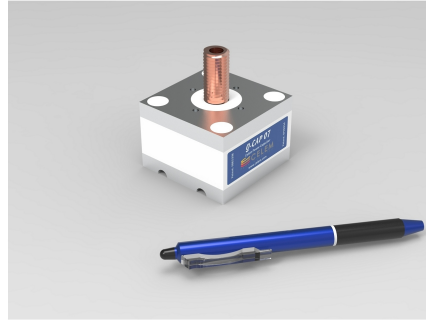
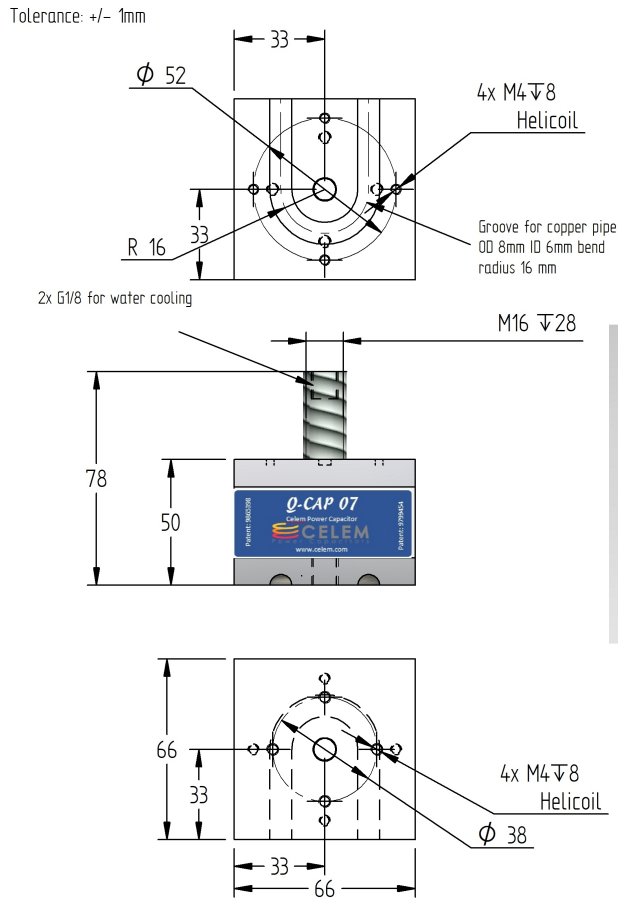


Q-CAP 07 400

Conduction-cooled capacitor



Technology Patented Worldwide



Preliminary

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

Q-CAP 07 is a small Q-CAP, which has the advantages of Q-CAP with a smaller volume, power and price. The Q-CAP 07 was designed to enable fine tuning of large Q-CAP V-CAP or C-CAP systems and can also be used in systems which require smaller power.

Q-CAP 07 can be mounted together, on the same busbar with all other Q-CAPs / V-CAPs / C-CAPs and uses the same M16 nut.

Recommended torque for M16: 15-20 Nm, for M4: 10 Nm.

Q-CAP 07 is protected by US Patents 9799454 and 9865398 and other patents pending.

Specifications

Type		Q-CAP 07 400											
Dimensions (L x W x H)	mm	66 x 66 x 50											
Weight	kg	0.5											
Capacitance ($\pm 10\%$)	μF	0.1 μF	0.2 μF	0.33 μF	0.4 μF	0.66 μF	1 μF	1.33 μF	2 μF	3 μF	5 μF	6 μF	
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}	300		450	500	550	600	650	750	800	850		
Max. Power	kVA_r	250			400								
Freq Range @ Full Power	kHz	491-573	246-287	238-244	197-202	151-151	113-120	98-108	75-84	70-75	51-51	42-48	

