

CJBB SERIES

HIGH VOLTAGE SINGLE & 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 conforms to GB 3083.2-89 《High voltage shunt capacitor》 and IEC 60871-1987.

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》

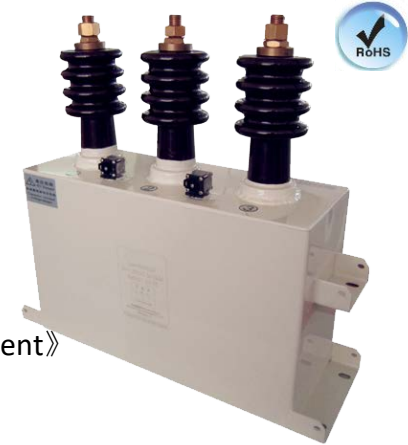
DL/T628-1997 Electric Power Industry standard 《Assembled HV Shunt Capacitor Ordering Technical Requirement》

Usage Conditions:

1. Altitude: less than 1000m; Ambient Temperature: $-40^{\circ}\text{C} \sim +40^{\circ}\text{C}$ 。
2. No violent mechanical vibration, no harmful gas and vapor, no electric, and explosive, and explosive dust in location.
3. Continuous operation voltage: $1.00 U_n$, long-term max, Over voltage: less $1 U_n$.
4. Stable over-current (including harmonics current) less $1.3 I_n$.
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:

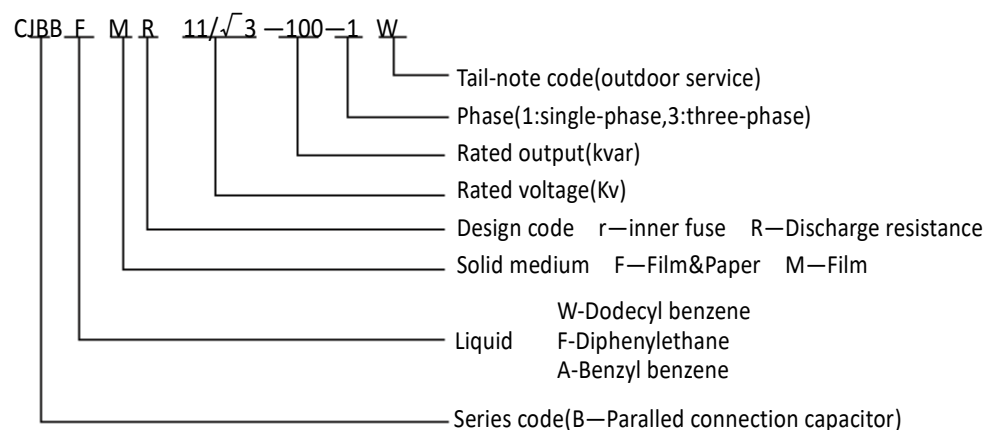
1. Rated voltage: 6.3kV, 6.6kV, 6.6/ $\sqrt{3}$ kV, 7.96kV, 10.5kV, 11kV, 12kV, 11/ $\sqrt{3}$ kV, please indicated in the order if you want the other special capacity.
2. Rated capacity: 33~334kvar please indicated in the order if you want the other special capacity.
3. Capacity tolerance: $-5 \sim 15\%$.
4. Loss angel tangential value: film & papaer medium $\tan \theta \leq 0.08\%$, film medium $\tan \theta \leq 0.05\%$.
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 $\sqrt{2} U_n$.
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.





CJBB SERIES

PART NUMBER EXAMPLE



SEPERATE PHASE POWER CAPACITOR

Model BAM	Rated Voltage (kV)	Rated Output (kVAr)	Rated Capacitance(uF)	Rated Current In(A)
10.5-50-1W	10.5	50	1.444	4.762
6.35-30-1W	6.35	30	2.368	4.724
6.35-50-1W	6.35	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

CJBB SERIES



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
10.5-300-1W	10.5	300	8.67	28.6
10.5-334-1W	10.5	334	9.65	31.8
6.35-50-1W	6.35	50	3.95	7.87
6.35-100-1W	6.35	100	7.89	15.75
6.35-150-1W	6.35	150	11.84	23.6
6.35-200-1W	6.35	200	15.78	31.5
6.35-300-1W	6.35	300	23.68	47.2
6.35-334-1W	6.35	334	26.36	52.6
3.81-50-1W	3.81	50	10.96	13.12
3.81-100-1W	3.81	100	21.9	26.24
3.81-150-1W	3.81	150	32.9	39.36
3.81-200-1W	3.81	200	43.8	52.48
3.81-300-1W	3.81	300	65.8	78.7
3.81-334-1W	3.81	334	73.2	87.6
11-100-1W	11	100	2.63	9.1
11-150-1W	11	150	3.95	13.6

CJBB SERIES



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
6.93-100-1W	6.93	100	6.63	14.4
6.93-150-1W	6.93	150	9.95	21.7
6.93-200-1W	6.93	200	13.3	28.9
6.93-300-1W	6.93	300	19.9	43.3
6.93-334-1W	6.93	334	22.1	48.2
6.93-400-1W	6.93	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
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

CJBB SERIES



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
3.81-100-1W	3.81	100	21.9	26.24
3.81-150-1W	3.81	150	32.9	39.36
3.81-200-1W	3.81	200	43.8	52.48
3.81-300-1W	3.81	300	65.8	78.7
3.81-334-1W	3.81	334	73.2	87.6
6.35-100-1W	6.35	100	7.89	15.75
6.35-150-1W	6.35	150	11.84	23.6
6.35-200-1W	6.35	200	15.78	31.5
6.35-300-1W	6.35	300	23.68	47.2
6.35-334-1W	6.35	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

CJBB SERIES



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
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
12/√3-200-1W	12/√3	200	13.3	28.9
12/√3-334-1W	12/√3	334	22.1	48.2
12-200-1W	12	200	4.4	16.7
12-334-1W	12	334	7.39	27.8
10.5-200-1W	10.5	200	5.8	19
10.5-334-1W	10.5	334	9.65	31.8