

CJCD SERIES OIL CAPACITORS

**Description:**

JINPEI CJCD CMKP series low voltage capacitor of the self-healing type round capacitor is use for correcting the power factor of 50Hz and 60Hz low voltage power system device. It is suit for compensation on the spot and concentrate auto compensation, can reduce reactive loss, improve voltage quality, is a energy conservation product. The product is according to IEC831-1/2.

Working Condition:

1. Altitude: lower than 2000m
2. Ambient temperature -25°C - 50°C
3. Humidity: smaller than 90%
4. After the power cut off, reputing when make sure the remain voltage is smaller than 10% of the rated voltage, usually this thime is 200s, so the controller you use should has the function of time delay for reputing after cut off.

Structure Characteristics:

1. Use cylinder aluminium tin sealed.
2. Use microcrystalline wax and healthy dielectric oil as the impregnant.
3. It has built-in pressure separation device and discharge resistor.
4. Use dielectric metallized polypropylene film as medium.
5. In the top of the capacitor is electric shock resistant protection connecting terminal.
6. In the bottom is M12 or M16 earth ground screw.
7. All the three phase capacitor is triangle connection inside.

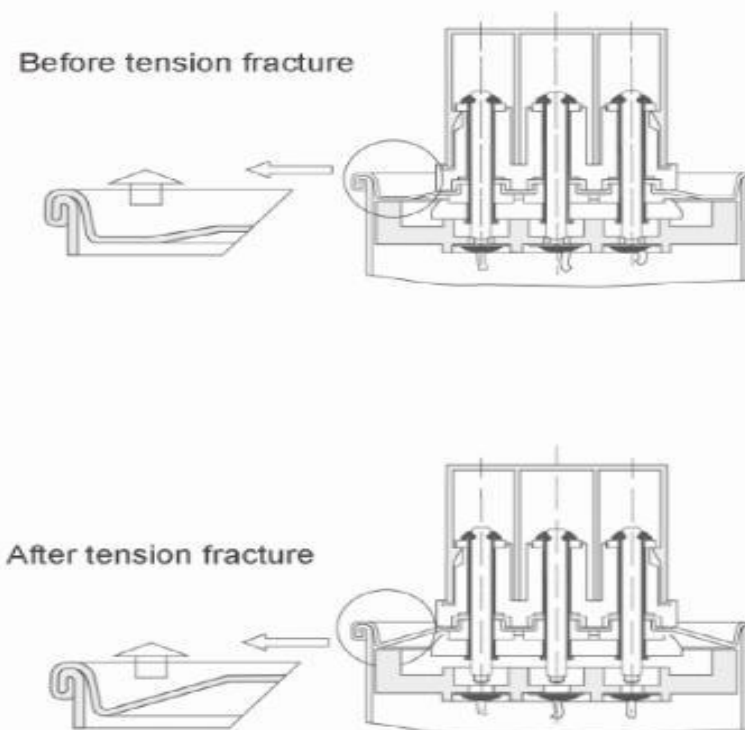
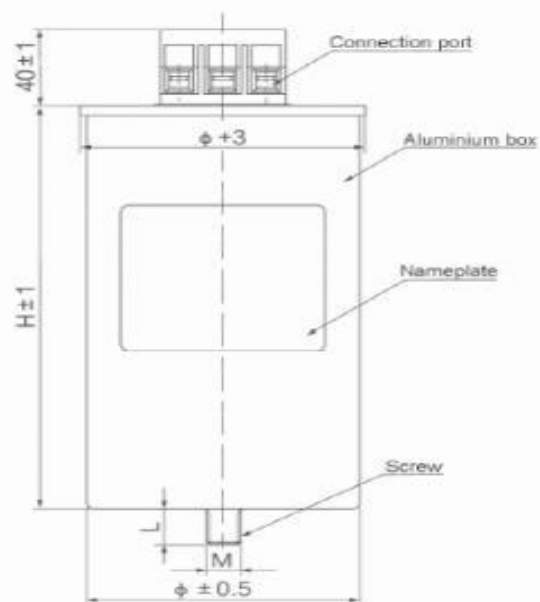
Main technical characteristics:

1. Rated voltage: 0.23kv, 0.4kv, 0.415kv, 0.45kv, 0.525kv and so on.
2. Rated output: 1-30kvar.
3. Capacitance tolerance: -5% - 10%.
4. Tangent of the loss angle: smaller than 0.1%.
5. Between terminals withstand voltage: 2.15 times rated voltage for 5 seconds.



