

RIF® DRY TYPE TRANSFORMER BUSHINGS

RODUCT OVERVIEW ▶ ▶

Reference standards

IEC 60137, IEEE C57.19.01 & CAN/CSA C88.1

Key Technologies

- ★ Anti cracking manufacturing technology for capacitive cores
- ★ Integrated structural design technology
- ★ Insulation core stress buffer layer technology
- ★ Process control technology for consistency of capacitor units

Technical Characteristics

- ★ Using mesh metal electrodes as the capacitor screen, the insulation and capacitor screen are firmly and reliably combined, with excellent explosion-proof and anti-seismic performance, and low dielectric loss factors
- ★ Can produce voltage tap that meet IEEE, with a power frequency withstand voltage of 20kV;
- ★ Integrated structure, no filling interface between internal and external insulation, excellent waterproof performance;
- ★ Simple sealing structure and excellent anti leakage performance;
- ★ The surface voltage distribution is uniform, and as an external insulation, the silicone rubber sheds have good anti-flashover characteristic;
- ★ Oil free, gas free, porcelain free, explosion-proof, anti-seismic, environmentally friendly, and requires minimal maintenance.

Explosion proof:

Capable of withstanding large explosive impacts, without explosive fragments, and will not cause harm to surrounding people and equipment. The 245kV bushing produced by our company has passed a 63kA short-circuit current fault test at EDF in France.

Anti-Seismic:

The performance of the bushing under extreme conditions such as earthquakes has been verified through the 2.5g seismic limit test conducted by the University of Buffalo in the United States.

PRODUCT SELECTION ▶ ▶

1.Transformer Bushing (Air-Oil)

Technical Parameters

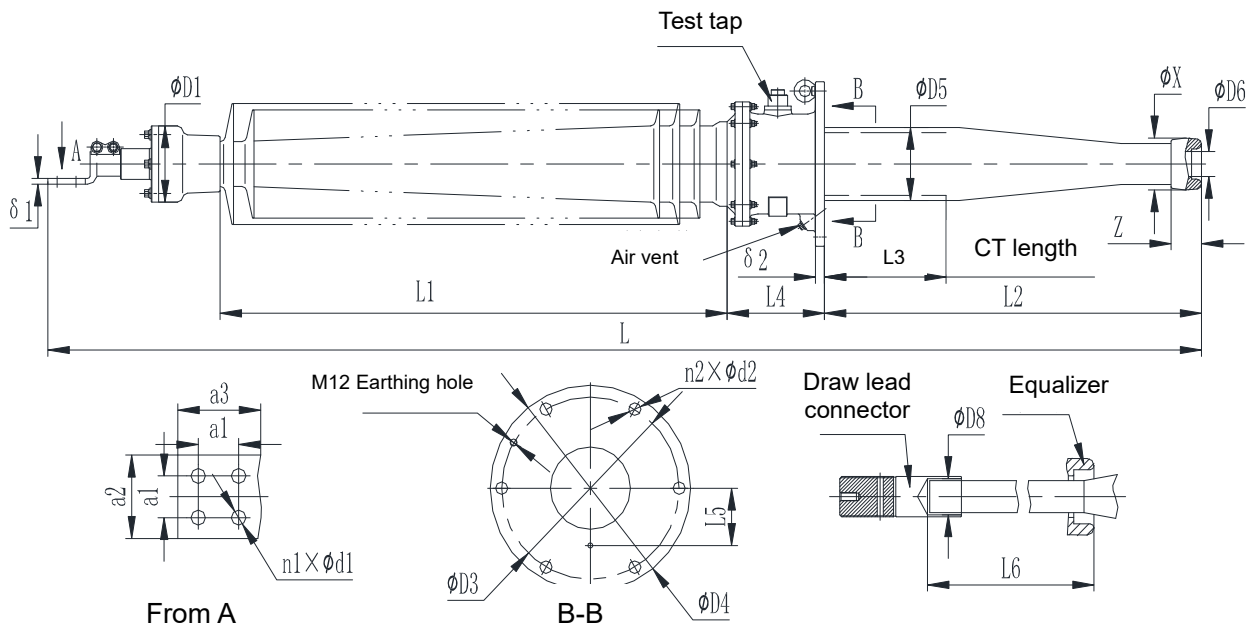
Rated voltage, kV		72.5	126	145	170	252	420	550
Rated power frequency withstand voltage 1 min, kV	Dry	155	255	305	355	505	695	870
	Wet	140	230	275	325	460	N/A	N/A
Rated lightning impulse withstand voltage 1.2 / 50μs, kV		325	550	650	750	1050	1425	1800
Rated switching impulse withstand voltage, kV		N/A	N/A	N/A	N/A	850	1050	1300
Rated current, A		0~8000						
Dissipation factor	Max	$\leq 0.4\%$ at $1.05U_m/\sqrt{3}$						
	Increase	$\leq 0.1\%$ between $1.05U_m/\sqrt{3}$ and U_m						
Power-frequency withstand voltage of test tap1 min, kV		2						
Partial discharge, pC		≤ 10 at U_m						
		≤ 5 at $1.05U_m/\sqrt{3}$						
Tightness test		0.3MPa/20min, No leakage						
Rated thermal short-time current, kA		25 times rated current						
Frequency, Hz		50						

Cantilever Withstand Load

Rated voltage, kV	Rated current, A			
	≤ 800	1000~1600	2000~2500	≥ 3150
72.5	2000	2000	3150	4000
123~145	3150	3150	4000	4000
170~252	4000	4000	5000	5000
420	4000	4000	5000	5000
550	5000	5000	5000	5000

