

The capacitors are designed using in medium to high frequency induction heating power supplies. They are conduction cooled via the bus bar.

Reference standard IEC 61071.

Features:

- ◆ Dry type construction polypropylene dielectric, miniature size.
- ◆ Very low series inductance design and high stability.
- ◆ Available continuous work in high current.
- ◆ Conduction cooled type, good to dissipate heat.

ISO 9001:2015 Company



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Specification:

Type	Nominal Capacitance μF±10% @1kHz	Rated Voltage (Vrms)	Max. Current (Irms)	Max. Power (kVAr)	Frequency Range(kHz) (Full Load)	ESL nH	Dimensions mm			Approx. Weight (kg)	Fig.
							L	W/D	H		
180/200 kVAr											
CC1-11U2502E	0.025	1100	200	180	947~1415	< 3	35	35	30.2	0.2	E
CC1-11U5002E	0.05	1100	200	180	474~708	< 3	35	35	30.2	0.2	E
CC2-10U1003F	0.10	1000	250	200	318~497	< 3	68	30	30	0.5	F
CC2-9U1703E	0.17	900	250	200	231~293	< 3	35	35	30.2	0.2	E
CC2-8U2503E	0.25	800	270	200	199~232	< 3	35	35	30.2	0.2	E
CC2-7U3303E	0.33	700	300	200	197~217	< 3	35	35	30.2	0.2	E
CC2-7U6603F	0.66	700	400	200	98~193	< 3	68	30	30	0.5	F
CC2-6U6603E	0.66	600	350	200	134~148	< 3	35	35	30.2	0.2	E
CC2-6U1334F	1.33	600	450	200	66~121	< 3	68	30	30	0.5	F
CC2-4U2404F	2.40	450	500	200	65~85	< 3	68	30	30	0.5	F
300 kVAr											
CC3-10U2003A	0.20	1000	500	300	238~663	< 5	78	78	34	0.5	A
CC3-10U2003D	0.20	1000	500	300	238~663	< 5	60	60	30	0.5	D
CC3-7U6603A	0.66	700	500	300	148~201	< 5	78	78	34	0.5	A
CC3-6U1004G	1.00	600	650	300	133~224	< 5	75	50	30.2	0.5	G
CC3-6U1304G	1.30	600	650	300	102~172	< 5	75	50	30.2	0.5	G
CC3-5U2604G	2.60	500	650	300	73~86	< 5	75	50	30.2	0.5	G
CC3-4U5004A	5.00	400	800	300	60~68	< 5	78	78	34	0.5	A
CC3-4U5004D	5.00	400	800	300	60~68	< 5	60	60	40	0.5	D
CC3-4U5004G	5.00	400	800	300	60~68	< 5	75	50	30.2	0.5	G
400 kVAr											
CC4-10U1003D	0.10	1000	400	400	637	< 5	60	60	30	0.6	D
CC4-10U2003D	0.20	1000	400	400	318	< 5	60	60	30	0.6	D
CC4-10U3303A	0.33	1000	600	400	194~434	< 5	78	78	34	0.5	A
CC4-10U3303B	0.33	1000	600	400	193~434	< 5	78	78	34	0.5	B
CC4-10U3303D	0.33	1000	600	400	193~434	< 5	60	60	30	0.6	D
CC4-10U6603A	0.66	1000	600	400	96~217	< 5	78	78	34	0.5	A
CC4-10U6603D	0.66	1000	600	400	96~217	< 5	60	60	30	0.6	D
CC4-9U1334D	1.33	900	850	400	59~216	< 5	60	60	30	0.6	D
CC4-8U1004D	1.00	800	650	400	99~168	< 5	60	60	30	0.6	D
CC4-7U2604A	2.60	700	950	400	50~138	< 5	78	78	34	0.5	A
CC4-7U2604D	2.60	700	950	400	50~138	< 5	60	60	30	0.6	D
CC4-5U5004A	5.00	500	1000	400	51~80	< 5	78	78	34	0.5	A
CC4-5U5004D	5.00	500	1000	400	51~80	< 5	60	60	30	0.6	D
500 kVAr											
CC5-11U1404C	1.40	1100	600	500	47~82	< 10	100	100	40	0.6	C
CC5-7U6304H	6.30	700	1000	500	26~51	< 10	53	82	71.5	1.1	H
CC5-7U8504H	8.50	700	1000	500	19~37	< 10	53	92	71.5	1.3	H
CC5-7U1005C	10.0	700	1000	500	16~32	< 10	100	100	40	0.6	C

Specification:

Type	Nominal Capacitance uF±10% @1kHz	Rated Voltage (Vrms)	Max. Current (Irms)	Max. Power (kVAr)	Frequency Range(kHz) (Full Load)	ESL nH	Dimensions mm			Approx. Weight (kg)	Fig.
							L	W/D	H		
600 kVAr											
CC6-10U3303D	0.33	1000	600	600	289	< 10	60	60	40	0.5	D
CC6-10U6603C	0.66	1000	700	600	145~197	< 10	100	100	40	0.6	C
CC6-7U1334D	1.33	700	950	600	147~180	< 10	60	60	40	0.5	D
CC6-7U2604C	2.60	700	1050	600	75~112	< 10	100	100	40	0.6	C
CC6-5U5004C	5.00	500	1200	600	76	< 10	100	100	40	0.6	C
CC6-5U5004D	5.00	500	1200	600	76	< 10	60	60	40	0.5	D

Dimensions:

