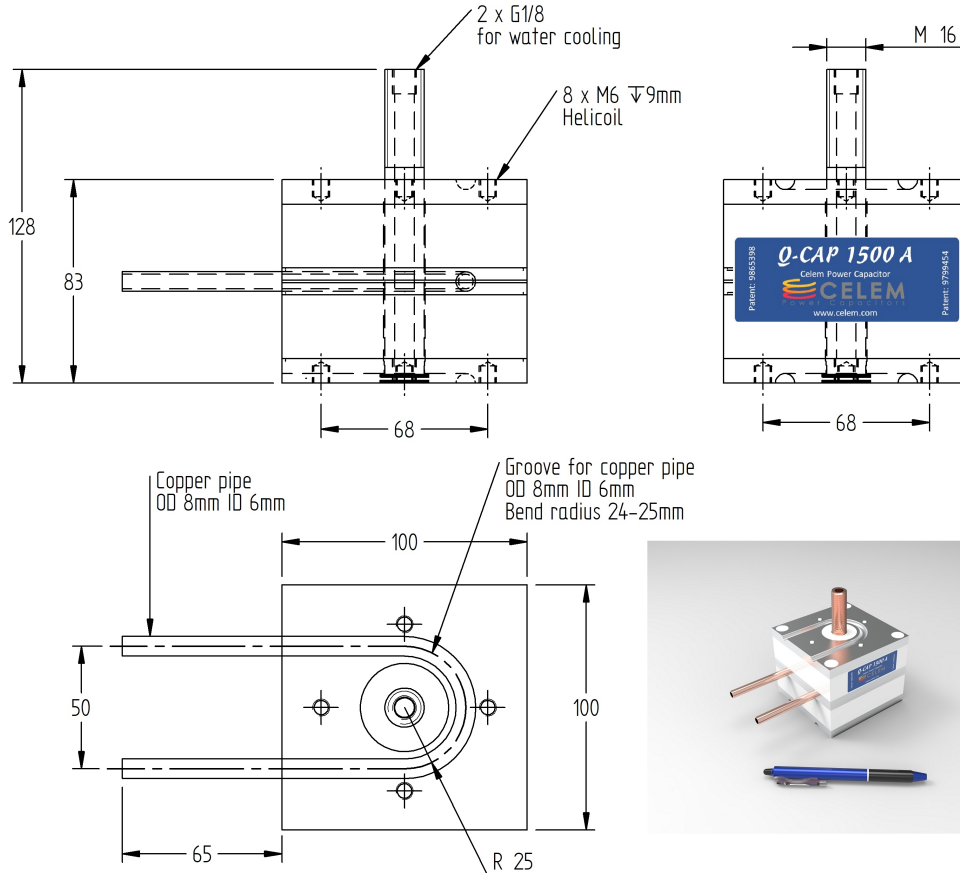


# Q-CAP 1500

Conduction-cooled capacitor



Technology Patented Worldwide



Q-CAP 1500 is a new capacitor by Celem combining 3 state of the art technologies developed and patented by Celem.

Q-CAP 1500 brings the best technology at the best value for our customers.

Q-CAP 1500 is protected by US Patents 9799454 and 9865398 and other patents pending.

- Recommended torque for M16: 15-20 Nm, for M6: 10 Nm.

- Cooling: conduction cooling from both sides of the capacitor and water cooling through the central M16 rod.

External temperature of the capacitor must not exceed 55°C.

## Specifications

Type		Q-CAP 1500					
Dimensions (L x W x H)	mm	100 x 100 x 108					
Weight	kg	1.5					
Capacitance ( $\pm 10\%$ )	$\mu\text{F}$	0.65 $\mu\text{F}$	1 $\mu\text{F}$	1.9 $\mu\text{F}$	3.2 $\mu\text{F}$	4.6 $\mu\text{F}$	9 $\mu\text{F}$
Sinusoidal Voltage	$V_{\text{rms}}$	1800	1600	1400	1300	1100	900
Peak_Voltage	V	2546	2263	1980	1838	1556	1273
Max. Current	$A_{\text{rms}}$	900	950	1150	1250	1500	1700
Max. Power	$\text{kVA}_r$	1500					
Freq Range @ Full Power	kHz	113-132	93-96	64-74	44-52	43-52	33-34