PRODUCT SELECTION

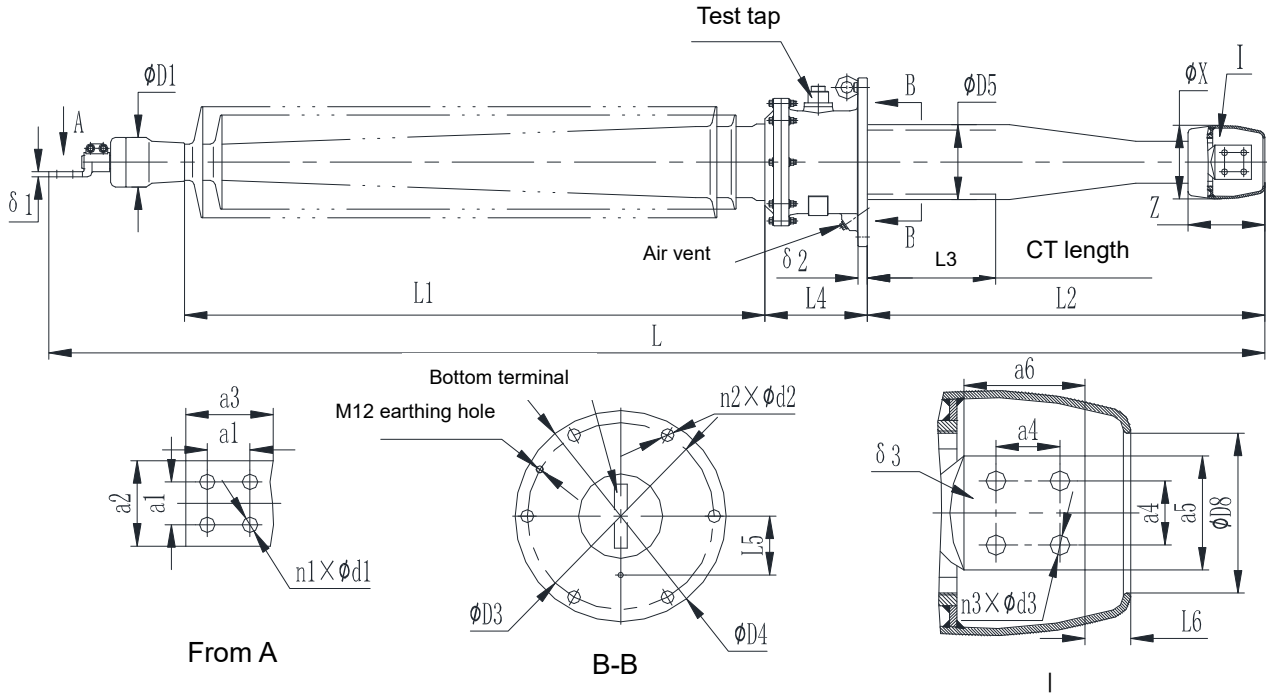
72.5kV-145kV Transformer Bushing (Draw Lead Type)



Product code	Model	Total length	Upper terminal				Arcing distance	Flange						Transformer inside									
		L	a1	a2×a3	n1×Φd1	δ1	L1	L4	D3	D4	n2×Φd2	L5	δ2	L2	L3	D5	Z	X	D1	D6	D8	L6	
JR488d	WJBDL-72.5/630-4	2075	40	80×85	4×Φ14	12	800	200	280	310	6×Φ18	85	18	685	400	140	75	125	155	60	28	1775	
JR489b	WJBDL-72.5/630-4	2225	40	80×85	4×Φ14	12	800	200	280	310	6×Φ18	85	18	835	550	140	75	125	155	60	28	1925	
JR466b	WJBDL-72.5/1250-4	2110	50	100×105	4×Φ18	14	800	200	280	310	6×Φ18	85	18	685	400	140	75	125	155	60	46	1785	
JR467b	WJBDL-72.5/1250-4	2260	50	100×105	4×Φ18	14	800	200	280	310	6×Φ18	85	18	835	550	140	75	125	155	60	46	1935	
JR1112a	WJBDL-72.5/1600-4	2120	50	100×105	4×Φ18	16	800	200	280	310	6×Φ18	85	18	685	400	140	75	125	155	60	50	1790	
JR1113a	WJBDL-72.5/1600-4	2270	50	100×105	4×Φ18	16	800	200	280	310	6×Φ18	85	18	835	550	140	75	125	155	60	50	1940	
JR597e	WJBDL-126/630-4	2705	40	80×85	4×Φ14	12	1250	240	350	395	6×Φ24	110	22	825	400	175	75	125	155	60	28	2405	
JR598b	WJBDL-126/630-4	2855	40	80×85	4×Φ14	12	1250	240	350	395	6×Φ24	110	22	975	550	175	75	125	155	60	28	2555	
JR567b	WJBDL-126/1250-4	2740	50	100×105	4×Φ18	14	1250	240	350	395	6×Φ24	110	22	825	400	175	75	125	155	60	46	2415	
JR568b	WJBDL-126/1250-4	2890	50	100×105	4×Φ18	14	1250	240	350	395	6×Φ24	110	22	975	550	175	75	125	155	60	46	2565	
JR575b	WJBDL-126/1600-4	2750	50	100×105	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	825	400	175	75	125	155	60	50	2420	
JR576b	WJBDL-126/1600-4	2900	50	100×105	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	975	550	175	75	125	155	60	50	2570	
JR1411	WJBDL-145/630-4	2965	40	80×85	4×Φ14	12	1450	240	350	395	6×Φ24	110	22	885	400	185	75	125	155	60	28	2665	
JR1412	WJBDL-145/630-4	3115	40	80×85	4×Φ14	12	1450	240	350	395	6×Φ24	110	22	1035	550	185	75	125	155	60	28	2815	
JR1272	WJBDL-145/1250-4	3000	50	100×105	4×Φ18	14	1450	240	350	395	6×Φ24	110	22	885	400	185	75	125	155	60	46	2675	
JR1273	WJBDL-145/1250-4	3150	50	100×105	4×Φ18	14	1450	240	350	395	6×Φ24	110	22	1035	550	185	75	125	155	60	46	2825	
JR1280	WJBDL-145/1600-4	3010	50	100×105	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	885	400	185	75	125	155	60	50	2680	
JR1281	WJBDL-145/1600-4	3160	50	100×105	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	1035	550	185	75	125	155	60	50	2830	

