

# CONDENSER BUSHING

STANDARD  
**IEC- 60137**

RATED VOLTAGE  
**52 to 245 kV**

RATED CURRENT  
**800 to 5000 Amps**

- ❖ Oil Impregnated Paper Condenser
- ❖ Dimensions conform to BIS -12676
- ❖ High operational reliability

## NOVEL FEATURES

- ❖ Established Process Control : Low Tan $\delta$ , lower Partial Discharge
- ❖ Established Under water Test : Zero defect Leakage in site
- ❖ Conservator bottom Seal : Oil visible in case of Leak
- ❖ Oil Filling Plug Below Oil : Oil visible in case of leak
- ❖ Mistake Proof Test Tap : Zero defect on sight test
- ❖ Flat to flat joint for thimble : Mistake Proof connection

**The design is crafted from time tested best practices of the industry and sets new standards on Safety, Performance and Reliability**



# Technical Particulars

Item Code No.	Rating kV	BIL kVp	Current Amp	AC 1min. kV	S.Time 0.2s. kA	BCT-L6 mm	Creep mm	Weight kG
CB05208N	52	250	800	105	20	0	1300	40
CB05208A	52	250	800	105	20	100	1300	46
CB05208B	52	250	800	105	20	300	1300	52
CB05213A	52	250	1250	105	31.5	100	1300	48
CB05213B	52	250	1250	105	31.5	300	1300	58
CB05220A	52	250	2000	105	50	100	1300	80
CB05220B	52	250	2000	105	50	300	1300	84
CB05232A	52	250	3150	105	80	100	1300	90
CB05232B	52	250	3150	105	80	300	1300	106
CB07308N	72.5	325	800	155	20	0	1810	48
CB07308A	72.5	325	800	155	20	100	1810	54
CB07308B	72.5	325	800	155	20	300	1810	70
CB07313A	72.5	325	1250	155	31.5	100	1810	56
CB07313B	72.5	325	1250	155	31.5	300	1810	70
CB07320A	72.5	325	2000	155	50	100	1810	100
CB07320B	72.5	325	2000	155	50	300	1810	115
CB07332A	72.5	325	3150	155	80	100	1810	120
CB07332B	72.5	325	3150	155	80	300	1810	135
CB14508A	145	650	800	305	20	100	3625	145
CB14508B	145	650	800	305	20	300	3625	160
CB14508C	145	650	800	305	20	600	3625	180
CB14513A	145	650	1250	305	31.5	100	3625	165
CB14513B	145	650	1250	305	31.5	300	3625	180
CB14513C	145	650	1250	305	31.5	600	3625	195
CB24508B	245	1050	800	505	20	300	6125	250
CB24508C	245	1050	800	505	20	600	6125	280
CB24513B	245	1050	1250	505	31.5	300	6125	270
CB24513C	245	1050	1250	505	31.5	600	6125	300

## Manufacturing and Test Facility

We have established the state-of-the-art manufacturing facilities in conformance with documented Quality Management Systems.

We are equipped with NABL Accredited High Voltage laboratory with 800kVp Impulse to carry out dielectric routine and type tests.

We can also supply AIR-AIR Wall Bushings, OIL-OIL Cable Box Bushings and GIS Bushings.



# Dimensional Details

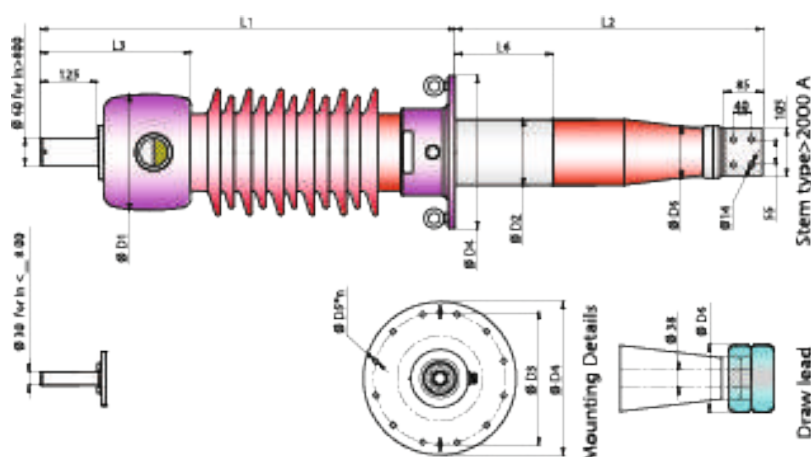
( All dimensions in mm )

