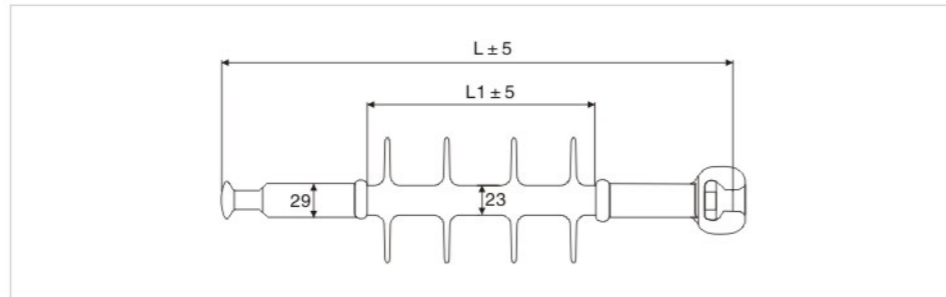
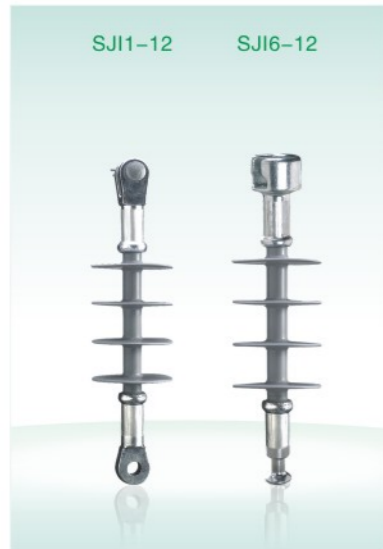
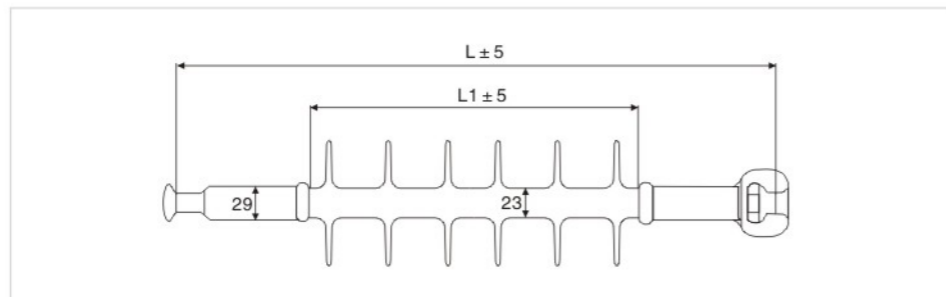
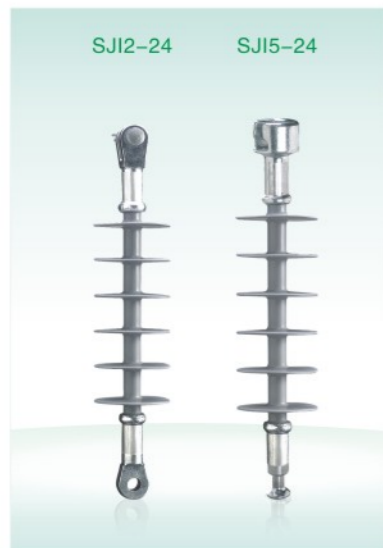




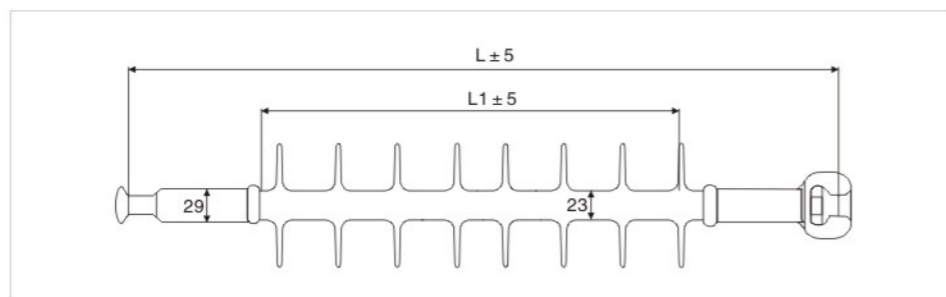
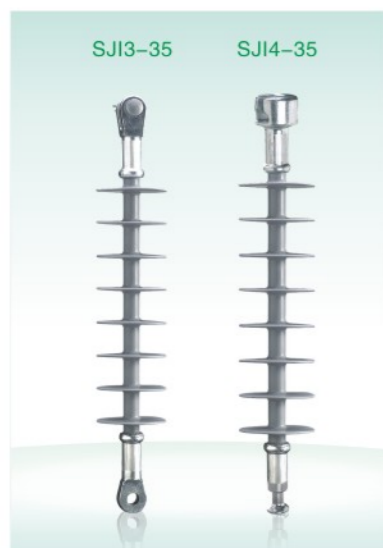
(Long Rod) Suspension Composite Insulator