PRODUCT SELECTION

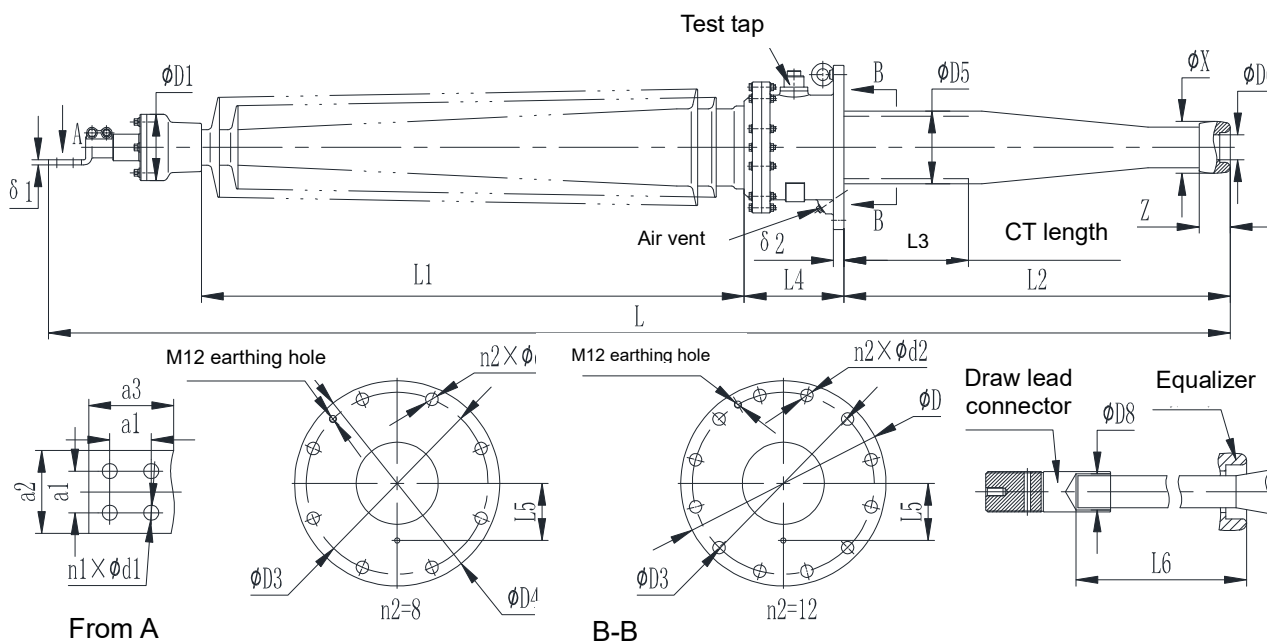
72.5kV-145kV Transformer Bushing (Solid Type)



Product code	Model	Total length	Upper terminal				Arcing distance	Flange						Transformer inside													
		L	a1	a2×a3	n1×Φd1	δ1	L1	L4	D3	D4	n2×Φd2	L5	δ2	L2	L3	D5	Z	X	D8	a4	a5×a6	n3×Φd3	δ3	L6	D1		
JR1062	WJBDL-72.5/2000-4	2215	50	100×105	4×Φ18	16	800	200	280	310	6×Φ18	85	18	790	400	140	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1063	WJBDL-72.5/2000-4	2365	50	100×105	4×Φ18	16	800	200	280	310	6×Φ18	85	18	940	550	140	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1256	WJBDL-72.5/2500-4	2240	60	125×130	4×Φ18	16	800	200	280	310	6×Φ18	85	18	790	400	140	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1257	WJBDL-72.5/2500-4	2390	60	125×130	4×Φ18	16	800	200	280	310	6×Φ18	85	18	940	550	140	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1070	WJBDL-126/2000-4	2845	50	100×105	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	930	400	175	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1071	WJBDL-126/2000-4	2995	50	100×105	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	1080	550	175	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1264	WJBDL-126/2500-4	2870	60	125×130	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	930	400	175	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1265	WJBDL-126/2500-4	3020	60	125×130	4×Φ18	16	1250	240	350	395	6×Φ24	110	22	1080	550	175	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1283	WJBDL-145/2000-4	3105	50	100×105	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	990	400	185	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1284	WJBDL-145/2000-4	3255	50	100×105	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	1140	550	185	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1291	WJBDL-145/2500-4	3130	60	125×130	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	990	400	185	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1292	WJBDL-145/2500-4	3280	60	125×130	4×Φ18	16	1450	240	350	395	6×Φ24	110	22	1140	550	185	180	172	112	45	80×85	4×Φ14	14	32	165		

PRODUCT SELECTION

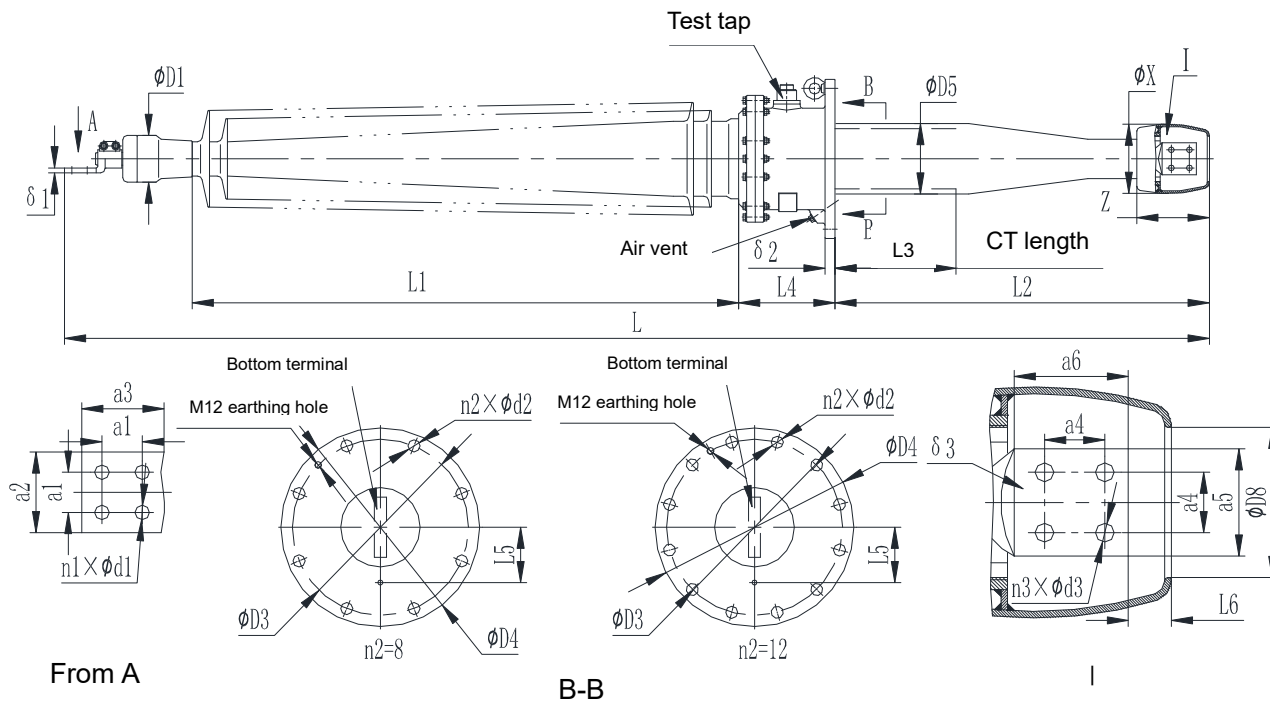
170kV-252kV Transformer Bushing (Draw Lead Type)