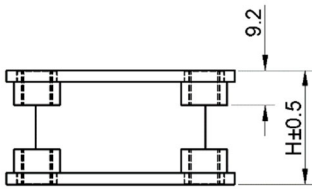
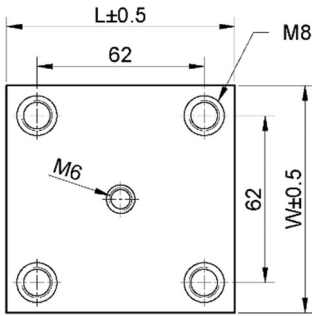


Fig. A

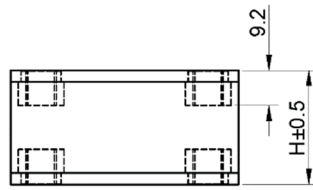
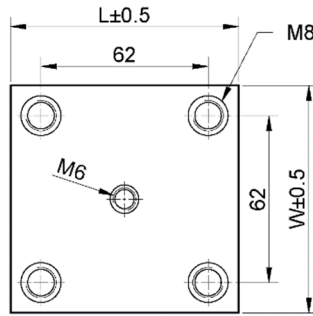


Fig. B

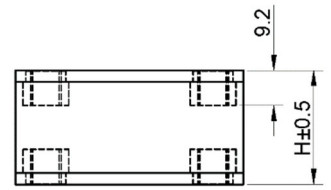
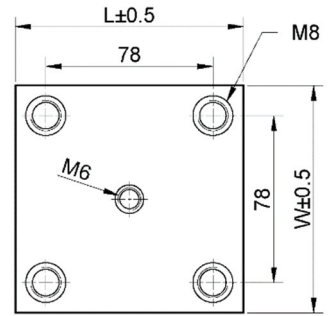


Fig. C

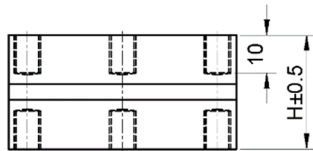
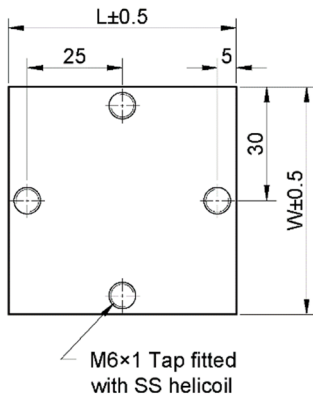


Fig. D

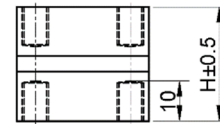
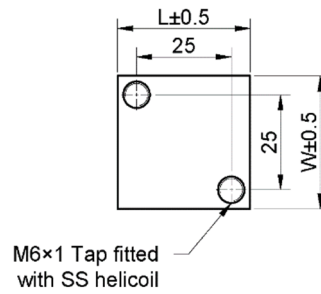


Fig. E

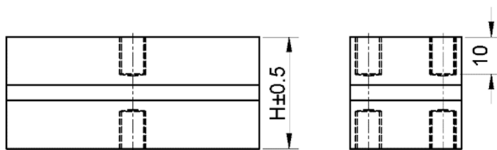
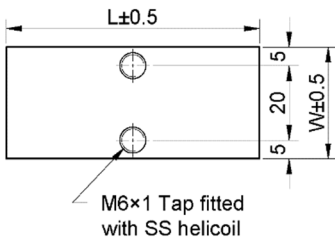


Fig. F

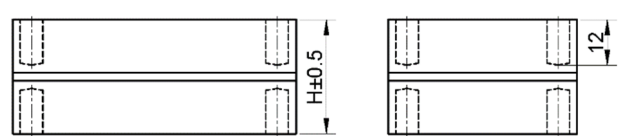
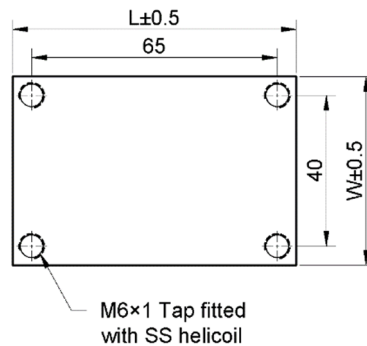


Fig. G

Dimensions:

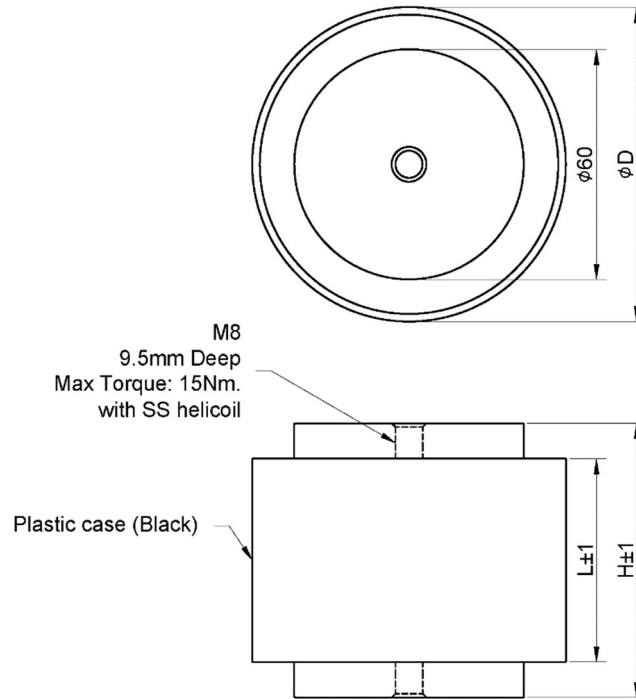
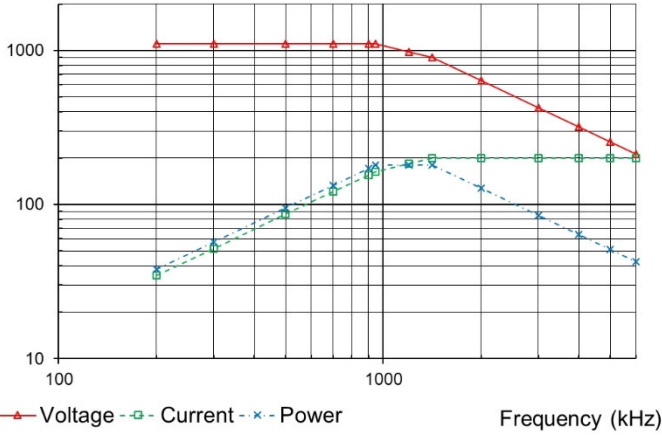


