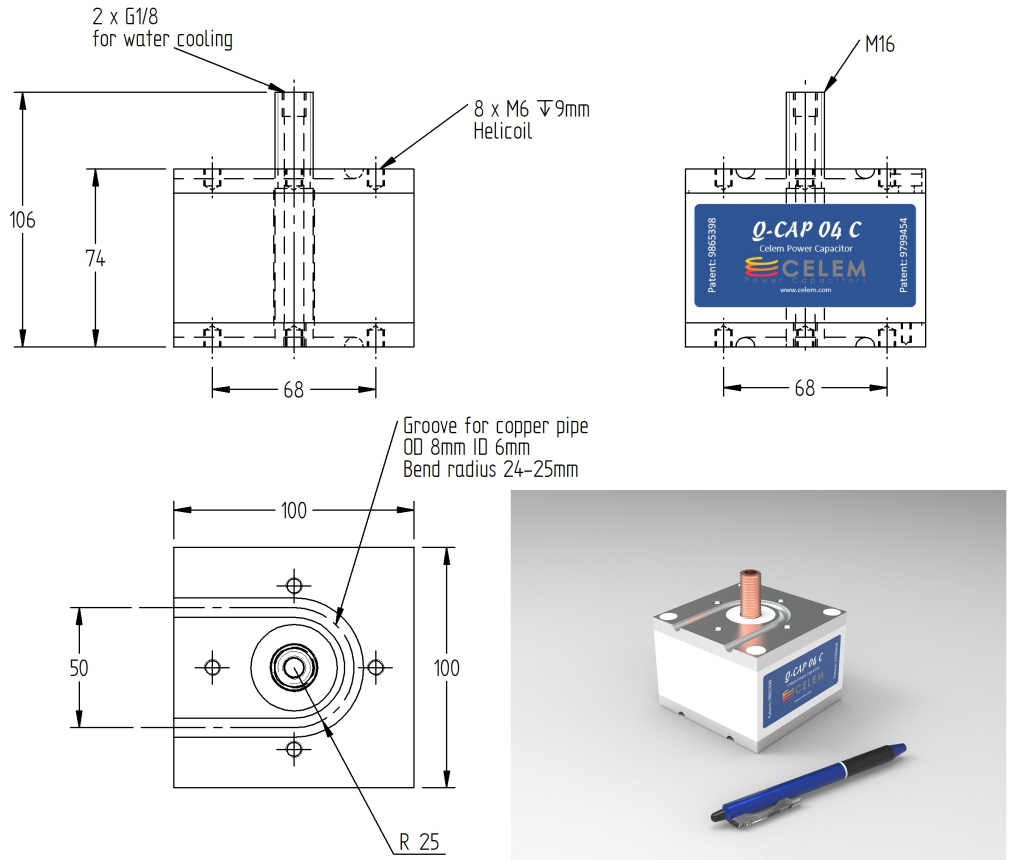
Q-CAP 04 C 1000

Technology Patented Worldwide



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 C 1000						
Dimensions (L x W x H)	mm	100x100x74						
Weight	kg	1.2						
Capacitance (±10%)	µF	3.3µF	5.8µF	8µF	12µF	17µF	28µF	50µF
Sinusoidal Voltage	V_{rms}	900	800	750	700	650	550	450
Peak_Voltage	V	1273	1131	1061	990	919	778	636
Max. Current	A_{rms}	1150	1250	1350	1450	1550	1850	2250
Max. Power	kVA_r	1000						
Freq Range @ Full Power	kHz	60-64	43-43	35-36	27-28	22-23	18.8-18.8	15.7-15.5

Celem Power Capacitors

Produced: 07/02/2024

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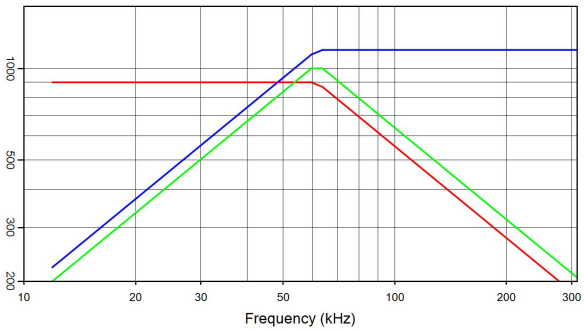
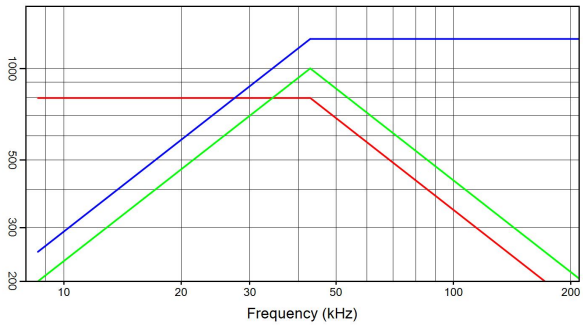