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ11-12	12-15	70/100	355	169	440	95	45
SJ16-12	12-15	70/100	345	169	440	95	45



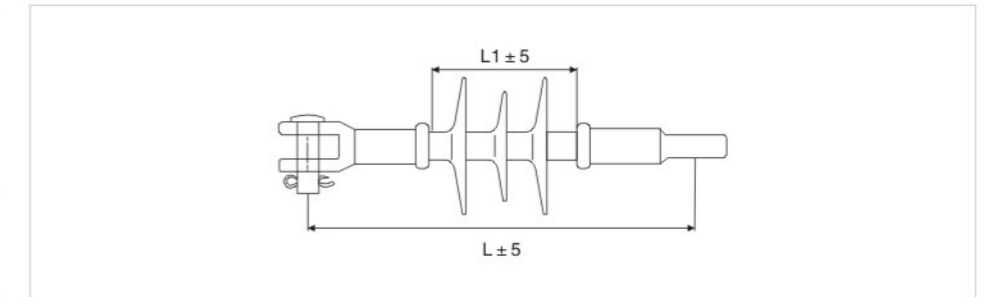
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ12-24	24-27	70/100	446	261	690	185	95
SJ15-24	24-27	70/100	436	261	690	185	95



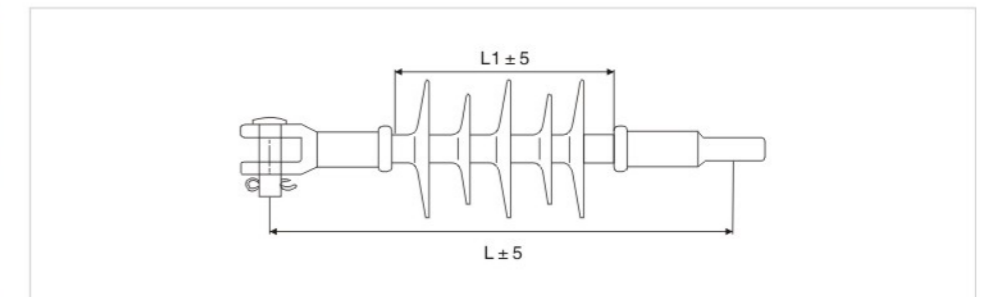
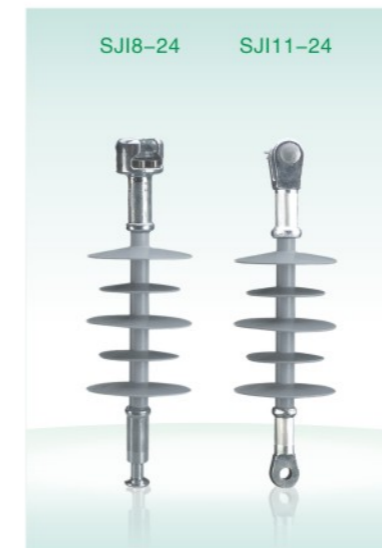
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ13-35	33-38	70/100	538	353	900	230	105
SJ14-35	33-38	70/100	528	353	900	230	105



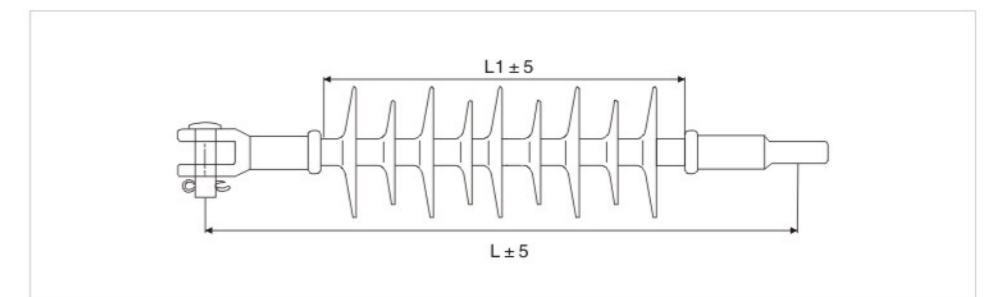
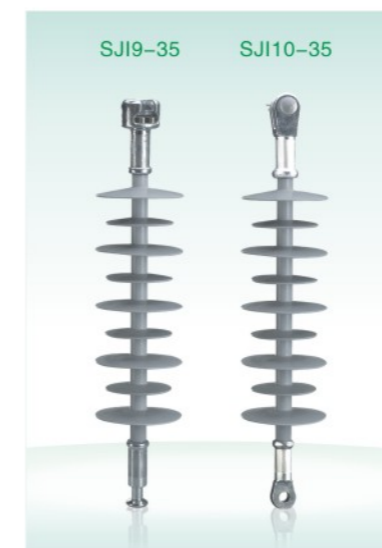
(Long Rod) Suspension Composite Insulator