Fig. H

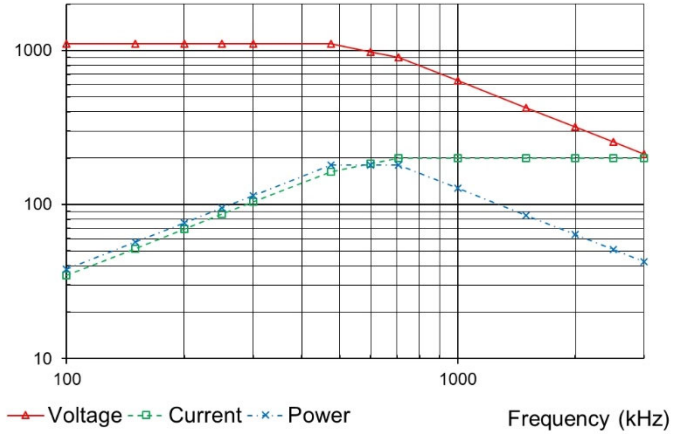
Derating Curves:

200 kVAr

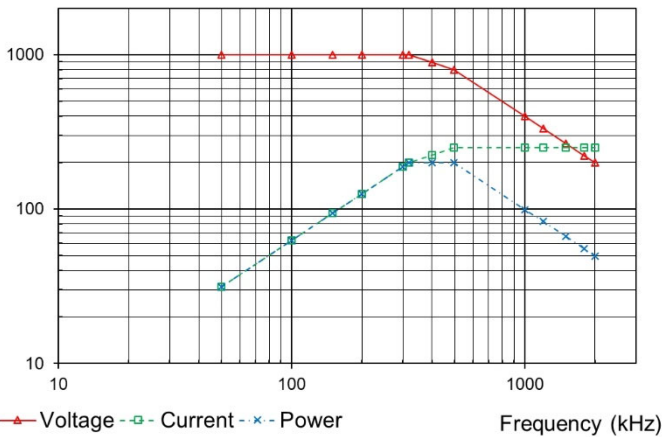
CC1-11U2502E 0.025uF 1100Vrms 200A 180kVAR



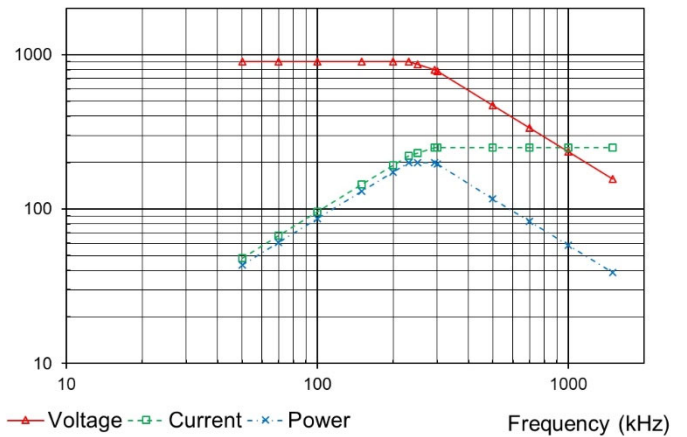
CC1-11U5002E 0.05uF 1100Vrms 200A 180kVAR



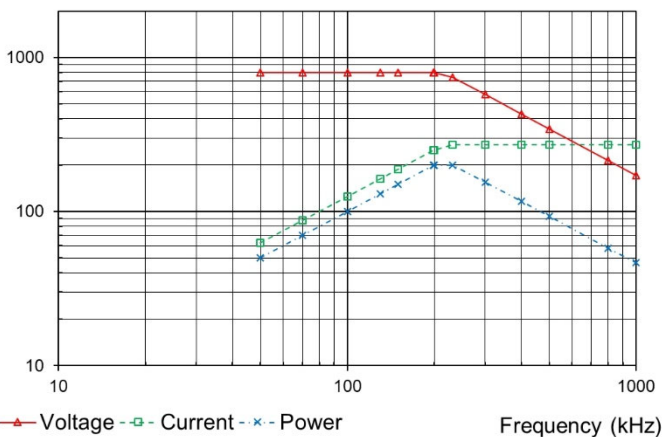
CC2-10U1003F 0.1uF 1000Vrms 250A 200kVAR



