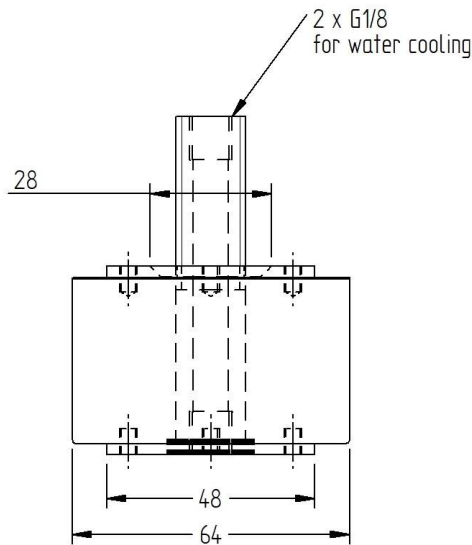
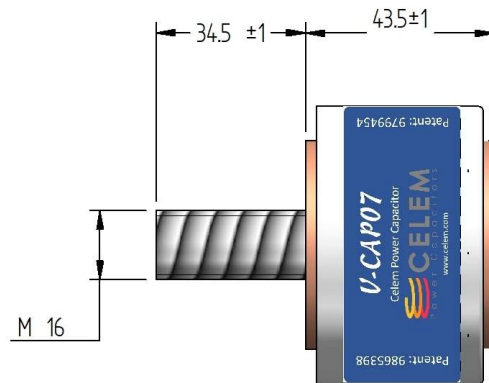
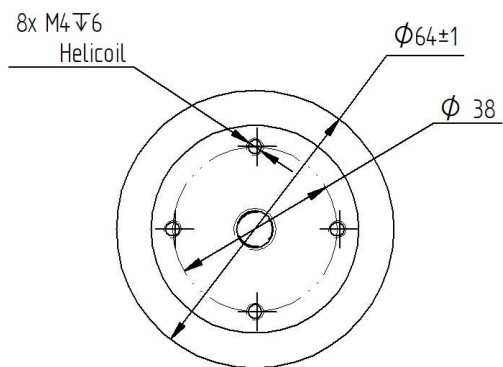


V-CAP 07 400

Conduction-cooled capacitor



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

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

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

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

Specifications

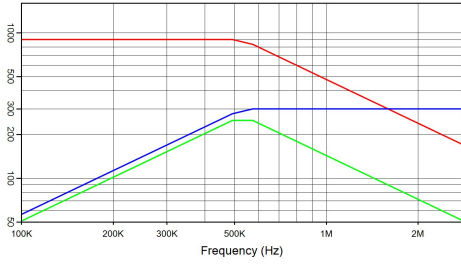
| Type | | V-CAP 07 400 | | | | | | | | | | | |
|----------------------------|------------------|-----------------------|-------------------|--------------------|-------------------|--------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|--|
| Dimensions (D x H) | mm | $\phi 64 \times 43.5$ | | | | | | | | | | | |
| 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 | |

V-CAP 07 400

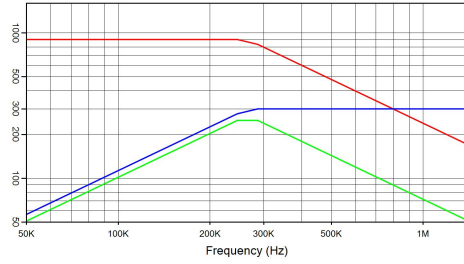
Conduction-cooled capacitor



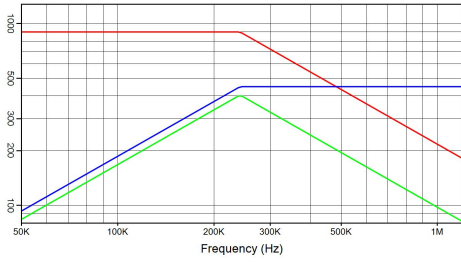
Technology Patented Worldwide



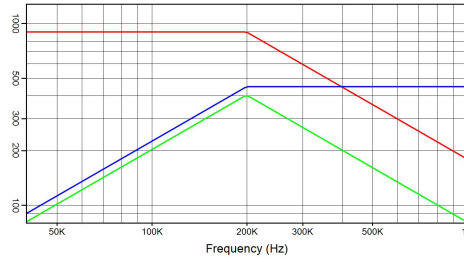
V-CAP 07 400
0.1 µF 900 V_{rms} 300 A_{rms} 250 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