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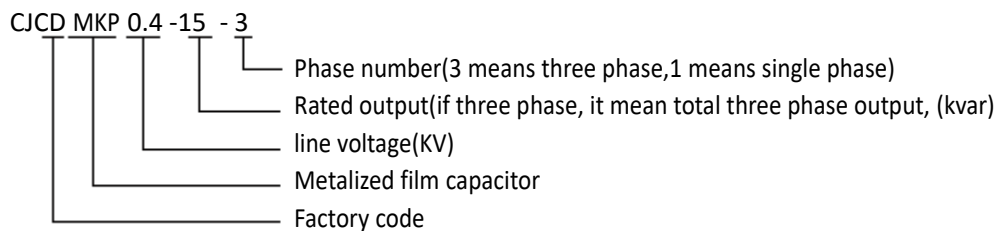

6. Dielectric level: add voltage between terminal and case: 2 times of rated voltage add 2KV or 3KV, choose the higher one, it takes 10s, no spark over or flash.
7. Max permissible over-current: when 1.1 times rated voltage, it can not exceed 8 hours per day; when 1.15 times rated voltage, it can not exceed 30 minutes per day, when 1.2 times voltage, can not exceed 5 minutes per day, 1.3 times rated voltage, can not exceed 1 minutes per day.
8. Max permissible over-current: 1.3 times of rated current, but consider to the voltage, capacitance tolerance and harmonic, the transient current can not exceed 1.43 times of rated current.
9. Discharge feature: it has built-in discharge resistor, discharge 3 minutes, the voltage will down to below 50V after the capacitor cut off the power.
10. According to the IEC60831-2002 standard.



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PART NUMBER EXAMPLE



SINGLE PHASE POWER CAPACITOR

CJCD CMKP	Rated Voltage(kV)	Rated Output(kvar)	Rated Capacitor(uF)	Rated Current(A)	H (mm)	Installation Size M x L (mm)
0.23-2.5-1	0.23	2.5	151	10.9	76*90 / P1	M12*16
0.23-5-1	0.23	5	301	21.7	76*160 / P1	M12*16
0.23-6.67-1	0.23	6.67	402	29	76*240 / P1	M12*16
0.23-7.5-1	0.23	7.5	452	32.6	76*240 / P1	M12*16
0.23-10-1	0.23	10	602	43.5	86*290 / P1	M12*16
0.23-13.3-1	0.23	13.3	800	57.8	96*290 / P1	M16*25
0.23-15-1	0.23	15	903	65.2	96*290 / P1	M16*25
0.25-2.5-1	0.25	2.5	127	10	76*90 / P1	M12*16
0.25-5-1	0.25	5	255	20	76*160 / P1	M12*16

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0.25-6.67-1	0.25	6.67	340	26.7	76*240 / P1	M12*16
0.25-7.5-1	0.25	7.5	382	30	76*240 / P1	M12*16
0.25-10-1	0.25	10	510	40	86*240 / P1	M12*16
0.25-13.3-1	0.25	13.3	678	53.2	86*290 / P1	M12*16
0.25-15-1	0.25	15	764	60	86*290 / P1	M12*16
0.4-6.67-1	0.4	6.67	133	16.7	76*160 / P1	M12*16
0.4-7.5-1	0.4	7.5	149	18.8	76*160 / P1	M12*16
0.4-10-1	0.4	10	199	25	76*240 / P1	M12*16
0.4-13.3-1	0.4	13.3	265	33.3	86*240 / P1	M12*16
0.4-15-1	0.4	15	299	37.5	86*240 / P1	M12*16

SEPERATE PHASE POWER CAPACITOR

CJCD CMKP	Rated Voltage(kV)	Rated Output (kvar)	Rated Capacitor(uF)	Rated Current(A)	H (mm)	Installation Size M x L (mm)
0.23-3*1.67-3YN	0.23	5	301	7.2	76*160 / P3	M12*16
0.23-3*2.5-3YN	0.23	7.5	451	10.9	76*240 / P3	M12*16