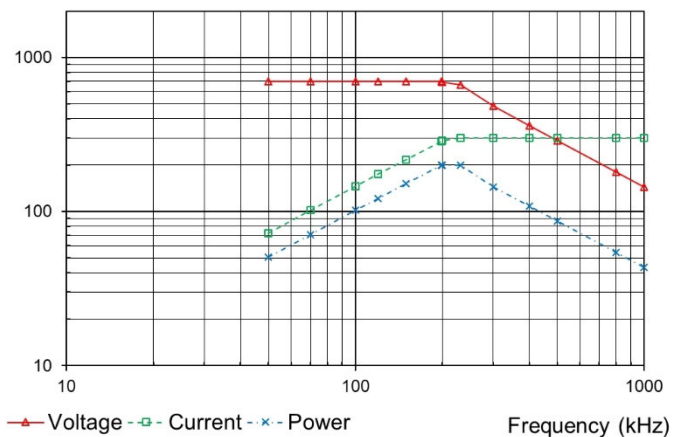
CC2-9U1703E 0.17uF 900Vrms 250A 200kVAR



CC2-8U2503E 0.25uF 800Vrms 270A 200kVAR



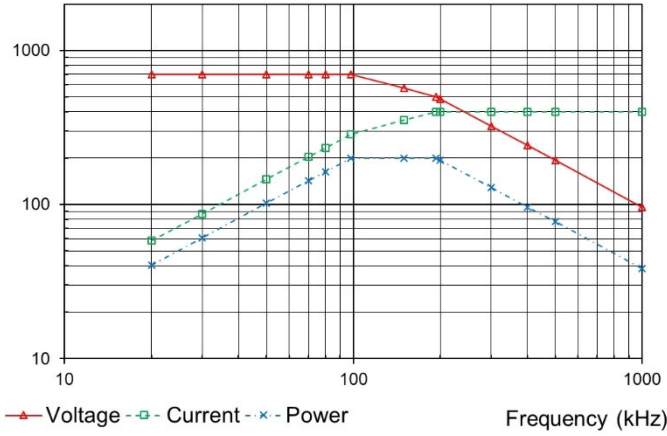
CC2-7U3303E 0.33uF 700Vrms 300A 200kVAR



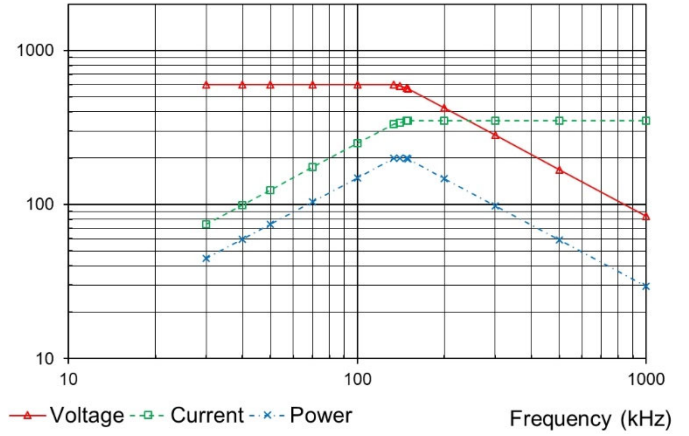
Derating Curves:

200 kVAr

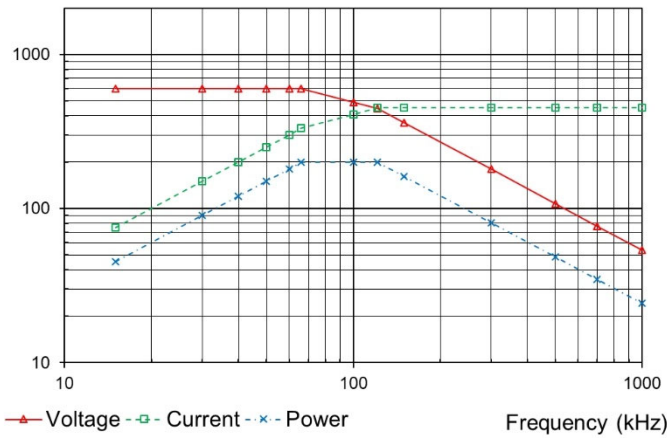
CC2-7U6603F 0.66uF 700Vrms 400A 200kVAR



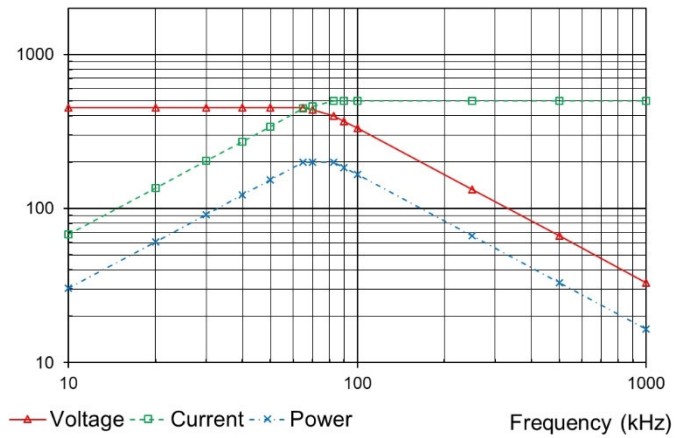
CC2-6U6603E 0.66uF 600Vrms 350A 200kVAR



CC2-6U1334F 1.33uF 600Vrms 450A 200kVAR



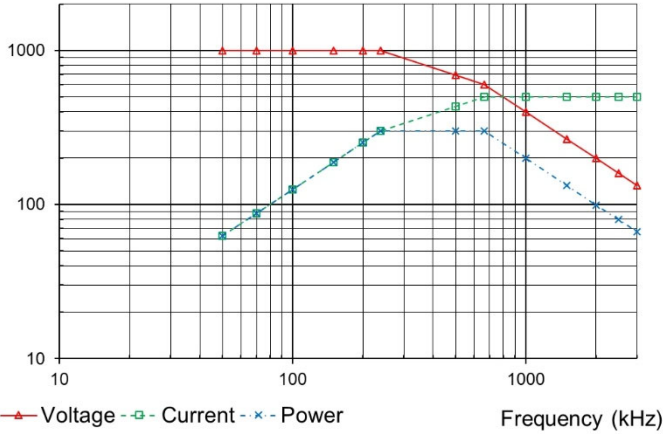
CC2-4U2404F 2.4uF 450Vrms 500A 200kVAR



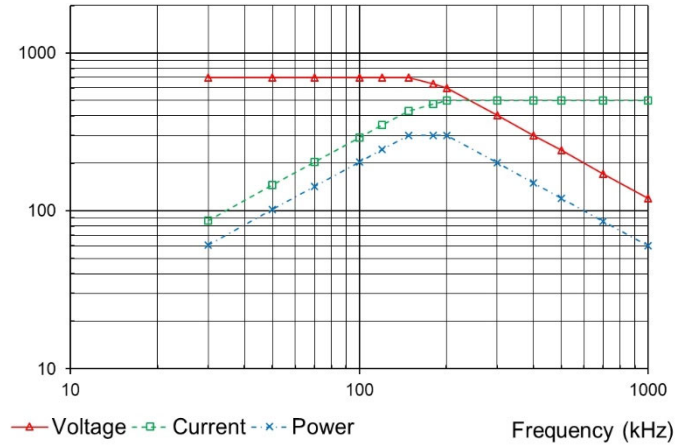
Derating Curves:

300 kVAr

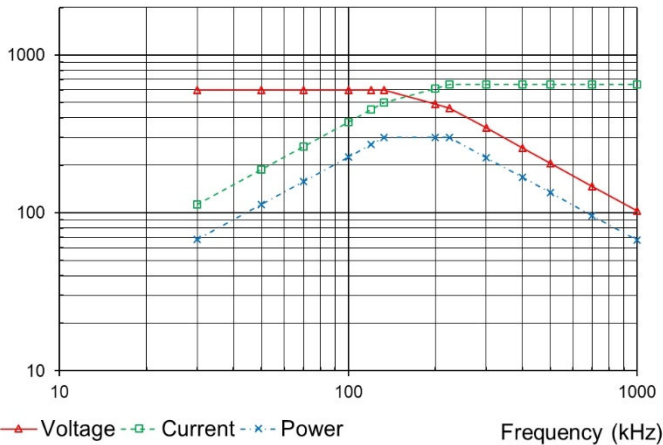
CC3-10U2003A 0.2uF 1000Vrms 500A 300kVAR



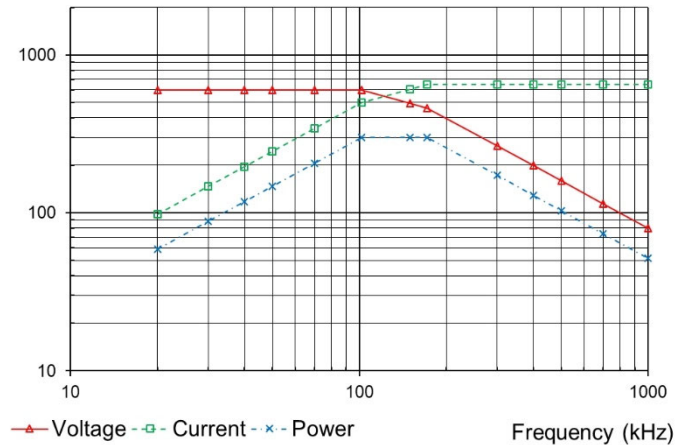
CC3-7U6603A 0.66uF 700Vrms 500A 300kVAR



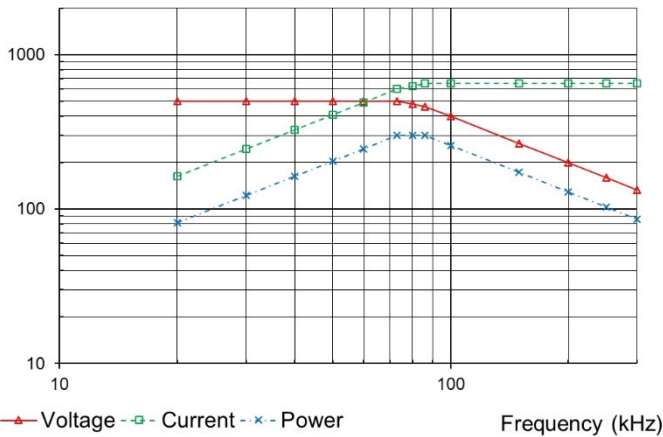
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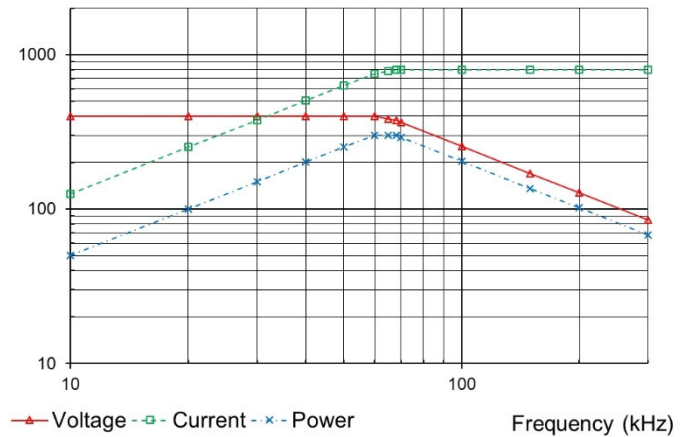
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CC3-5U2604G 2.6uF 500Vrms 650A 300kVAR