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ17-12	12-15	70/100/120	345	155	465	95	45
SJ12-12	12-15	70/100/120	355	155	465	95	45



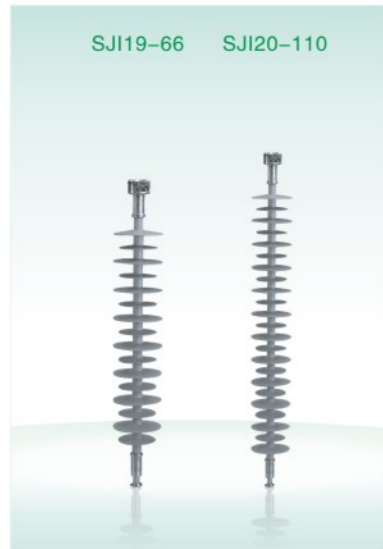
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ18-24	24-28	70/100/120	435	245	755	185	95
SJ11-24	24-28	70/100/120	445	245	755	185	95



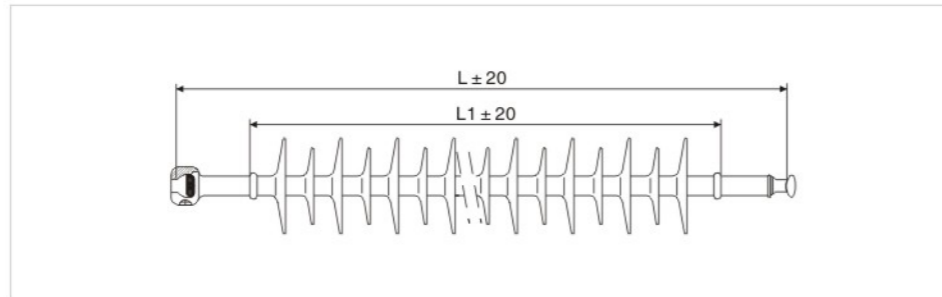
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ19-35	33-38	70/100/120	615	425	1300	230	105
SJ10-35	33-38	70/100/120	625	425	1300	230	105



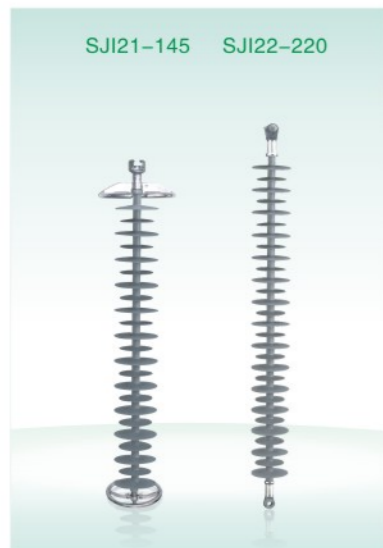
(Long Rod) Suspension Composite Insulator



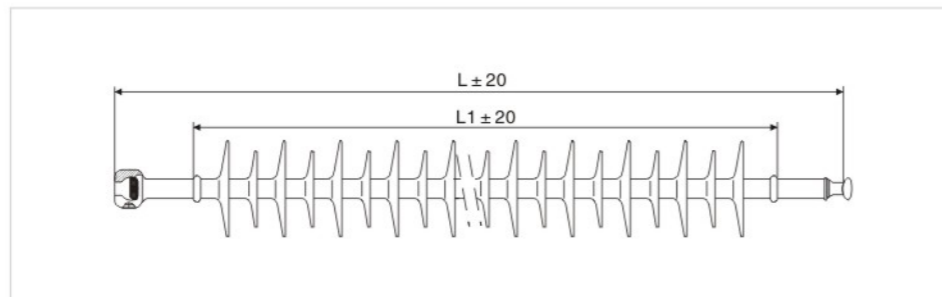
SJ119-66 SJ120-110



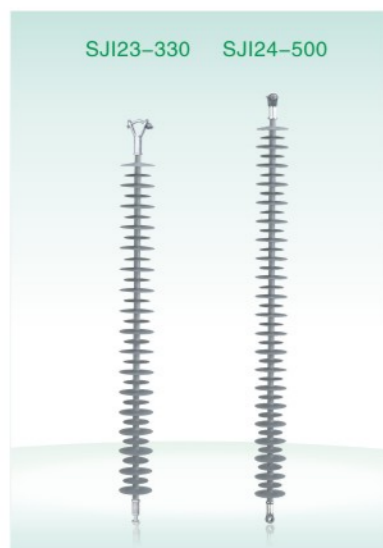
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ119-66	66-72	100/120/160	900	680	2200	410	185
SJ120-110	110-132	100/120/160	1240	1012	3200	550	230