Product code	Model	Total length	Upper terminal				Arcing distance	Flange						Transformer inside									
		L	a1	a2×a3	n1×Φd1	δ1	L1	L4	D3	D4	n2×Φd2	L5	δ2	L2	L3	D5	Z	X	D1	D6	D8	L6	
JR1419	WJBDL-170/630-4	3205	40	80×85	4×Φ14	12	1650	240	400	450	8×Φ24	135	25	925	400	210	75	125	155	60	28	2905	
JR1420	WJBDL-170/630-4	3355	40	80×85	4×Φ14	12	1650	240	400	450	8×Φ24	135	25	1075	550	210	75	125	155	60	28	3055	
JR1303	WJBDL-170/1250-4	3240	50	100×105	4×Φ18	14	1650	240	400	450	8×Φ24	135	25	925	400	210	75	125	155	60	46	2915	
JR1304	WJBDL-170/1250-4	3390	50	100×105	4×Φ18	14	1650	240	400	450	8×Φ24	135	25	1075	550	210	75	125	155	60	46	3065	
JR1311	WJBDL-170/1600-4	3250	50	100×105	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	925	400	210	75	125	155	60	50	2920	
JR1312	WJBDL-170/1600-4	3400	50	100×105	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	1075	550	210	75	125	155	60	50	3070	
JR1449	WJBDL-252/630-4	4480	40	80×85	4×Φ14	12	2590	350	500	550	12×Φ24	200	35	1150	400	290	110	200	155	≥60	32	4180	
JR1450	WJBDL-252/630-4	4580	40	80×85	4×Φ14	12	2590	350	500	550	12×Φ24	200	35	1250	500	290	110	200	155	≥60	32	4280	
JR1451	WJBDL-252/630-4	4780	40	80×85	4×Φ14	12	2590	350	500	550	12×Φ24	200	35	1450	700	290	110	200	155	≥60	32	4480	
JR1459	WJBDL-252/1250-4	4515	50	100×105	4×Φ18	14	2590	350	500	550	12×Φ24	200	35	1150	400	290	110	200	155	≥60	46	4190	
JR1460	WJBDL-252/1250-4	4615	50	100×105	4×Φ18	14	2590	350	500	550	12×Φ24	200	35	1250	500	290	110	200	155	≥60	46	4290	
JR1461	WJBDL-252/1250-4	4815	50	100×105	4×Φ18	14	2590	350	500	550	12×Φ24	200	35	1450	700	290	110	200	155	≥60	46	4490	
JR1336	WJBDL-252/1600-4	4525	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1150	400	290	110	200	155	≥60	50	4195	
JR1337	WJBDL-252/1600-4	4625	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1250	500	290	110	200	155	≥60	50	4295	
JR1338	WJBDL-252/1600-4	4825	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1450	700	290	110	200	155	≥60	50	4495	

PRODUCT SELECTION ▶ ▶

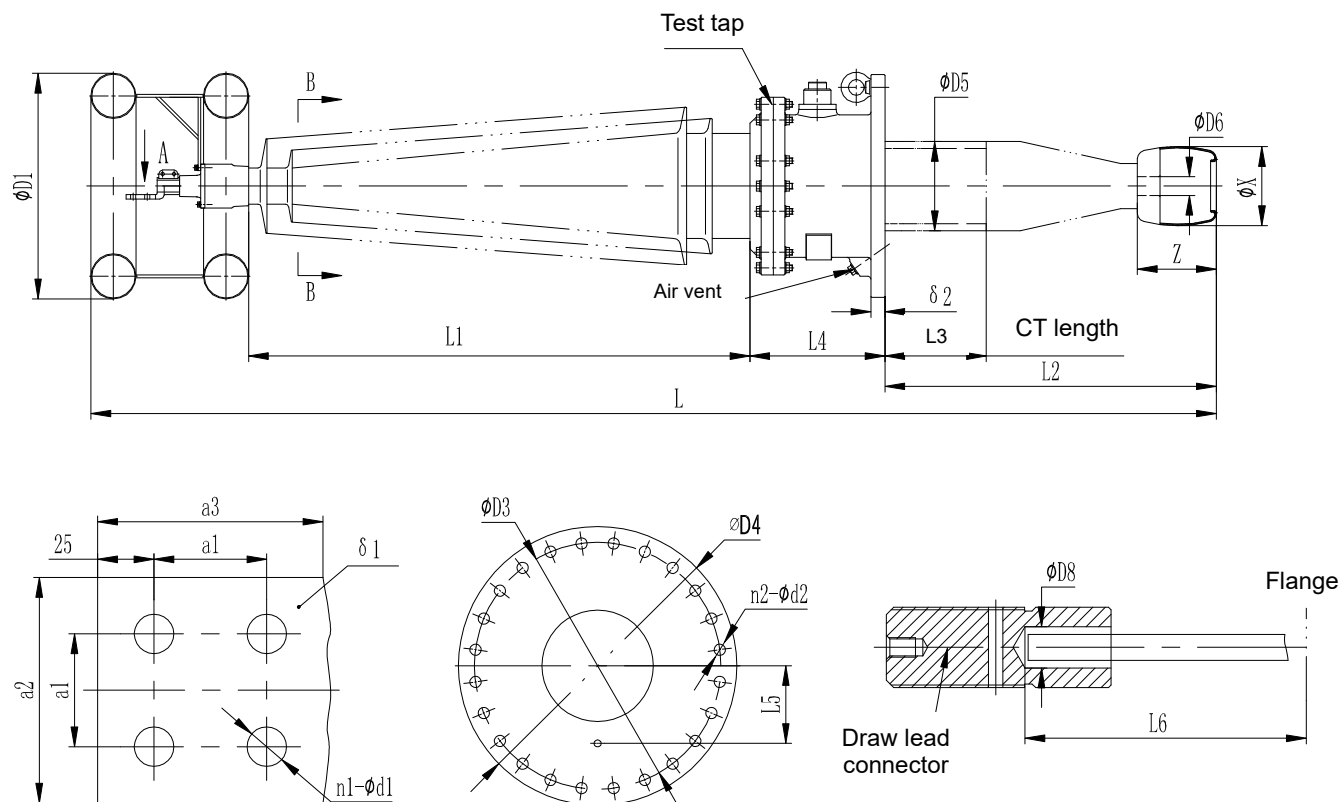
170kV-252kV Transformer Bushing (Solid Type)



