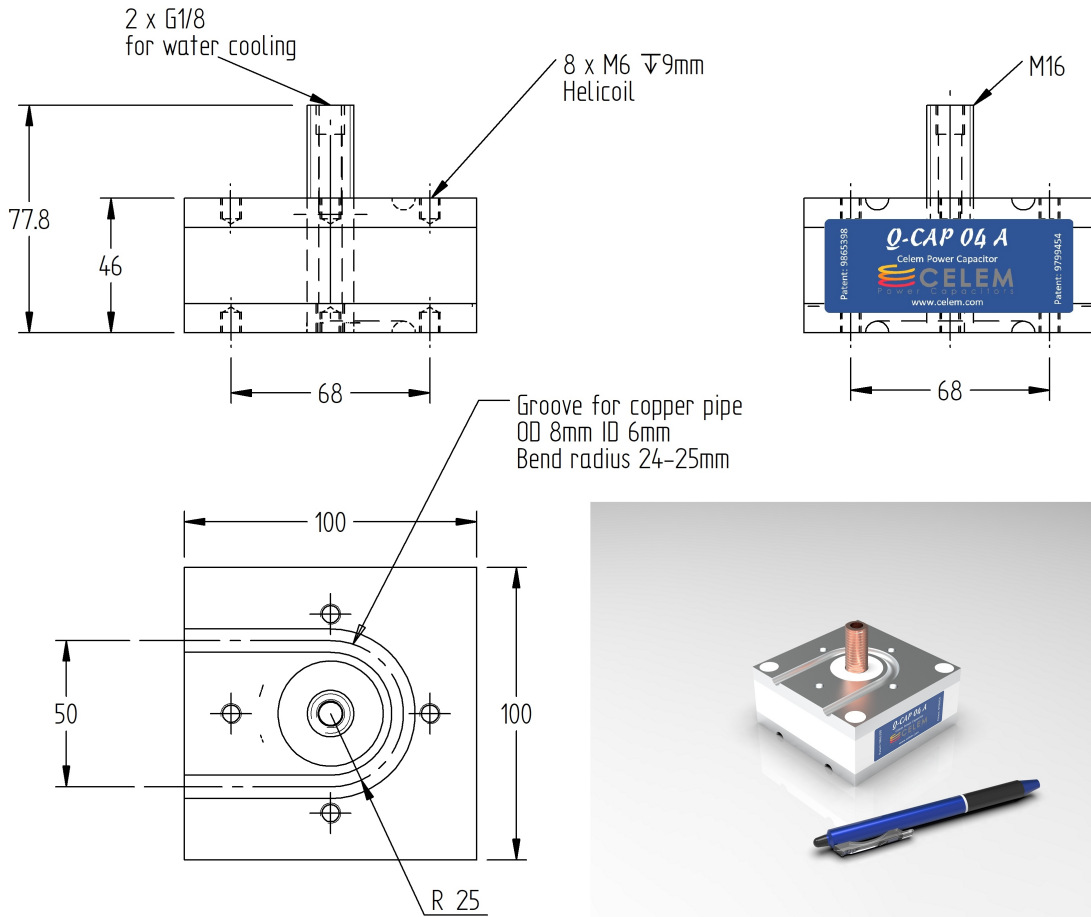


# Q-CAP 04 A 1000

Conduction-cooled capacitor



Q-CAP 04 was designed to further increase the flexibility of C-CAP series and enable conduction cooling.

Q-CAP 04 has an excellent price/kVAr ratio. Q-CAP 04 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. For usage at maximal power it is recommended to cool M16 rod. External temperature of the capacitor must not exceed 55°C.

## Specifications

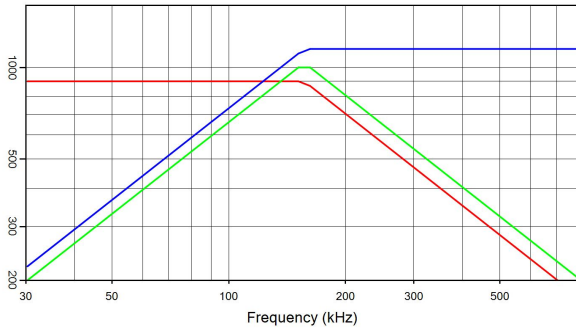
Type		Q-CAP 04 A 1000					
Dimensions (L x W x H)	mm	100 x 100 x 48					
Weight	kg	0.9					
Capacitance ( $\pm 10\%$ )	$\mu\text{F}$	1.3 $\mu\text{F}$	2.2 $\mu\text{F}$	3.8 $\mu\text{F}$	6.3 $\mu\text{F}$	9.5 $\mu\text{F}$	16 $\mu\text{F}$
Sinusoidal Voltage	$V_{\text{rms}}$	900	800	700	650	550	500
Peak_Voltage	V	1273	1131	990	919	778	707
Max. Current	$A_{\text{rms}}$	1150	1250	1450	1550	1850	2000
Max. Power	kVA <sub>r</sub>	1000					
Freq Range @ Full Power	kHz	151-162	113-113	86-88	60-61	55-57	40-40