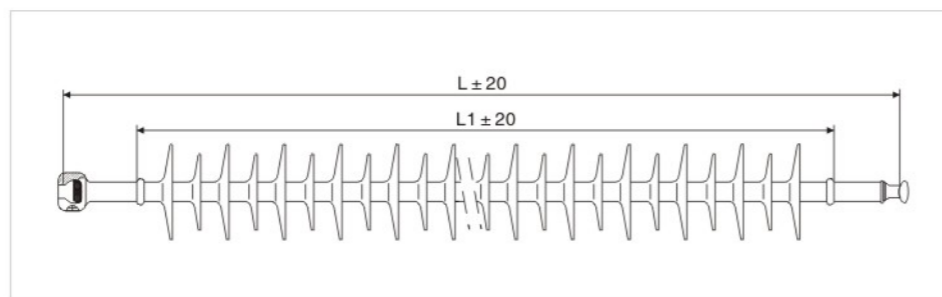
SJ121-145 SJ122-220



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ121-145	132-145	100/120/160	1660	1440	4600	600	260
SJ122-220	220-240	120/160/210	2160	1930	6300	1000	395



SJ123-330 SJ124-500



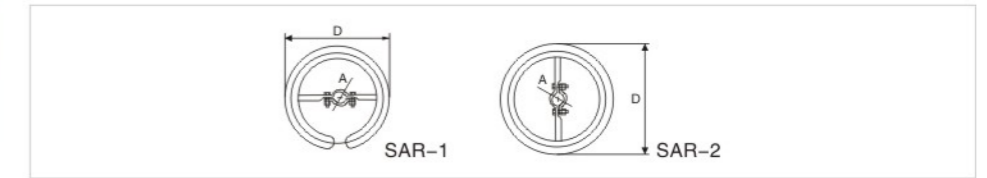
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJ123-330	310-350	120/160/210	2990	2600	8600	1425	570
SJ124-500	500-550	120/160/210	4080	3730	12250	2250	740



Insulator End Fitting



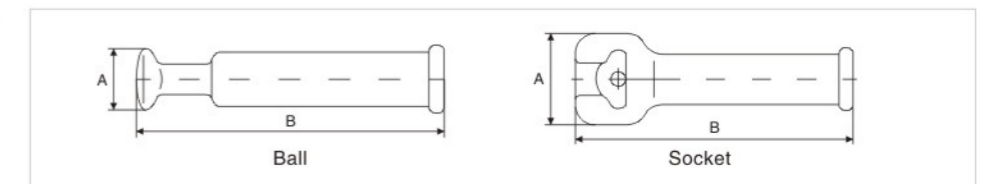
SAR-1 SAR-2



Rated Voltage	Dimensions(mm)		Weight(kg)
	D	A	
220KV	260	Φ44(Φ29)	0.70
330KV	330	Φ44(Φ29)	0.95
500KV	400	Φ44(Φ29)	1.4



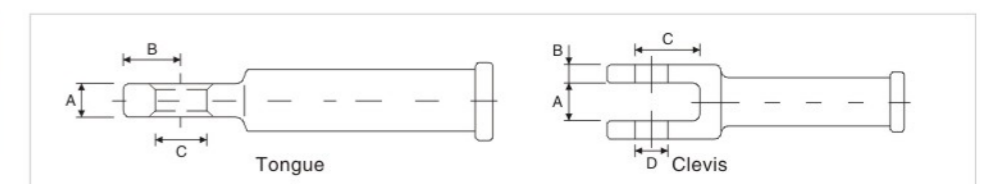
BALL SOCKET



Code	70kN	120kN	160kN	210kN
BALL (B)	Size 16 IEC 60120	Size 16 IEC 60120	Size 20 IEC 60120	Size 20 IEC 60120
SOCKET (S)	Size 16 IEC 60120	Size 16 IEC 60120	Size 20 IEC 60120	Size 20 IEC 60120



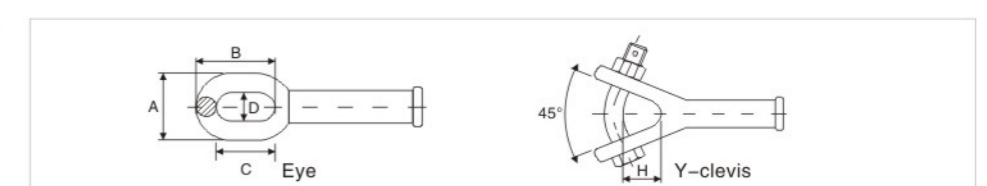
TONGUE CLEVIS



Code	70kN	120kN	160kN	210kN
TONGUE (T)	A=17 B=20 C=17.5	A=16 B=27 C=24	A=16 B=27 C=24	A=22 B=26 C=24
CLEVIS (C)	A=18,B=8 C=34.8,D=17.5	A=23,B=11.5 C=38,D=20	A=23,B=11.5 C=38,D=20	A=26,B=15 C=43,D=22



