CJBC SERIES

HIGH VOLTAGE THREE PHASE POWER CAPACITORS | OIL CAPACITOR

Application and Standards:

High voltage capacitor is mainly used in the A. C. Power system with 50Hz to improve power factor. The performance sonforms to GB 3083.2-89 《High voltage shunt capacitor》 and IEC60871-1987.

GB/T11024-2010 National standard 《Rated voltage 1kV or above shunt capacitors for AC power systems》

JB/7112-2000 Machinery Industry standard 《Assembled HV Shunt Capacitor》

DL/T628-1997 Electric Power Industry standard 《Assembled HV Shunt Capacitor Ordering Technical Requirement》

Usage Conditions:

1.Altitude: less than 1000m; Ambient Temperature: -40℃ ~ +40℃。

2.No violent mechanical vibration, no harmful gas and vapor, no electric, and explosive, and explosive dust in location.

3.Continuous operation voltage: 1.00 Un, long-term max, Over voltage: less.1 Un.

4.Stable over-curent (including harmonics current) less 1.3 In.

5.With stand voltage: between terminal 2.15, time rated voltage for 10 seconds, between terminals and container 42kV for 10 seconds.

Main technical characteristics:

1.Rated voltage: 6.3kV, 6.6kV, 6.6/ √3kV, 7.96kV, 10.5kV, 11kV, 11kV, 11/ √3kV, please indicated in the order if you want the other special capacity.

2.Rated capacity: 33~334kvar please indicated in the order if you want the other special capacity.

3.Capacity tolerance: -5 ~ 15%.

4.Loss angel tangential value: film & papaer medium tg θ ≦0.08%,film medium tg θ ≦0.05%.

5.Withstand voltage: it can afford AC2.15 or DC4.3 times rated voltage between the capacity pales, last about 10s without break or flash, BIL: 6kV(30kV), 10kV(42Kv).

6.Free discharge: it has the inner resistance,10min after cutting off the power supply, the residual voltage will reduce to 75V from √2 Un.

7.Max. Current: running smoothly under the 1.3 time rated voltage, over voltage, capacity positive tolerance and harmonic wave which can not exceed 1 min each 24 hours.

8.Max.Current: running smoothly under the 1.3 time rated voltage, over voltage, capacity positive tolerance and harmonic wave which can not 1.43 time rated current.

9.Standard: GB/T 112024.1-2001, IEC6087:1997.

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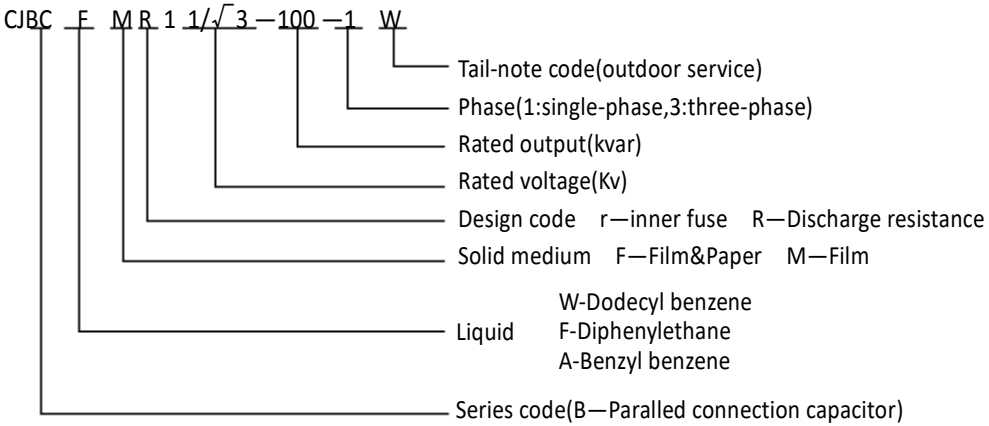
PART NUMBER EXAMPLE



SEPERATE PHASE POWER CAPACITOR

CJBC	Rated Voltage (kV)	Rated Output (kVAr)	Rated Capacitance(uF)	Rated Current In(A)
6.3-25-1W	6.3	25	2.006	3.968
6.3-30-1W	6.3	30	2.406	4.762
6.6/√3-25-1W	6.6/√3	25	5.481	6.561
6.3/√3-30-1W	6.6/√3	30	6.577	7.873