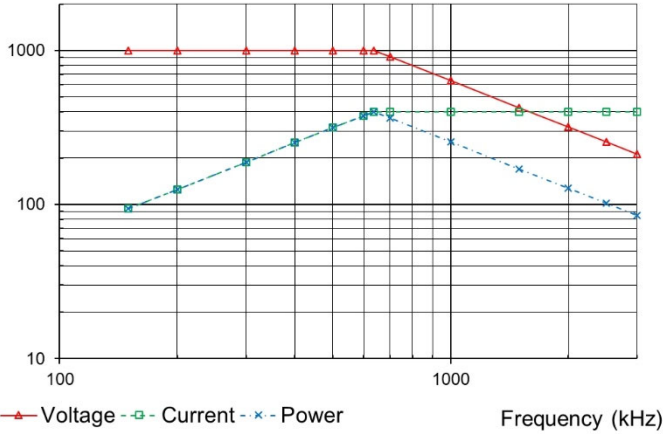
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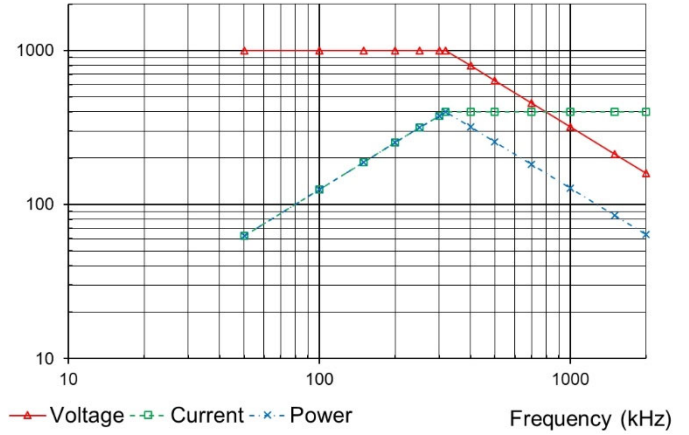
Derating Curves:

400 kVAR

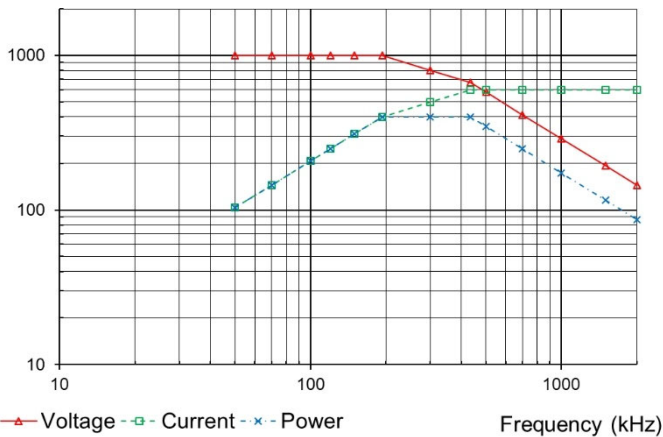
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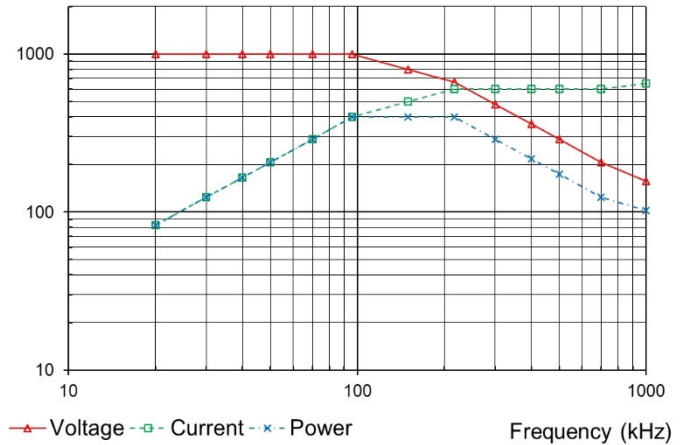
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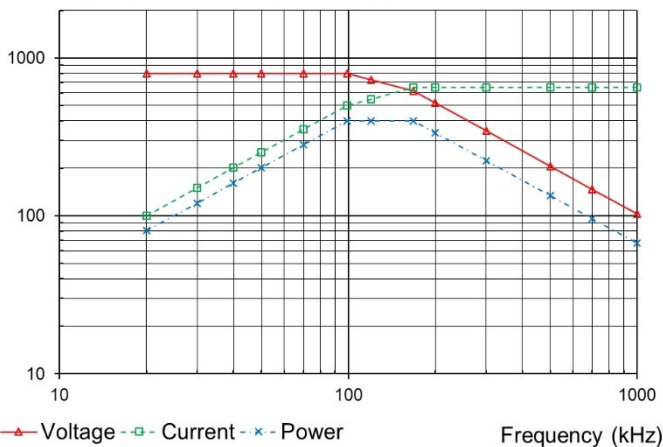
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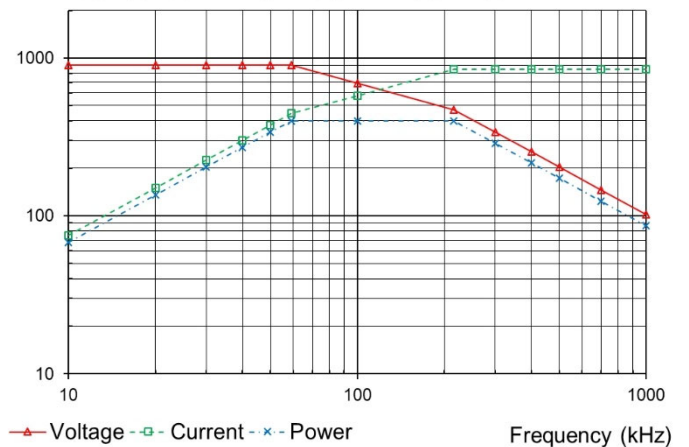
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CC4-8U1004D 1uF 800Vrms 650A 400kVAR