Product code	Model	Total length	Upper terminal				Arcing distance	Flange						Transformer inside													
			L	a1	a2×a3	n1×Φd1		δ1	L1	L4	D3	D4	n2×Φd2	L5	δ2	L2	L3	D5	Z	X	D8	a4	a5×a6	n3×Φd3	δ3	L6	D1
JR1319	WJBDL-170/2000-4	3345	50	100×105	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	1030	400	210	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1320	WJBDL-170/2000-4	3495	50	100×105	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	1180	550	210	180	172	112	45	80×85	4×Φ14	14	32	155		
JR1327	WJBDL-170/2500-4	3370	60	125×130	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	1030	400	210	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1328	WJBDL-170/2500-4	3520	60	125×130	4×Φ18	16	1650	240	400	450	8×Φ24	135	25	1180	550	210	180	172	112	45	80×85	4×Φ14	14	32	165		
JR1346	WJBDL-252/2000-4	4605	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1240	400	290	200	210	150	45	80×85	4×Φ14	14	52	165		
JR1347	WJBDL-252/2000-4	4705	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1340	500	290	200	210	150	45	80×85	4×Φ14	14	52	165		
JR1348	WJBDL-252/2000-4	4905	50	100×105	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1540	700	290	200	210	150	45	80×85	4×Φ14	14	52	165		
JR1356	WJBDL-252/2500-4	4630	60	125×130	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1240	400	290	200	210	150	45	80×85	4×Φ14	14	52	165		
JR1357	WJBDL-252/2500-4	4730	60	125×130	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1340	500	290	200	210	150	45	80×85	4×Φ14	14	52	165		
JR1358	WJBDL-252/2500-4	4930	60	125×130	4×Φ18	16	2590	350	500	550	12×Φ24	200	35	1540	700	290	200	210	150	45	80×85	4×Φ14	14	52	165		

PRODUCT SELECTION ▶ ▶

420kV-550kV Transformer Bushing (Draw Lead Type)



From A

Product code	Model	Total length	Upper terminal					Arcing distance	Flange						Transformer inside								
			L	a1	a2×a3	n1×Φd1	δ1		D1	L1	L4	D3	D4	n2×Φd2	L5	δ2	L2	L3	D5	Z	X	D6	D8
JR1971	WJBDL-420/1250-4	6080	50	100x105	4xΦ18	16	900	3600	350	800	860	24xΦ22	200	25	1550	400	350	280	280	66	50	4385	
JR1972	WJBDL-420/1250-4	6180	50	100x105	4xΦ18	16	900	3600	350	800	860	24xΦ22	200	25	1650	500	350	280	280	66	50	4385	
JR1973	WJBDL-420/1250-4	6230	50	100x105	4xΦ18	16	900	3600	350	800	860	24xΦ22	200	25	1700	550	350	280	280	66	50	4385	
JR1988	WJBDL-550/1250-4	7340	50	100x105	4xΦ18	16	900	4580	350	750	800	16xΦ24	265	55	1832	450	420	280	330	66	54	5035	
JR1989	WJBDL-550/1250-4	7440	50	100x105	4xΦ18	16	900	4580	350	750	800	16xΦ24	265	55	1932	550	420	280	330	66	54	5035	
JR1990	WJBDL-550/1250-4	7540	50	100x105	4xΦ18	16	900	4580	350	750	800	16xΦ24	265	55	2032	650	420	280	330	66	54	5035	

