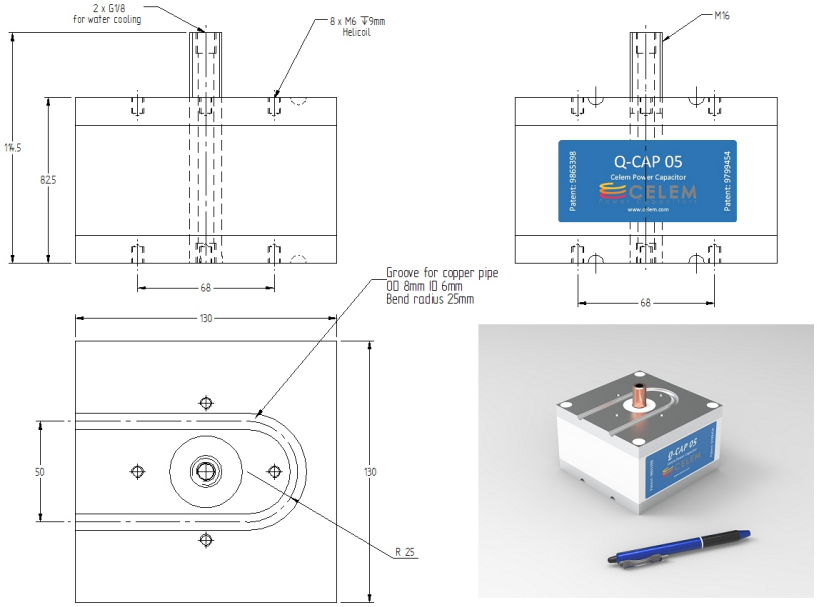
Q-CAP 05

Water-cooled capacitor

RoHS

Technology Patented Worldwide



Q-CAP 05 was designed to further increase the flexibility of Q-CAP series and enable conduction cooling.

Q-CAP 05 has an excellent price/kVAr ratio.Q-CAP 05 is protected by US Patents 9799454 and 9865398, other patents pending.

- Recommended torque for M16: 15-20 Nm, for M6: 10Nm.
- Cooling: conduction cooling from both sides of the capacitor. External temperature of the capacitor must not exceed 55°C.

Specifications

Type		Q-CAP 05						
Dimensions (L x W x H)	mm	130 x 130 x 82.5						
Weight	kg	2.5						
Capacitance (±10%)	µF	$5_{\mu F}$	$9_{\mu F}$	$14_{\mu F}$	$19_{\mu F}$	$27_{\mu F}$	$46_{\mu F}$	$85_{\mu F}$
Sinusoidal Voltage	V_{rms}	900	800	750	700	650	550	500
Peak_Voltage	V	1273	1131	1061	990	919	778	707
Max. Current	A_{rms}	1250		1600	1700	2150	2200	2500
Max. Power	kVA_r	1000						
Freq Range @ Full Power	kHz	39-50	28-28	20-29	17.1-24	14-27	11.4-16.8	7.5-11.7

Celem Power Capacitors

Produced: 07/06/2026

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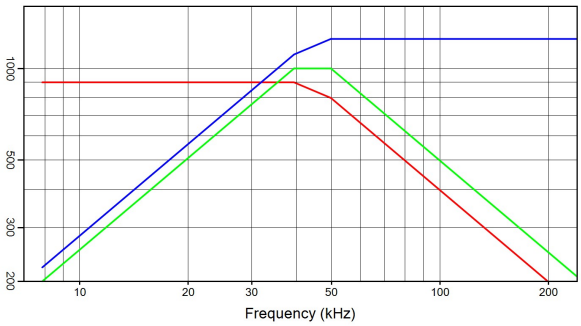
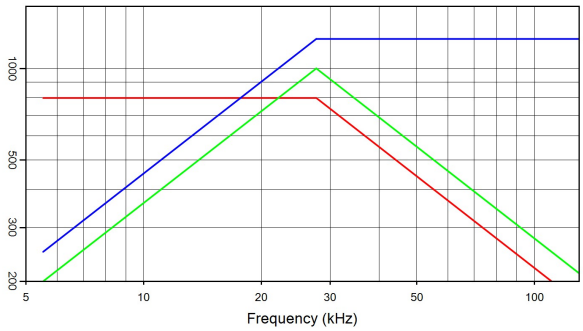