# Q-CAP 04 A 1000

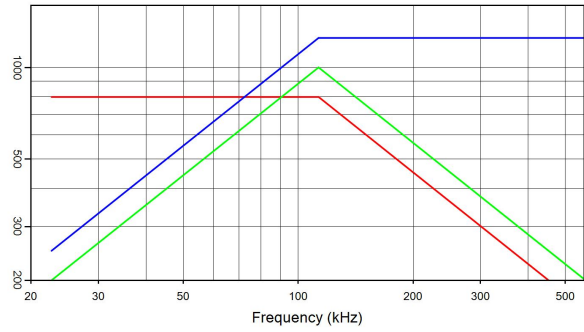
Conduction-cooled capacitor



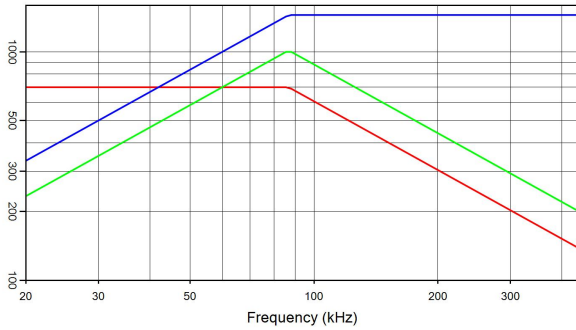
Technology Patented Worldwide



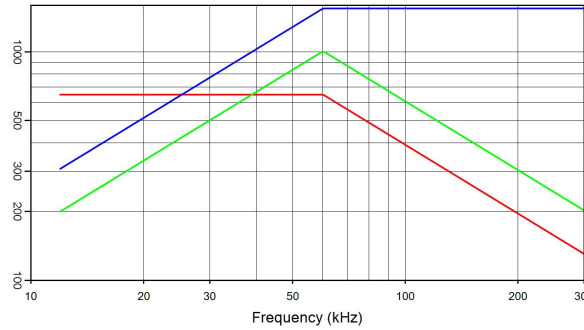
**Q-CAP 04 A 1000**  
**1.3 µF 900 V<sub>rms</sub> 1150 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



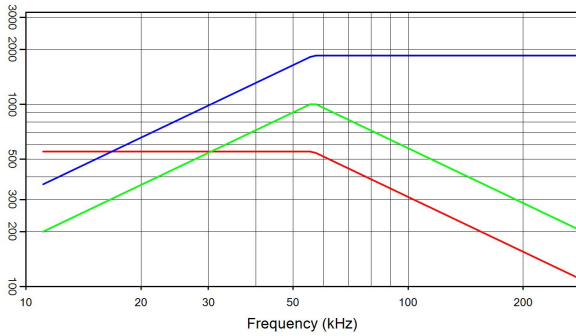
**Q-CAP 04 A 1000**  
**2.2 µF 800 V<sub>rms</sub> 1250 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



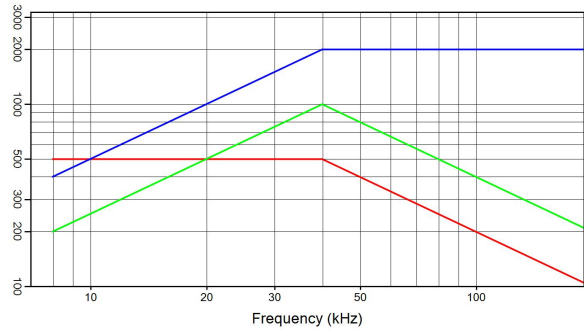
**Q-CAP 04 A 1000**  
**3.8 µF 700 V<sub>rms</sub> 1450 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**Q-CAP 04 A 1000**  
**6.3 µF 650 V<sub>rms</sub> 1550 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**Q-CAP 04 A 1000**  
**9.5 µF 550 V<sub>rms</sub> 1850 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —



**Q-CAP 04 A 1000**  
**16 µF 500 V<sub>rms</sub> 2000 A<sub>rms</sub> 1000 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> —