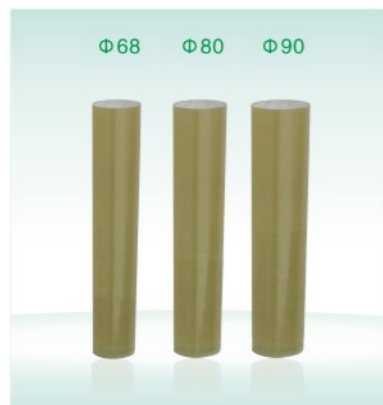
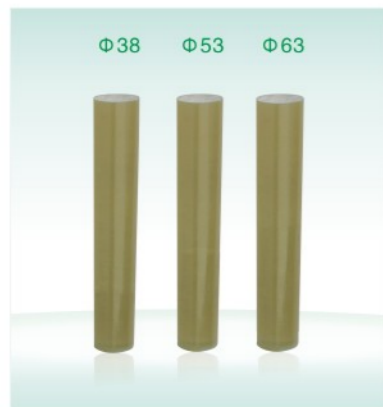
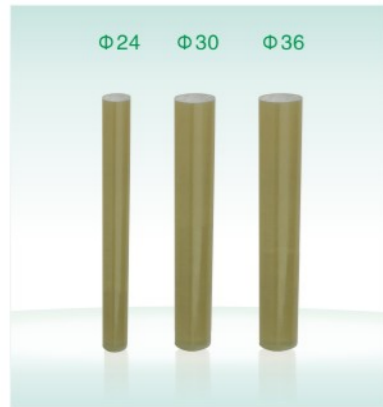
EYE Y-CLEVIS



Code	70kN	120kN	160kN	210kN
EYE (E)	A=44,B=45 C=31,D=20	A=62,B=70 C=52,D=26	A=62,B=70 C=52,D=26	A=70,B=74 C=52,D=26
Y-CLEVIS (Y)	H=40	H=40	H=40	H=40



Insulator Rod



E-Glass Rod (Vacuum Pull-Extruded Resin Reinforced Fiber Glass Rod)

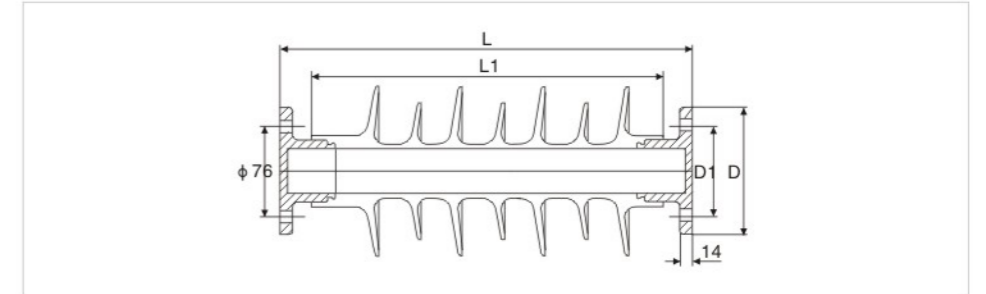
No	Parameter	Unit	Specification
1	(20 ± 2°C) Density At (20 ± 2°C)	g/cm3	≥ 2.0
2	(20 ± 2°C,24h) Water Absorbtion Rate At (20 ± 2°C,24h)	%	≤ 0.05
3	Tensile Strength	Mpa	≥ 1690
4	Bending Strength	Mpa	≥ 1100
5	Dry Penetration Test	Min	≥ 50
6	Water Difussion Test (1%Nacl,Boiling For 100h 12kv/1 Min)	μ A	< 10
7	Shearing Strength Along Laminals	Mpa	≥ 50
8	Volume Resistivity(140°C,96h)	Ω · M	≥ 1010
9	DC Withstand Voltage(10 Mins)	KV	≥ 50
10	Lightning Surge Withstand Voltage(100kV,10mm)	Times	≥ 5
11	Bending Strength At Heating Conditions	Mpa/150°C	≥ 350
12	Stress Corrosion(1Mol/1HN3,at 67% Stress)	h	≥ 7200h
13	Torsion Strength	Mpa	≥ 800
14	Dimension	Φ 16, Φ 17, Φ 18, Φ 24, Φ 30 Φ 36, Φ 38, Φ 53, Φ 63, Φ 68 Φ 80, Φ 90	

ECR Rod (Vacuum Pull-Extruded Thermo-Resistant Acid-Resistant Glass Rod)