Air end L1	Oil end L2	Cons. L3	Head D1	Oil side D2	PCD D3	Fixing N* $\Phi$ D5	Flange D4	Btm.Cap D6	Item Code No.
925	300	315	215	115	185	6* $\Phi$ 15	225	100	CB05208N
925	400	315	215	115	185	6* $\Phi$ 15	225	100	CB05208A
925	600	315	215	115	185	6* $\Phi$ 15	225	100	CB05208B
925	400	315	215	115	185	6* $\Phi$ 15	225	100	CB05213A
925	600	315	215	115	185	6* $\Phi$ 15	225	100	CB05213B
925	475	350	260	145	290	12* $\Phi$ 15	335	115	CB05220A
925	675	350	260	145	290	12* $\Phi$ 15	335	115	CB05220B
925	475	350	260	145	290	12* $\Phi$ 15	335	115	CB05232A
925	675	350	260	145	290	12* $\Phi$ 15	335	115	CB05232B
1125	300	315	215	115	185	6* $\Phi$ 15	225	100	CB07308N
1125	400	315	215	115	185	6* $\Phi$ 15	225	100	CB07308A
1125	600	315	215	115	185	6* $\Phi$ 15	225	100	CB07308B
1125	400	315	215	115	185	6* $\Phi$ 15	225	100	CB07313A
1125	600	315	215	115	185	6* $\Phi$ 15	225	100	CB07313B
1125	475	350	260	145	290	12* $\Phi$ 15	335	115	CB07320A
1125	675	350	260	145	290	12* $\Phi$ 15	335	115	CB07320B
1125	475	350	260	145	290	12* $\Phi$ 15	335	115	CB07332A
1125	675	350	260	145	290	12* $\Phi$ 15	335	115	CB07332B
1720	600	350	260	145	290	12* $\Phi$ 15	335	150	CB14508A
1720	800	350	260	145	290	12* $\Phi$ 15	335	150	CB14508B
1720	1100	350	260	145	290	12* $\Phi$ 15	335	150	CB14508C
1720	600	350	260	145	290	12* $\Phi$ 15	335	150	CB14513A
1720	800	350	260	145	290	12* $\Phi$ 15	335	150	CB14513B
1720	1100	350	260	145	290	12* $\Phi$ 15	335	150	CB14513C
2720	1130	390	340	235	400	12* $\Phi$ 20	450	175	CB24508B
2720	1430	390	340	235	400	12* $\Phi$ 20	450	175	CB24508C
2720	1130	390	340	235	400	12* $\Phi$ 20	450	175	CB24513B
2720	1430	390	340	235	400	12* $\Phi$ 20	450	175	CB24513C

Bushings are provided with a plug on Mounting flange for air release from the Turret.

Double Eye bolts are provided to lift up and also for earthing.

Bottom Insulator is cast resin MOG can be fixed as an option.



## WE ALSO MANUFACTURE HIGH CURRENT BUSHINGS

Rated Current  
5000 to 20000 Amps

Standard                      Rated Voltage  
IEC-60137                  24 and 36 kV

- ❖ Highest Short-time Thermal Rating
- ❖ Safe operation at low oil level
- ❖ Best Thermal Performance
- ❖ Fire resistant



### ELECTRICAL CONTROLS & SYSTEMS

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