PRODUCT SELECTION ▶ ▶

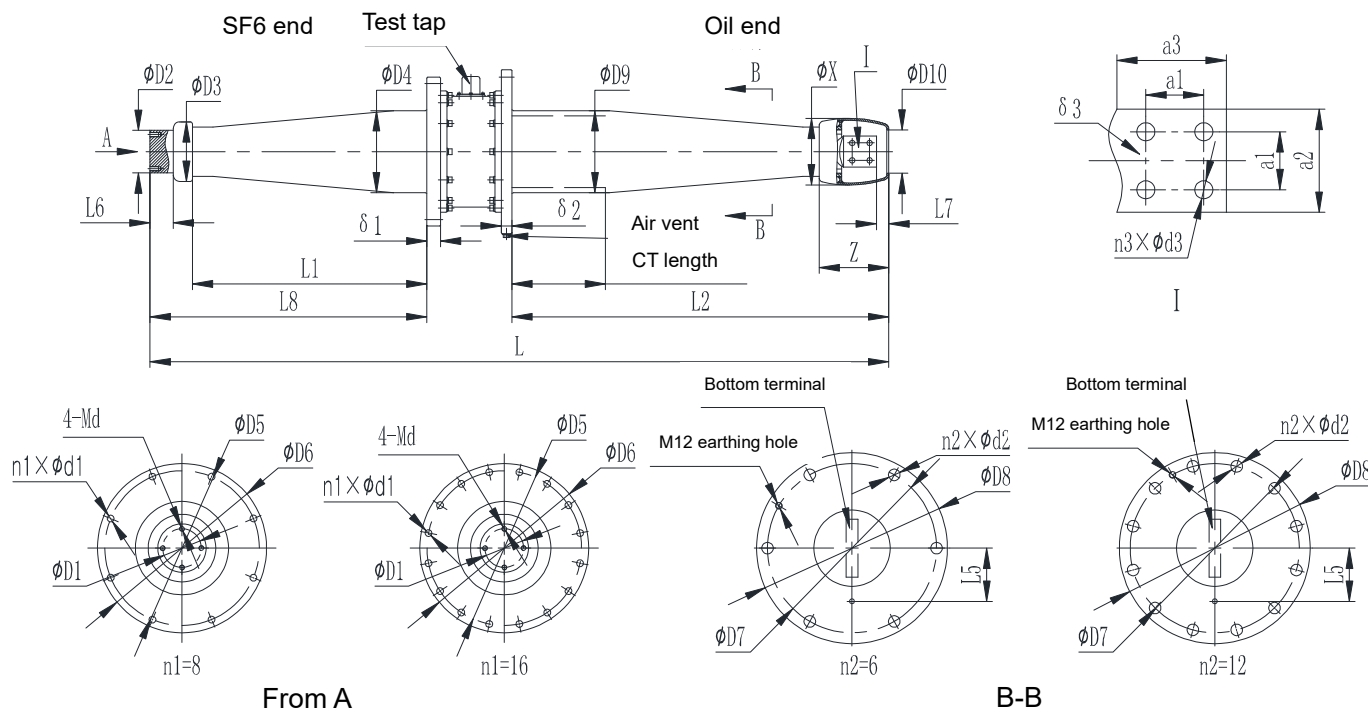
2.Transformer Bushing (Oil-SF6)

Technical Parameters

Rated voltage, kV		72.5	126	252
Rated power frequency withstand voltage 1 min, kV		155	255	505
Rated lightning impulse withstand voltage 1.2 / 50μs, kV		325	550	1050
Rated switching impulse withstand voltage, kV		N/A	N/A	850
Dissipation factor	Max	$\leq 0.4\%$ at $1.05U_m/\sqrt{3}$		
	Increase	$\leq 0.1\%$ between $1.05U_m/\sqrt{3}$ and U_m		
Power-frequency withstand voltage of test tap 1 min, kV		2		
Partial discharge, pC		≤ 10 at U_m		
		≤ 5 at $1.05U_m/\sqrt{3}$		
Tightness test	Oil end	0.3MPa/20min, No leakage		
	SF ₆ end	0.65MPa/20min, No leakage		
Rated thermal short-time current, kA		25 times rated current		
Frequency, Hz		50		

PRODUCT SELECTION

Transformer Bushing (Oil-SF6)



Product code	Model	Total length	SF6 end													Oil end														
		L	D1	Md	D2	L6	L8	L1	D4	D3	D5	D6	n1×Φd1	δ1	D7	D8	n2×Φd2	L5	δ2	L2	L3	D9	Z	X	D10	a1	a2×a3	n3×Φd3	δ3	L7
JR1375	WJBG-126/1250	1350	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	530	0	180	180	172	112	45	70×70	4×Φ14	12	47
JR1376	WJBGL-126/1250	1600	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	780	250	180	180	172	112	45	70×70	4×Φ14	12	47
JR1377	WJBGL-126/1250	1750	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	930	400	180	180	172	112	45	70×70	4×Φ14	12	47
JR1378	WJBGL-126/1250	1950	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	1130	600	180	180	172	112	45	70×70	4×Φ14	12	47
JR1379	WJBG-126/2000	1350	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	530	0	180	180	172	112	45	80×85	4×Φ14	14	32
JR1380	WJBGL-126/2000	1600	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	780	250	180	180	172	112	45	80×85	4×Φ14	14	32
JR1381	WJBGL-126/2000	1750	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	930	400	180	180	172	112	45	80×85	4×Φ14	14	32
JR1382	WJBGL-126/2000	1950	70	M12	99	30	520	445	180	140	305	335	8×Φ16	30	350	395	6×Φ24	110	25	1130	600	180	180	172	112	45	80×85	4×Φ14	14	32
JR1389	WJBGL-252/1250	2110	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1040	200	295	200	210	150	45	70×70	4×Φ14	12	67
JR1390	WJBGL-252/1250	2310	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1240	400	295	200	210	150	45	70×70	4×Φ14	12	67
JR1391	WJBGL-252/1250	2410	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1340	500	295	200	210	150	45	70×70	4×Φ14	12	67
JR1392	WJBGL-252/1250	2610	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1540	700	295	200	210	150	45	70×70	4×Φ14	12	67
JR1394	WJBGL-252/2000	2110	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1040	200	295	200	210	150	45	80×85	4×Φ14	14	52
JR1395	WJBGL-252/2000	2310	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1240	400	295	200	210	150	45	80×85	4×Φ14	14	52
JR1396	WJBGL-252/2000	2410	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1340	500	295	200	210	150	45	80×85	4×Φ14	14	52
JR1397	WJBGL-252/2000	2610	110	M12	139	30	770	695	295	160	535	565	16×Φ16	35	500	550	12×Φ24	200	35	1540	700	295	200	210	150	45	80×85	4×Φ14	14	52