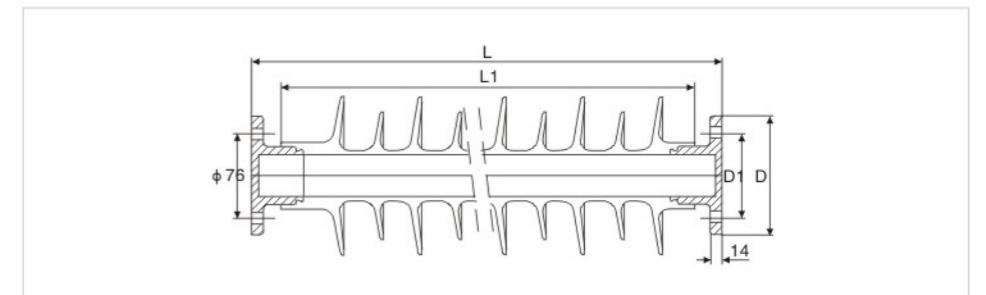
No	Parameter	Unit	Specification
1	(20 ± 2°C) Density At (20 ± 2°C)	g/cm3	≥ 2.0
2	(20 ± 2°C,24h) Water Absorbtion Rate At (20 ± 2°C,24h)	%	≤ 0.05
3	Tensile Strength	Mpa	≥ 1690
4	Bending Strength	Mpa	≥ 1100
5	Dry Penetration Test	Min	≥ 50
6	Water Difussion Test (1%Nacl,Boiling For 100h 12kv/1 Min)	μ A	< 10
7	Shearing Strength Along Laminals	Mpa	≥ 50
8	Volume Resistivity(140°C,96h)	Ω · M	≥ 1010
9	DC Withstand Voltage(10 Mins)	KV	≥ 50
10	Lightning Surge Withstand Voltage(100kV,10mm)	Times	≥ 5
11	Bending Strength At Heating Conditions	Mpa/150°C	≥ 350
12	Stress Corrosion(1Mol/1HN3,at 67% Stress)	h	≥ 7200h
13	Torsion Strength	Mpa	≥ 800
14	Dimension	Φ 16, Φ 17, Φ 18, Φ 24, Φ 30 Φ 36, Φ 38, Φ 53, Φ 63, Φ 68 Φ 80, Φ 90	



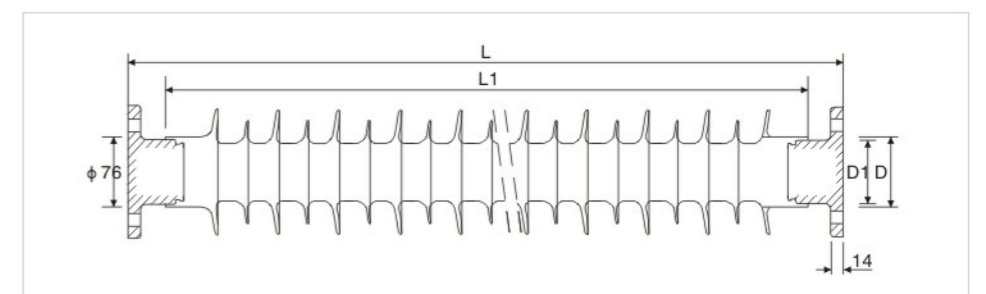
Vertical Line Post Composite Insulator



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Flanges Plate(mm)		Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
						D	D1		
SJI25-12	10-15	8/10/12.5	205	125	360	100	76	75	42
SJI26-24	24-27	8/10/12.5	340	250	850	100	76	150	65



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Flanges Plate(mm)		Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
						D	D1		
SJI27-36	35-38	8/10/12.5	415	370	1050	100	76	185	95
SJI28-66	66-72	8/10/12.5	795	620	2500	160	127	410	185



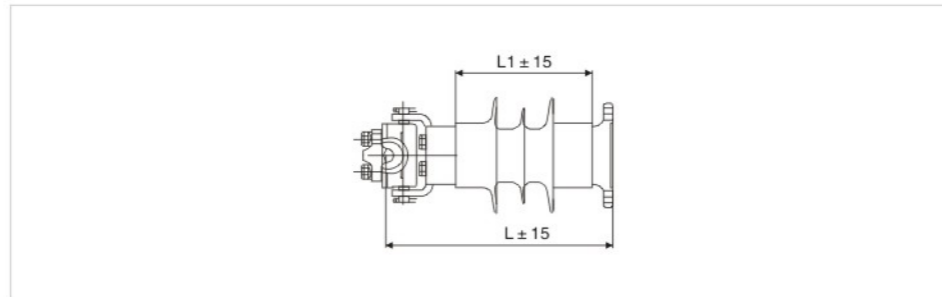
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Flanges Plate(mm)		Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
						D	D1		
SJI29-110	110-145	8/10/12.5	1200	1020	2800	160	127	500	230
SJI30-220	220-240	8/10	2400	2040	7600	160	127	1000	395