Celem Power Capacitors

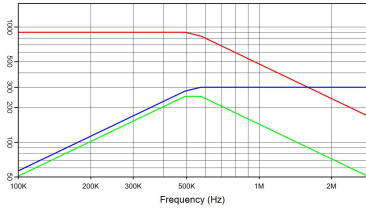
Produced: 05/06/2024

Q-CAP 07 400

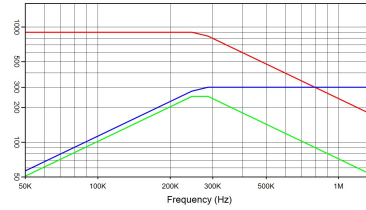
Conduction-cooled capacitor



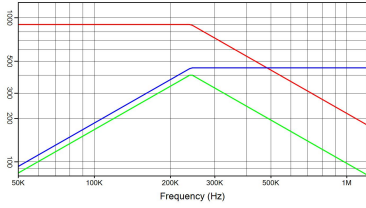
Technology Patented Worldwide



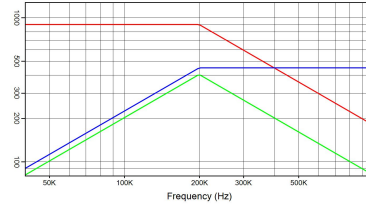
Q-CAP 07 400 0.1 µF 900 V_{rms} 300 A_{rms} 250 kVA_r
I(A) — Q(kVA_r) — V_{rms}



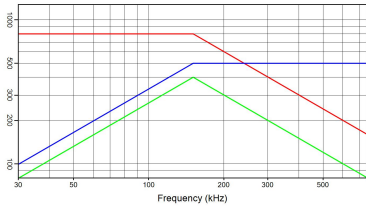
Q-CAP 07 400 0.2 µF 900 V_{rms} 300 A_{rms} 250 kVA_r
I(A) — Q(kVA_r) — V_{rms}



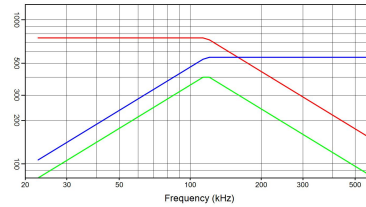
Q-CAP 07 400 0.33 µF 900 V_{rms} 450 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



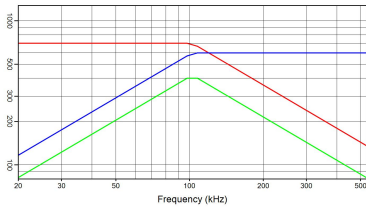
Q-CAP 07 400 0.4 µF 900 V_{rms} 450 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



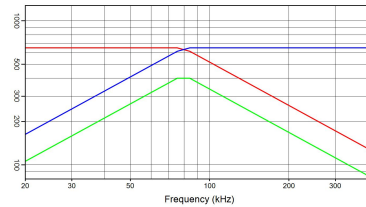
Q-CAP 07 400 0.66 µF 800 V_{rms} 500 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



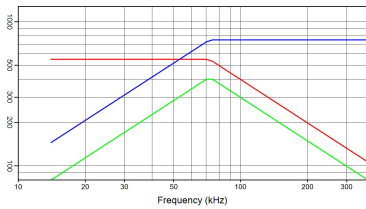
Q-CAP 07 400 1 µF 750 V_{rms} 550 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



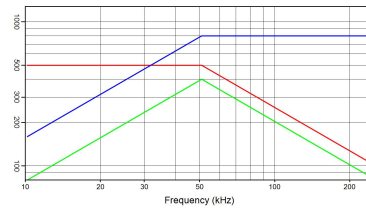
Q-CAP 07 400 1.33 µF 700 V_{rms} 600 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



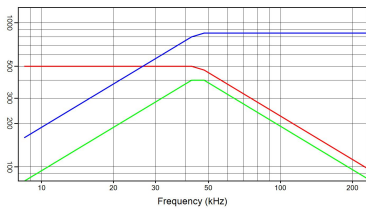
Q-CAP 07 400 2 µF 650 V_{rms} 650 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



Q-CAP 07 400 3 µF 550 V_{rms} 750 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



Q-CAP 07 400 5 µF 500 V_{rms} 800 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}



Q-CAP 07 400 6 µF 500 V_{rms} 850 A_{rms} 400 kVA_r
I(A) — Q(kVA_r) — V_{rms}

Celem Power Capacitors

Produced: 05/06/2024