PRODUCT SELECTION

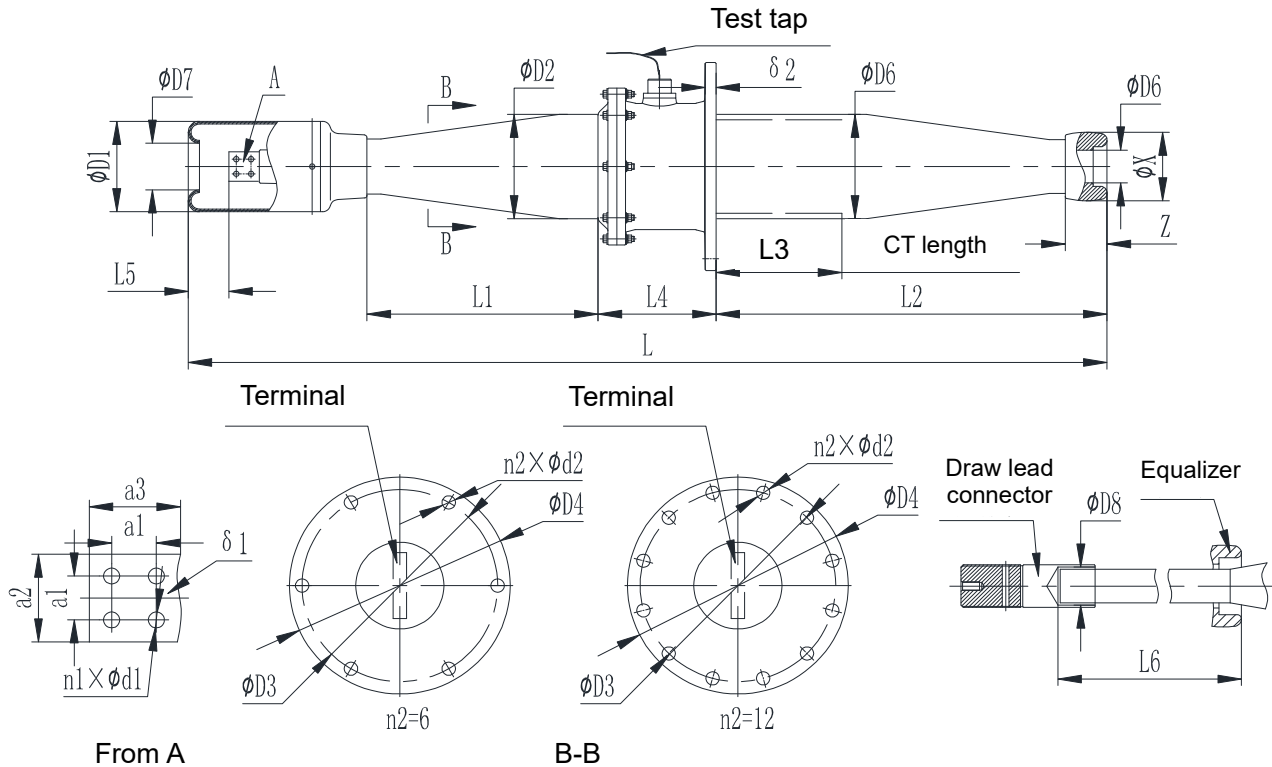
3.Transformer Bushing (Oil-Oil)

Technical Parameters

Rated voltage, kV		72.5	126	252
Rated power frequency withstand voltage 1 min, kV		155	255	505
Rated lightning impulse withstand voltage 1.2 / 50μs,kV		325	550	1050
Rated switching impulse withstand voltage,kV		N/A	N/A	850
Dissipation factor	Max	0.4% at $1.05U_m/\sqrt{3}$		
	Increase	0.1% between $1.05U_m/\sqrt{3}$ and U_m		
Power-frequency withstand voltage of test tap1 min, kV		2		
Partial discharge, pC		≤ 10 at U_m		
		≤ 5 at $1.05U_m/\sqrt{3}$		
Tightness test		0.3MPa/20min, No leakage		
Rated thermal short-time current, kA		25 times rated current,1s		
Frequency,Hz		50		

PRODUCT SELECTION

Transformer Bushing (Oil-Oil)



Product code	Model	Total length	Transformer outside								Flange						Transformer inside							
		L	D7	D1	a1	a2×a3	n1× $\phi d1$	$\delta 1$	L5	D2	L1	L4	D3	D4	n2× $\phi d2$	$\delta 2$	L2	L3	D5	Z	X	D6	D8	L6
JR1505	WJBOL-72.5/630	1415	105	165	45	80×85	4× $\phi 14$	12	45	140	210	200	280	310	6× $\phi 18$	20	685	400	140	75	125	60	28	1145
JR1506	WJBOL-72.5/630	1615	105	165	45	80×85	4× $\phi 14$	12	45	140	210	200	280	310	6× $\phi 18$	20	885	600	140	75	125	60	28	1345
JR1509	WLBOL-72.5/1250	1415	105	165	45	80×85	4× $\phi 14$	12	25	140	210	200	280	310	6× $\phi 18$	20	685	400	140	75	125	60	46	1155
JR1510	WLBOL-72.5/1250	1615	105	165	45	80×85	4× $\phi 14$	12	25	140	210	200	280	310	6× $\phi 18$	20	885	600	140	75	125	60	46	1355
JR1513	WLBOL-126/630	1735	105	165	45	80×85	4× $\phi 14$	12	45	175	350	240	350	395	6× $\phi 24$	22	825	400	175	75	125	60	28	1465
JR1514	WJBOL-126/630	1935	105	165	45	80×85	4× $\phi 14$	12	45	175	350	240	350	395	6× $\phi 24$	22	1025	600	175	75	125	60	28	1665
JR1517	WJBOL-126/1250	1735	105	165	45	80×85	4× $\phi 14$	12	25	175	350	240	350	395	6× $\phi 24$	22	825	400	175	75	125	60	46	1475
JR1518	WJBOL-126/1250	1935	105	165	45	80×85	4× $\phi 14$	12	25	175	350	240	350	395	6× $\phi 24$	22	1025	600	175	75	125	60	46	1675
JR1521	WJBOL-252/630	2460	150	210	45	80×85	4× $\phi 14$	12	35	300	640	350	500	550	12× $\phi 24$	35	1150	400	300	110	210	60	32	2190
JR1522	WJBOL-252/630	2560	150	210	45	80×85	4× $\phi 14$	12	35	300	640	350	500	550	12× $\phi 24$	35	1250	500	300	110	210	60	32	2290
JR1523	WJBOL-252/630	2760	150	210	45	80×85	4× $\phi 14$	12	35	300	640	350	500	550	12× $\phi 24$	35	1450	700	300	110	210	60	32	2490
JR1526	WJBOL-252/1250	2460	150	210	45	80×85	4× $\phi 14$	12	25	300	640	350	500	550	12× $\phi 24$	35	1150	400	300	110	210	60	46	2200
JR1527	WJBOL-252/1250	2560	150	210	45	80×85	4× $\phi 14$	12	25	300	640	350	500	550	12× $\phi 24$	35	1250	500	300	110	210	60	46	2300
JR1528	WJBOL-252/1250	2760	150	210	45	80×85	4× $\phi 14$	12	25	300	640	350	500	550	12× $\phi 24$	35	1450	700	300	110	210	60	46	2500