Q-CAP 05 5 µF 900 V_{rms} 1250 A_{rms} 1000 kVA_r

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



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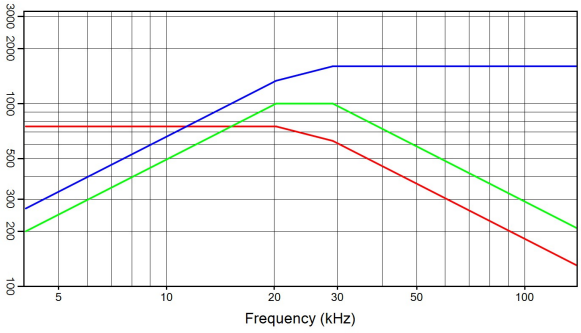
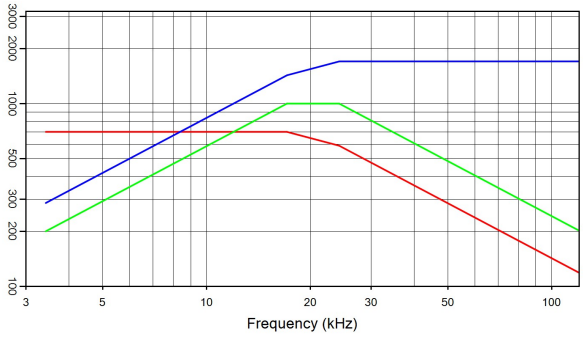


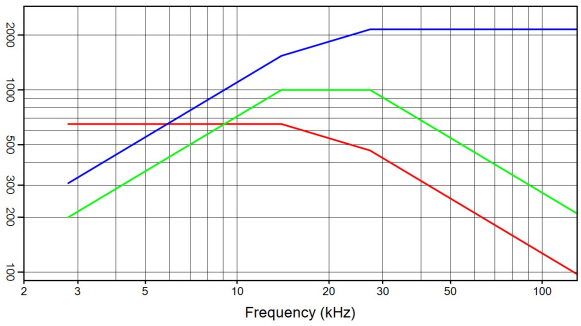
Q-CAP 05 14 µF 750 V_{rms} 1600 A_{rms} 1000 kVA_r

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



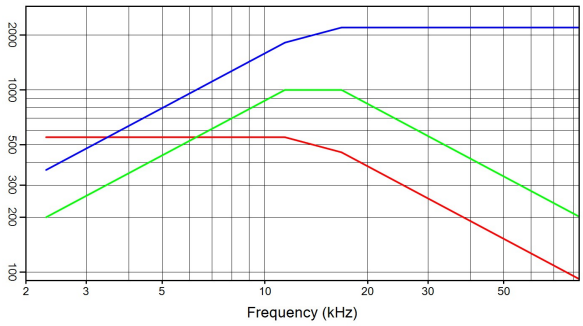
Q-CAP 05 19 µF 700 V_{rms} 1700 A_{rms} 1000 kVA_r

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



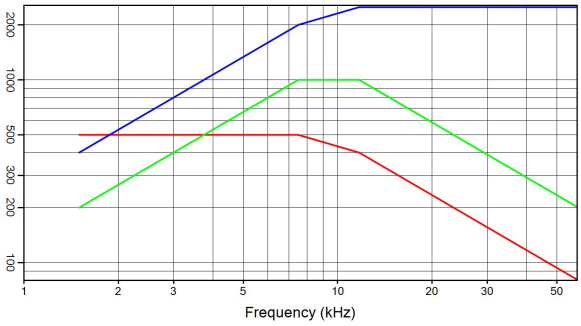
Q-CAP 05 27 µF 650 V_{rms} 2150 A_{rms} 1000 kVA_r

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



Q-CAP 05 46 µF 550 V_{rms} 2200 A_{rms} 1000 kVA_r

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



Q-CAP 05 85 µF 500 V_{rms} 2500 A_{rms} 1000 kVA_r

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

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