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6.3/√3-50-1W	6.6/√3	50	10.96	13.12
10.5-25-1W	10.5	25	0.722	2.38
10.5-30-1W	10.5	30	0.886	2.857
10.5-50-1W	10.5	50	1.444	4.762
11/√3-30-1W	11/√3	30	2.368	4.724
11/√3-50-1W	11/√3	50	3.946	7.873
6.3-30-1W	6.3	30	2.4	4.76
6.3-50-1W	6.3	50	4	7.9
6.3-100-1W	6.3	100	8	15.9
6.3-200-1W	6.3	200	16	31.7
6.3-300-1W	6.3	300	24	47.6
6.3-334-1W	6.3	334	26.8	53
10.5-50-1W	10.5	50	1.44	4.8
10.5-100-1W	10.5	100	2.9	9.5
10.5-150-1W	10.5	150	4.3	14.3
10.5-200-1W	10.5	200	5.8	19

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10.5-300-1W	10.5	300	8.67	28.6
10.5-334-1W	10.5	334	9.65	31.8
11/√3-50-1W	11/√3	50	3.95	7.87
11/√3-100-1W	11/√3	100	7.89	15.75
11/√3-150-1W	11/√3	150	11.84	23.6
11/√3-200-1W	11/√3	200	15.78	31.5
11/√3-300-1W	11/√3	300	23.68	47.2
11/√3-334-1W	11/√3	334	26.36	52.6
6.6/√3-50-1W	6.6/√3	50	10.96	13.12
6.6/√3-100-1W	6.6/√3	100	21.9	26.24
6.6/√3-150-1W	6.6/√3	150	32.9	39.36
6.6/√3-200-1W	6.6/√3	200	43.8	52.48
6.6/√3-300-1W	6.6/√3	300	65.8	78.7
6.6/√3-334-1W	6.6/√3	334	73.2	87.6
11-100-1W	11	100	2.63	9.1
11-150-1W	11	150	3.95	13.6

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11-200-1W	11	200	5.26	18.2
11-300-1W	11	300	7.89	27.3
11-334-1W	11	334	8.79	30.4
12-100-1W	12	100	2.2	8.33
12-150-1W	12	150	3.3	12.5
12-200-1W	12	200	4.4	16.7
12-300-1W	12	300	6.64	25
12-334-1W	12	334	7.39	27.8
12/√3-100-1W	12/√3	100	6.63	14.4
12/√3-150-1W	12/√3	150	9.95	21.7
12/√3-200-1W	12/√3	200	13.3	28.9
12/√3-300-1W	12/√3	300	19.9	43.3
12/√3-334-1W	12/√3	334	22.1	48.2
12/√3-400-1W	12/√3	400	26.54	57.74
6.3-100-1W	6.3	100	8	15.9
6.3-150-1W	6.3	150	12	23.8

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6.3-200-1W	6.3	200	16	31.7
6.3-300-1W	6.3	300	24	47.6
6.3-334-1W	6.3	334	26.8	53
6.6-100-1W	6.6	100	7.3	15.2
6.6-150-1W	6.6	150	11	22.7
6.6-200-1W	6.6	200	14.6	30.3
6.6-300-1W	6.6	300	22	45.5
6.6-334-1W	6.6	334	24.4	50.6
6.6/√3-100-1W	6.6/√3	100	21.9	26.24
6.6/√3-150-1W	6.6/√3	150	32.9	39.36
6.6/√3-200-1W	6.6/√3	200	43.8	52.48
6.6/√3-300-1W	6.6/√3	300	65.8	78.7
6.6/√3-334-1W	6.6/√3	334	73.2	87.6
11/√3-100-1W	11/√3	100	7.89	15.75
11/√3-150-1W	11/√3	150	11.84	23.6
11/√3-200-1W	11/√3	200	15.78	31.5

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11/√3-300-1W	11/√3	300	23.68	47.2
11/√3-334-1W	11/√3	334	26.36	52.6
11-100-1W	11	100	2.63	5.25
11-150-1W	11	150	3.95	7.87
11-200-1W	11	200	5.26	10.5
11-300-1W	11	300	7.9	15.75
11-100-1W	11	100	2.63	5.25
11-150-1W	11	150	3.95	7.87
11-200-1W	11	200	5.26	10.5
11-300-1W	11	300	7.9	15.75
12-100-1W	12	100	2.2	4.8
12-150-1W	12	150	3.3	7.2
12-200-1W	12	200	4.4	9.6
12-300-1W	12	300	6.64	14.45
12-100-1W	12	100	2.2	4.8
12-150-1W	12	150	3.2	7.2

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12-200-1W	12	200	4.4	9.6
12-300-1W	12	300	6.64	14.45
11/√3-200-1W	11/√3	200	15.78	31.5
11/√3-334-1W	11/√3	334	26.36	52.6
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12/√3-334-1W	12/√3	334	22.1	48.2
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10.5-200-1W	10.5	200	5.8	19
10.5-334-1W	10.5	334	9.65	31.8