PRODUCT SELECTION ▶ ▶

4. GIS Bushing (SF6-Air)

Technical Parameters

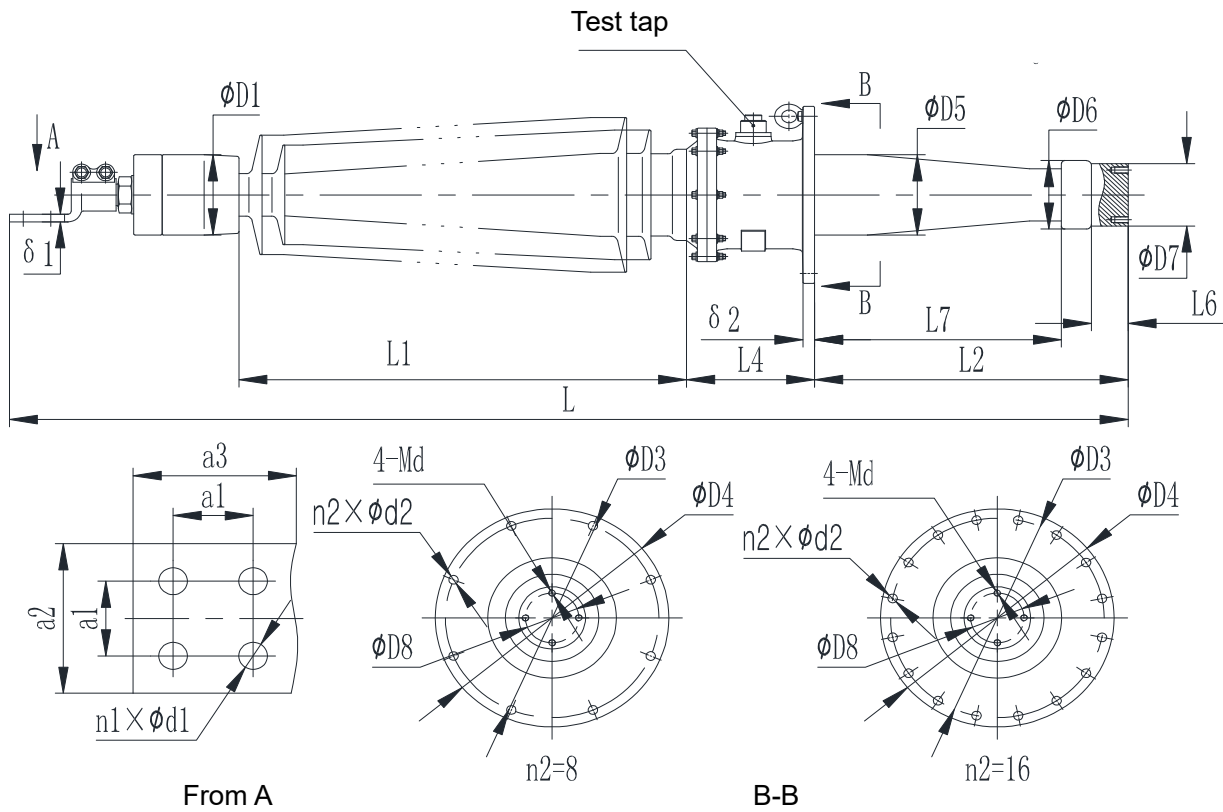
Rated voltage, kV		72.5	126	252
Rated power frequency withstand voltage 1 min, kV	Dry	140	230	460
	Wet	140	230	460
Rated lightning impulse withstand voltage 1.2 / 50μs,kV		325	550	1050
Dissipation factor	Max	0.4% at $1.05U_m/\sqrt{3}$		
	Increase	0.1% between $1.05U_m/\sqrt{3}$ and U_m		
Power-frequency withstand voltage of test tap1 min, kV		2		
Partial discharge, pC		≤ 10 at U_m		
		≤ 5 at $1.05U_m/\sqrt{3}$		
Tightness test		0.65MPa/20min, No leakage		
Rated thermal short-time current, kA		25 times rated current,1s		
Frequency,Hz		50		

Cantilever withstand load

Rated voltage, kV	Rated current, A			
	≤ 800	1000~1600	2000~2500	≥ 3150
72.5	2000	2000	3150	4000
123~145	3150	3150	4000	4000
170~252	4000	4000	5000	5000

PRODUCT SELECTION

GIS Bushing (SF6-Air)



Product code	Model	Total length	Upper terminal				Arc distance	Flange					SF ₆ end				SF ₆ end terminal				
		L	a1	a2×a3	n1× $\phi d1$	$\delta 1$	L1	L4	D3	D4	n2× $\phi d2$	$\delta 2$	L2	L7	D5	D6	D8	Md	D7	L6	D1
JR1539	WJG-126/1250-4	2490	50	100×105	4× $\phi 18$	14	1310	240	305	335	8× $\phi 16$	30	520	445	180	140	70	M12	99	30	155
JR1540	WJG-126/2000-4	2495	50	100×105	4× $\phi 18$	16	1310	240	305	335	8× $\phi 16$	30	520	445	180	140	70	M12	99	30	155
JR1541	WJG-126/2500-4	2520	60	125×130	4× $\phi 18$	16	1310	240	305	335	8× $\phi 16$	30	520	445	180	140	70	M12	99	30	165
JR1542	WJG-252/1250-4	4330	50	100×105	4× $\phi 18$	14	2790	350	535	565	16× $\phi 16$	35	770	695	295	160	110	M12	139	30	165
JR1543	WJG-252/2000-4	4335	50	100×105	4× $\phi 18$	16	2790	350	535	565	16× $\phi 16$	35	770	695	295	160	110	M12	139	30	165
JR1544	WJG-252/2500-4	4360	60	125×130	4× $\phi 18$	16	2790	350	535	565	16× $\phi 16$	35	770	695	295	160	110	M12	139	30	165

Jackie Zhang
WhatsApp contact

Contact: Jackie Zhang

E-mail: jackie.zhang@rxdeg.com

Tel: 0086-13716987978

www.rxdeg.com