Vertical Line Post Composite Insulator



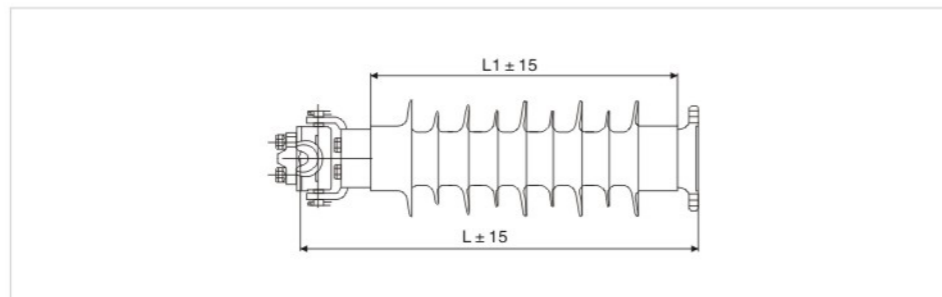
SJI59-12 SJI60-24



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI59-12	10-15	12.5	283	148	355	75	42
SJI60-24	24-27	8/12	435	300	850	150	65



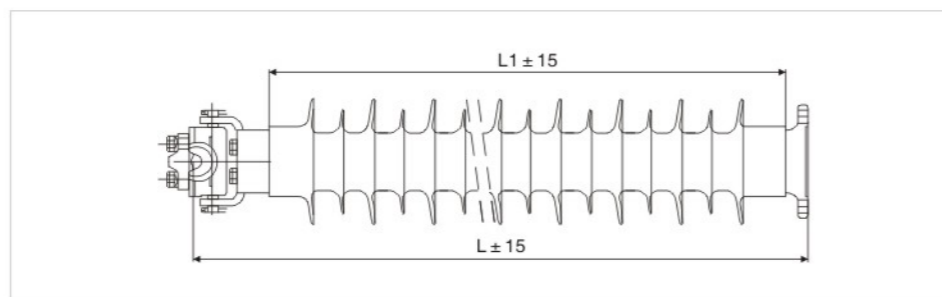
SJI61-35 SJI62-66



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI61-35	35-38	6/8/12	505	369	1050	185	95
SJI62-66	66-72	6/8/12	845	710	1720	410	185



SJI63-132 SJI64-230



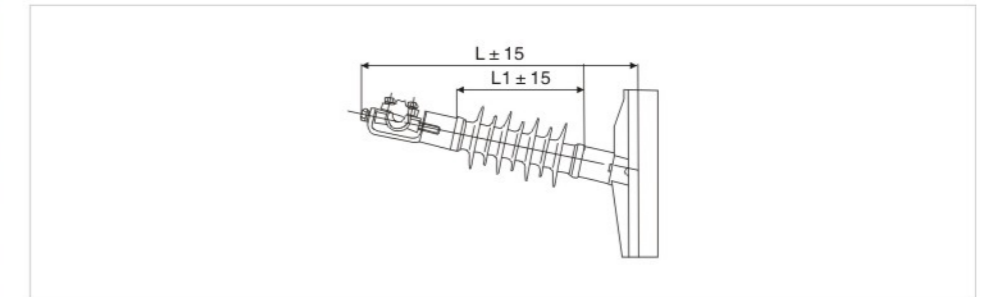
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI63-132	110-145	6/8/12	1345	1210	3210	600	300
SJI64-230	220-245	3	2500	2310	6200	1000	395



Horizontal Line Post Composite Insulator



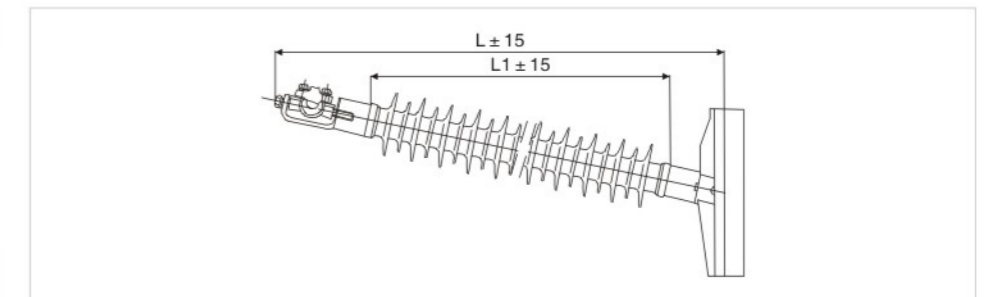
SJI43-12 SJI44-24



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI43-12	10-15	12.5	380	148	355	75	42
SJI44-24	24-27	8/12	485	300	850	150	65