# Celem Power Capacitors

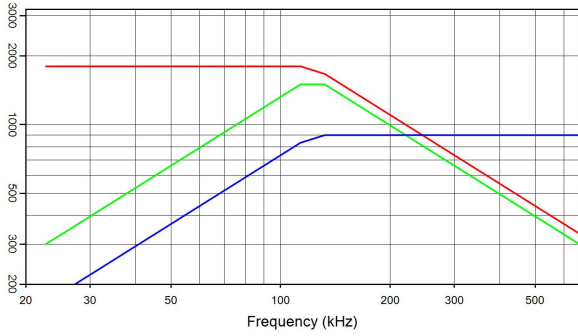
Produced: 10/03/2024

# Q-CAP 1500

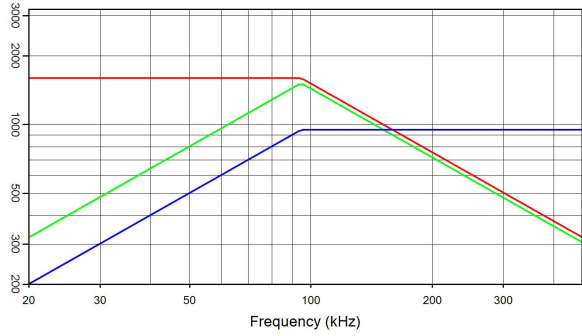
Conduction-cooled capacitor



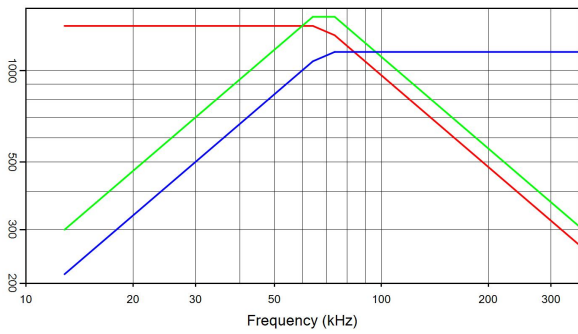
Technology Patented Worldwide



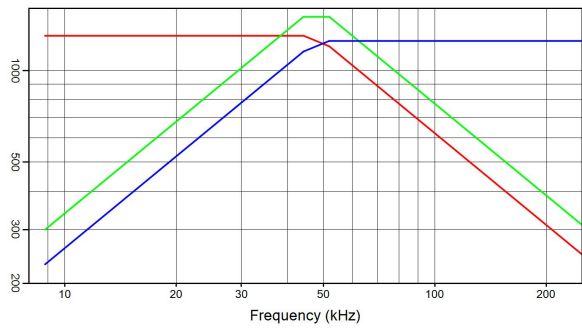
**Q-CAP 1500 0.65 µF 1800 V<sub>rms</sub> 900 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



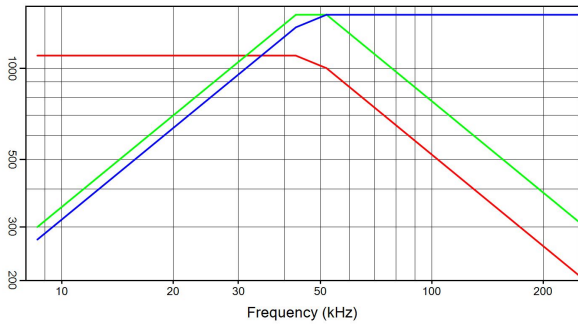
**Q-CAP 1500 1 µF 1600 V<sub>rms</sub> 950 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



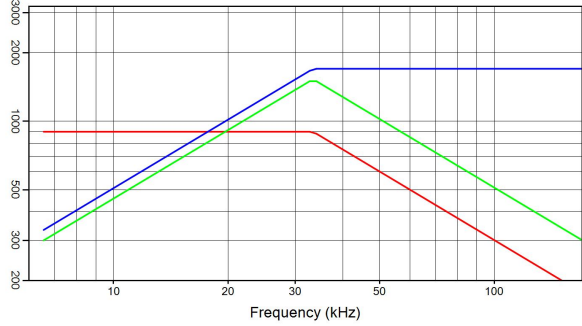
**Q-CAP 1500 1.9 µF 1400 V<sub>rms</sub> 1150 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**Q-CAP 1500 3.2 µF 1300 V<sub>rms</sub> 1250 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**Q-CAP 1500 4.6 µF 1100 V<sub>rms</sub> 1500 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**Q-CAP 1500 9 µF 900 V<sub>rms</sub> 1700 A<sub>rms</sub> 1500 kVA<sub>r</sub>**  
I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>