250		300		400	
Max. Power	kVA <sub>r</sub>	150							
Freq Range @ Full Power	kHz	478-849	239-425	287-390	148-201	97-133	101-145	72-72	62-71
Stray Inductance	nH	<3							

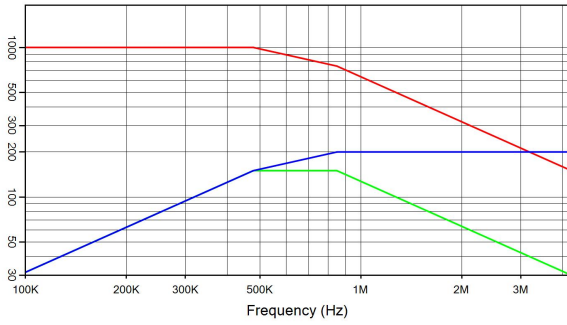
**Celem Power Capacitors**

Produced: 03-09-2015

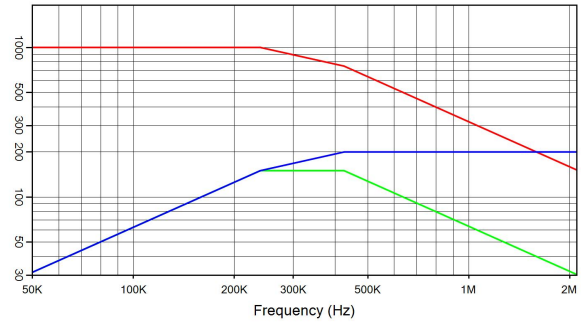
# CSM 150

Conduction-cooled capacitor

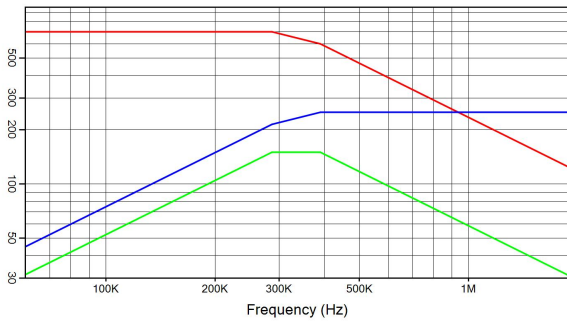
Technology Patented Worldwide



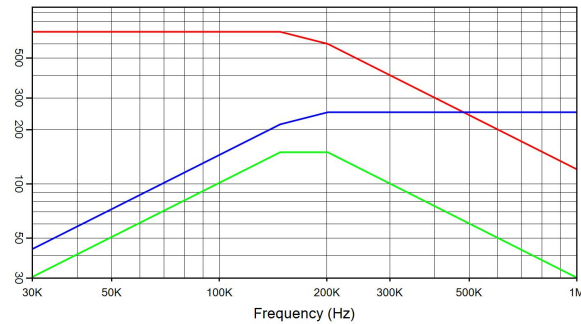
**CSM 150 0.05  $\mu$ F 1000 V<sub>rms</sub> 200 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



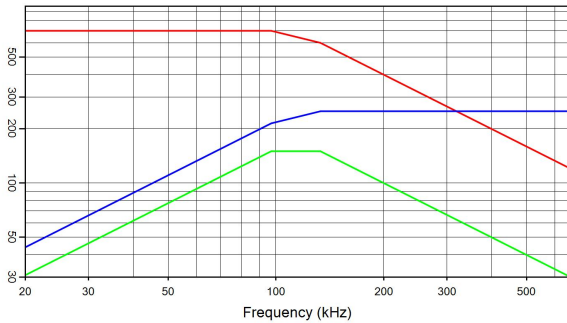
**CSM 150 0.1  $\mu$ F 1000 V<sub>rms</sub> 200 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



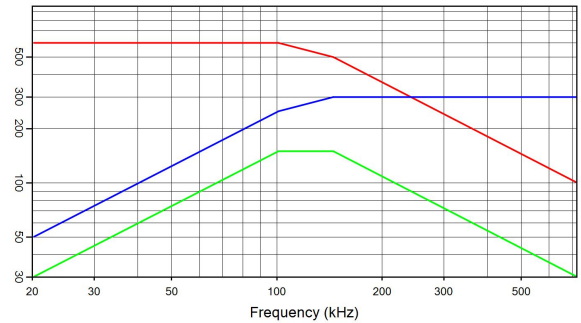
**CSM 150 0.17  $\mu$ F 700 V<sub>rms</sub> 250 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



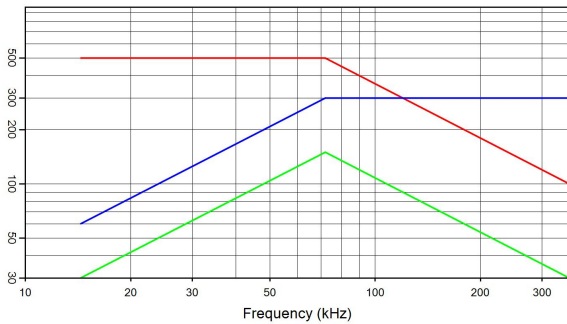
**CSM 150 0.33  $\mu$ F 700 V<sub>rms</sub> 250 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



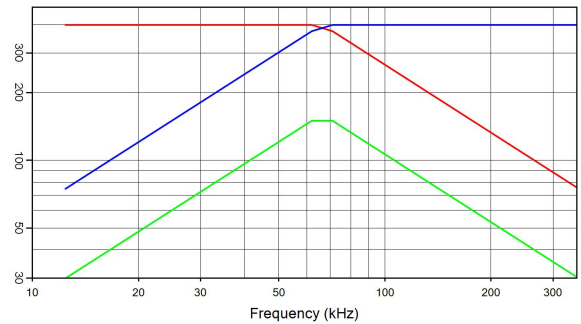
**CSM 150 0.5  $\mu$ F 700 V<sub>rms</sub> 250 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



**CSM 150 0.66  $\mu$ F 600 V<sub>rms</sub> 300 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



**CSM 150 1.33  $\mu$ F 500 V<sub>rms</sub> 300 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)



**CSM 150 2.4  $\mu$ F 400 V<sub>rms</sub> 400 A<sub>rms</sub> 150 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — I(A)

*Celem Power Capacitors*