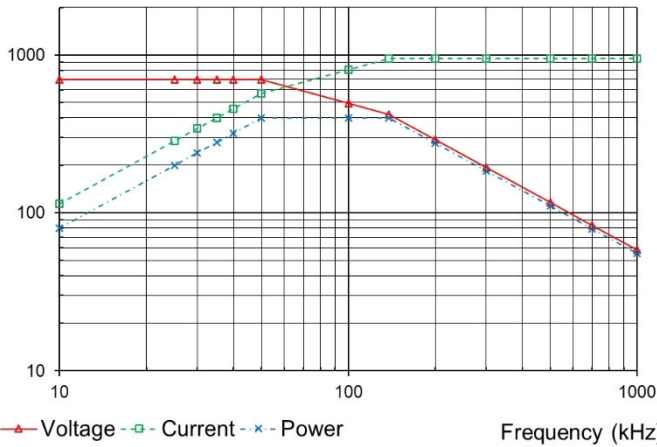
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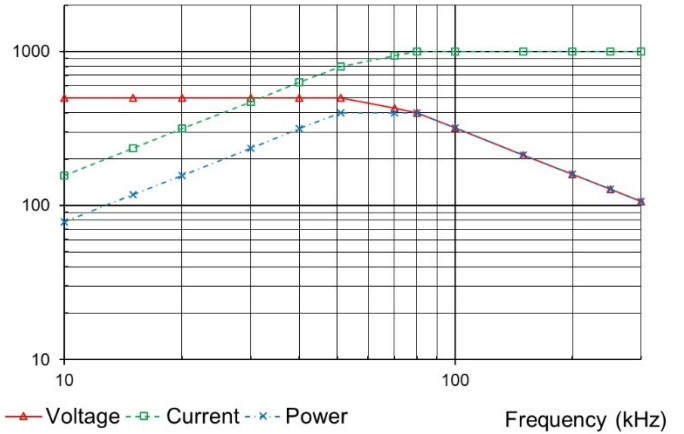
Derating Curves:

400 kVAR

CC4-7U2604A/D 2.6uF 700Vrms 950A 400kVAR

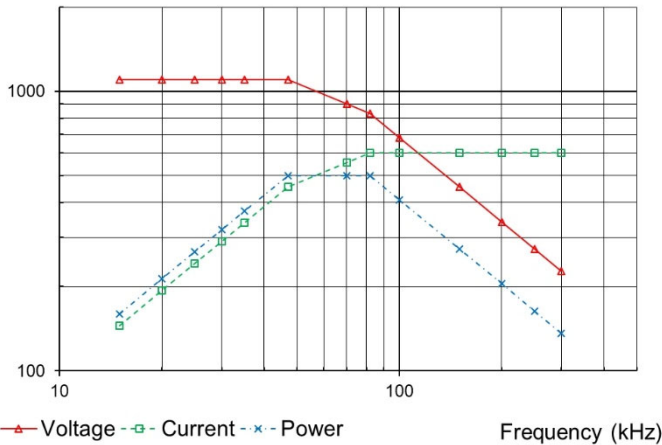


CC4-5U5004A/D 5uF 500Vrms 1000A 400kVAR

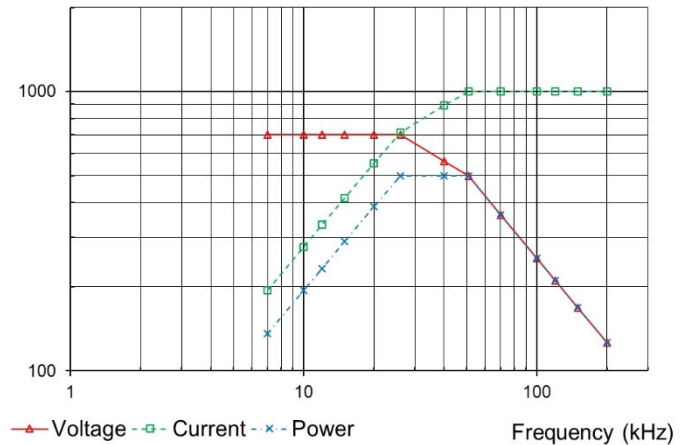


500 kVAR

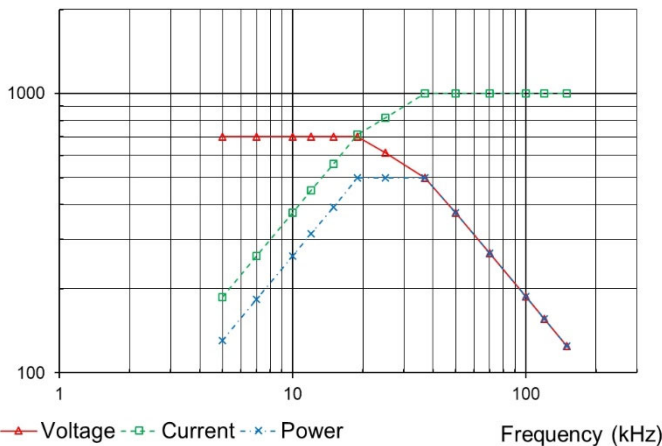
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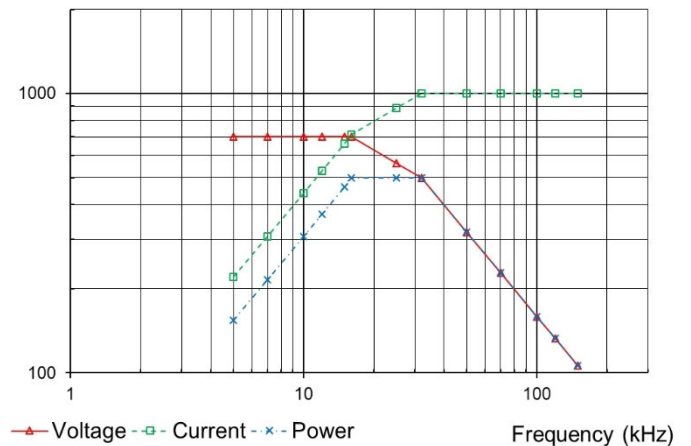
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CC5-7U8504H 8.5uF 700Vrms 1000A 500kVAR



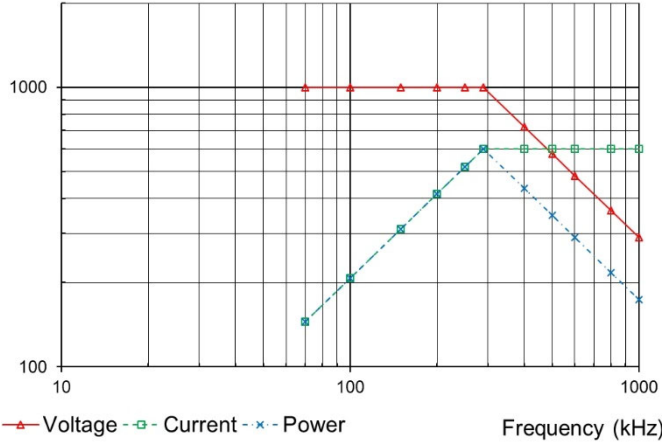
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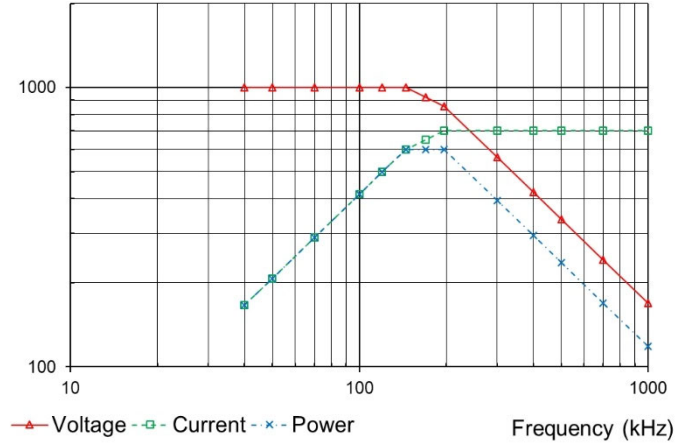
Derating Curves:

600 kVAr

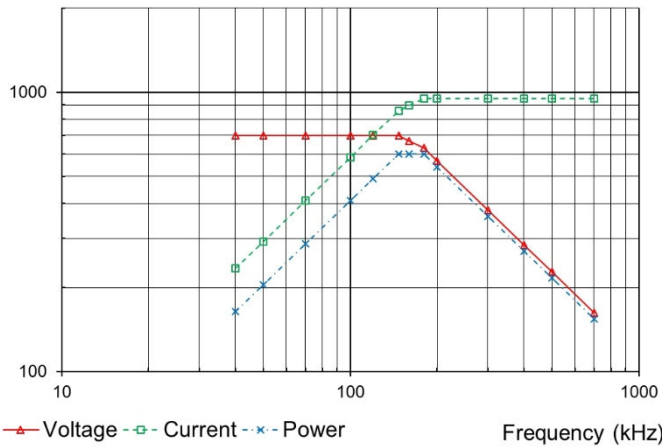
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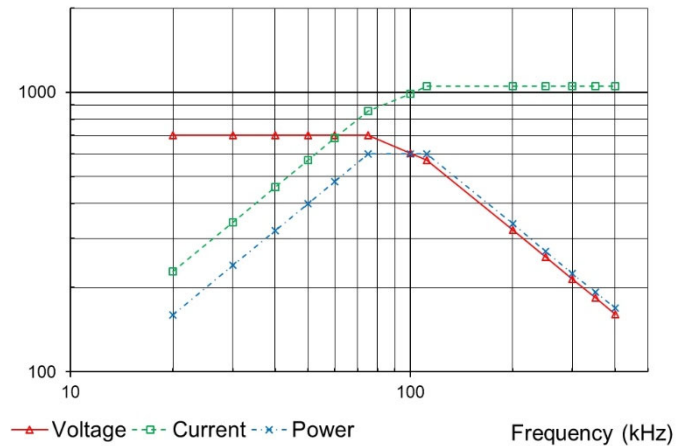
CC6-10U6603C 0.66uF 1000Vrms 700A 600kVAR



CC6-7U1334D 1.33uF 700Vrms 950A 600kVAR



CC6-7U2604C 2.6uF 700Vrms 1050A 600kVAR



CC6-5U5004C/D 5uF 500Vrms 1200A 600kVAR