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0.23-3*3.3-3YN	0.23	10	602	14.5	86*290 / P3	M12*16
0.23-3*5-3YN	0.23	15	903	21.7	96*290 / P3	M16*25
0.23-3*6.67-3YN	0.23	20	1204	29	106*290/P3	M16*25
0.23-3*8.3-3YN	0.23	25	1505	36.2	116*290/P3	M16*25
0.23-3*10-3YN	0.23	30	1806	43.5	136*290/P3	M16*25
0.25-3*1.67-3YN	0.25	5	301	6.7	76*160 / P3	M12*16
0.25-3*2.5-3YN	0.25	7.5	452	10	76*240 / P3	M12*16
0.25-3*3.3-3YN	0.25	10	602	13.3	86*240 / P3	M12*16
0.25-3*5-3YN	0.25	15	903	20	86*290 / P3	M12*16
0.25-3*6.67-3YN	0.25	20	1204	26.7	106*290/P3	M16*25
0.25-3*8.3-3YN	0.25	25	1505	33.3	116*290/P3	M16*25
0.25-3*10-3YN	0.25	30	1806	40	116*290/P3	M16*25

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THREE PHASE CAPACITOR

CJCD CMKP	Rated Voltage(kV)	Rated Output (kvar)	Rated Capacitor(uF)	Rated Current(A)	H (mm)	Installation Size M x L (mm)
0.4-7.5-3	0.4	7.5	149.3	10.8	76*240/P2	M12*16
0.4-8-3	0.4	8	159.2	11.5	76*240/P2	M12*16
0.4-10-3	0.4	10	199	14.4	76*240/P2	M12*16
0.4-12-3	0.4	12	238.9	17.3	86*240/P2	M12*16
0.4-14-3	0.4	14	278.7	20.2	86*240/P2	M12*16
0.4-15-3	0.4	15	298.6	21.7	86*240/P2	M12*16
0.4-16-3	0.4	16	318.5	23.1	86*240/P2	M12*16
0.4-18-3	0.4	18	358.3	26	86*290/P2	M12*16
0.4-20-3	0.4	20	398.1	28.9	86*290/P2	M12*16
0.4-25-3	0.4	25	497.6	36.1	96*290/P2	M16*25
0.4-30-3	0.4	30	597.1	43.3	106*290/P2	M16*25
0.4-40-3	0.4	40	796.2	57.7	116*290/P2	M16*25
0.4-50-3	0.4	50	995.2	72.2	136*290/P2	M16*25
0.45-7.5-3	0.45	7.5	118	9.6	76*160/P2	M12*16

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0.45-8-3	0.45	8	125.8	10.3	76*160/P2	M12*16
0.45-10-3	0.45	10	157.3	12.8	76*240/P2	M12*16
0.45-12-3	0.45	12	188.7	15.4	76*240/P2	M12*16
0.45-14-3	0.45	14	220.2	18	76*240/P2	M12*16
0.45-15-3	0.45	15	235.9	19.2	86*240/P2	M12*16
0.45-16-3	0.45	16	251.6	20.5	86*240/P2	M12*16
0.45-18-3	0.45	18	283.1	23.1	86*240/P2	M12*16
0.45-20-3	0.45	20	314.5	25.7	86*240/P2	M12*16
0.45-25-3	0.45	25	393.2	32.1	86*290/P2	M12*16
0.45-30-3	0.45	30	471.8	38.5	96*290/P2	M16*25
0.45-40-3	0.45	40	629.1	53.1	106*290/P2	M16*25
0.45-50-3	0.45	50	786.3	64.2	116*290/P2	M16*25
0.48-10-3	0.48	10	138.2	12	76*240/P2	M12*16
0.48-15-3	0.48	15	207.3	18	86*240/P2	M12*16
0.48-20-3	0.48	20	276.5	24.1	86*290/P2	M12*16
0.48-30-3	0.48	30	414.7	36.1	106*290/P2	M16*25
0.48-40-3	0.48	40	552.9	48.1	116*290/P2	M16*25

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0.48-50-3	0.48	50	691.1	60.1	136*290/P2	M16*25
0.525-10-3	0.525	10	115.5	11	76*240/P2	M12*16
0.525-15-3	0.525	15	173.3	16.5	86*240/P2	M12*16
0.525-20-3	0.525	20	231.1	22	86*290/P2	M12*16
0.525-30-3	0.525	30	346.6	33	106*290/P2	M16*25
0.525-40-3	0.525	40	462.2	44	116*290/P2	M16*25
0.525-50-3	0.525	50	577.7	55	?136*290/P2	M16*25