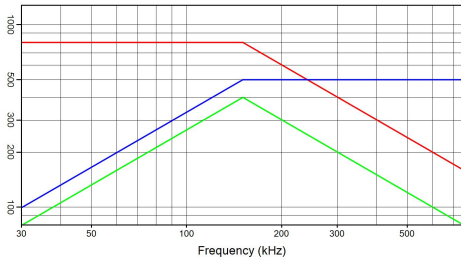
V-CAP 07 400
0.2 µF 900 V_{rms} 300 A_{rms} 250 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



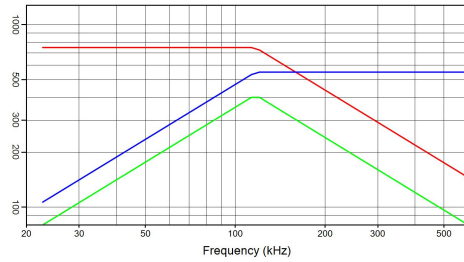
V-CAP 07 400
0.33 µF 900 V_{rms} 450 A_{rms} 400 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



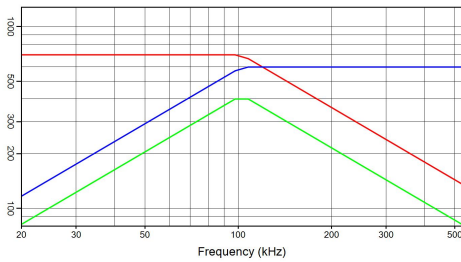
V-CAP 07 400
0.4 µF 900 V_{rms} 450 A_{rms} 400 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



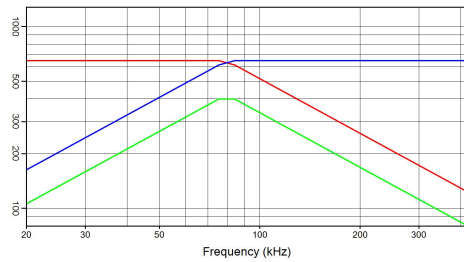
V-CAP 07 400
0.66 µF 800 V_{rms} 500 A_{rms} 400 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —



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



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



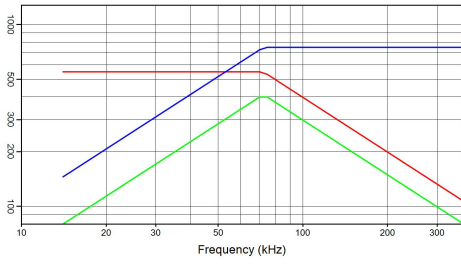
V-CAP 07 400
2 µF 650 V_{rms} 650 A_{rms} 400 kVA_r
 I(A) — Q(kVA_r) — V_{rms} —

V-CAP 07 400

Conduction-cooled capacitor

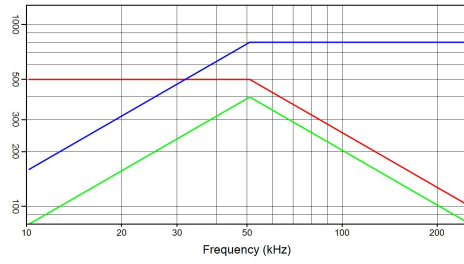


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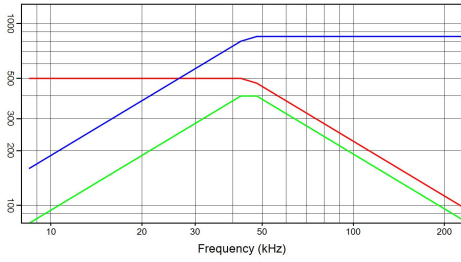
V-CAP 07 400

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



V-CAP 07 400

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



V-CAP 07 400

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