Q-CAP 04 C 1000

3.3 µF 900 V_{rms} 1150 A_{rms} 1000 kVA_r

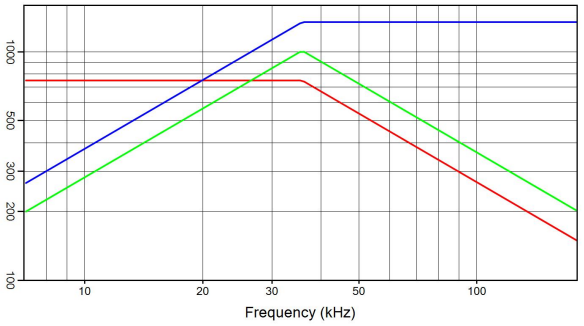
I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

5.8 µF 800 V_{rms} 1250 A_{rms} 1000 kVA_r

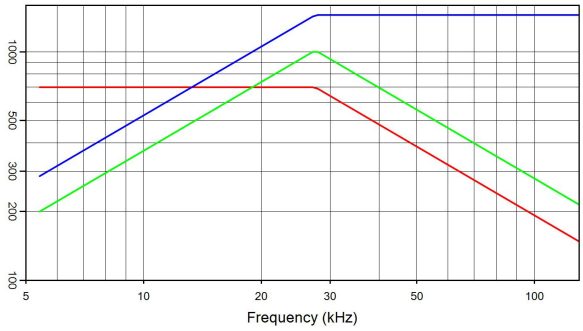
I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

8 µF 750 V_{rms} 1350 A_{rms} 1000 kVA_r

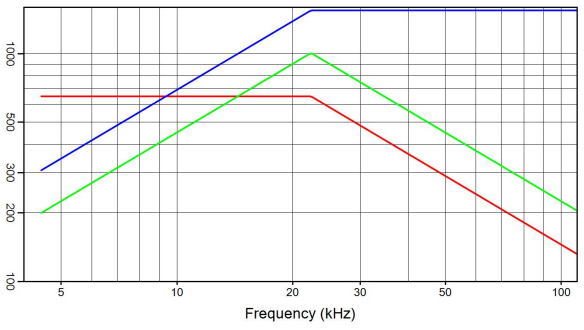
I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

12 µF 700 V_{rms} 1450 A_{rms} 1000 kVA_r

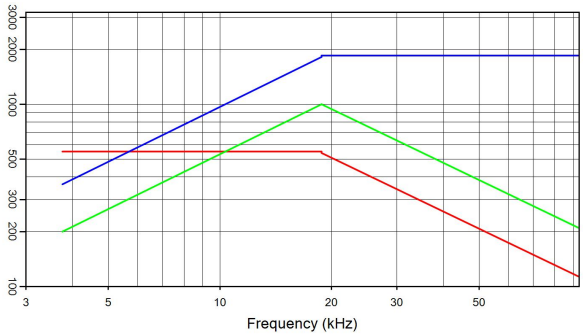
I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

17 µF 650 V_{rms} 1550 A_{rms} 1000 kVA_r

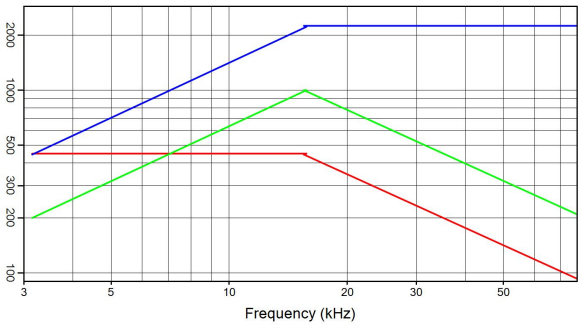
I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

28 µF 550 V_{rms} 1850 A_{rms} 1000 kVA_r

I(A) Q(kVA_r) V_{rms}



Q-CAP 04 C 1000

50 µF 450 V_{rms} 2250 A_{rms} 1000 kVA_r

I(A) Q(kVA_r) V_{rms}

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