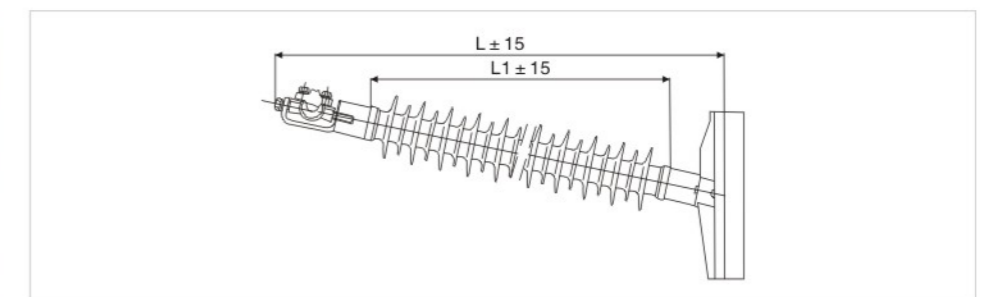
SJI45-35 SJI46-66



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI45-35	35-38	6/8/12	555	369	1050	185	95
SJI46-66	66-72	6/8/12	960	650	1800	410	165



SJI47-132 SJI48-230



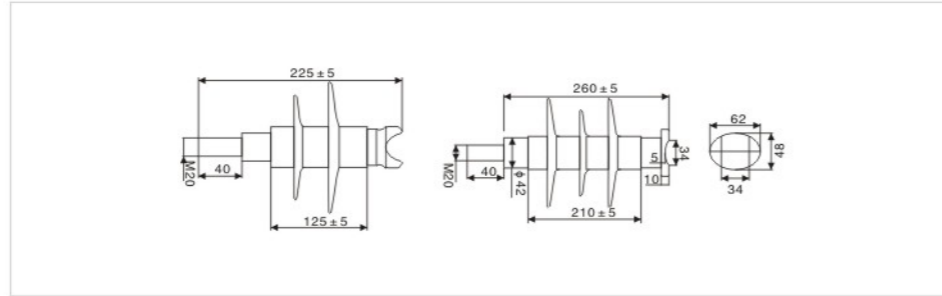
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length L(mm)	Min Arc Distance L1(mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI47-132	110-145	6/8/12	1450	1210	3210	600	300
SJI48-230	220-245	3/6/8	2525	2285	6200	1260	650



Pin Composite Insulator



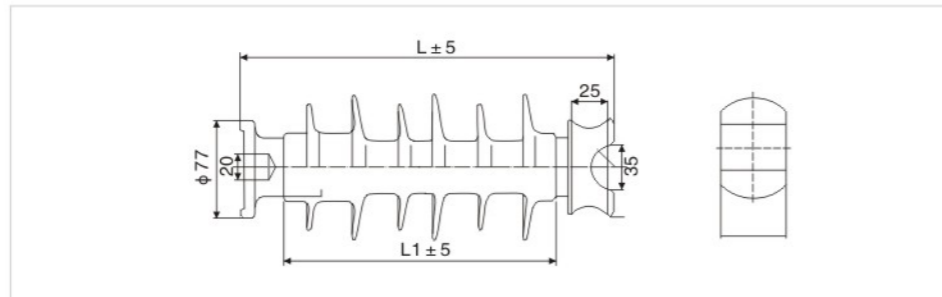
SJI31-12 SJI32-12



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length (mm)	Min Arc Distance (mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI31-12	12	8	225	125	305	75	42
SJI32-12	12	8	260	210	400	105	42



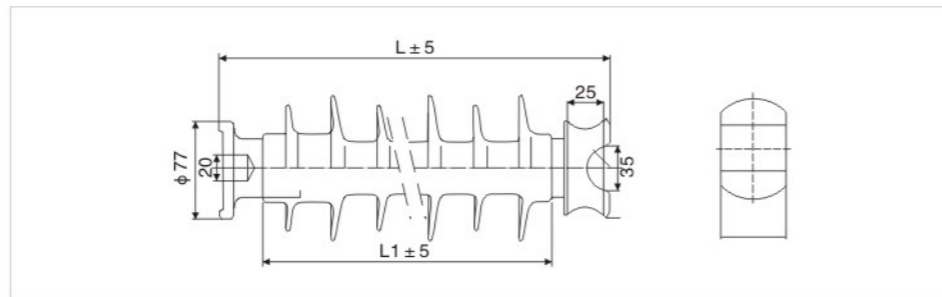
SJI33-15 SJI34-24



Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length (mm)	Min Arc Distance (mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI33-15	15	5	300	218	500	105	42
SJI34-24	24	12.5	325	218	550	150	95



SJI35-36 SJI36-36



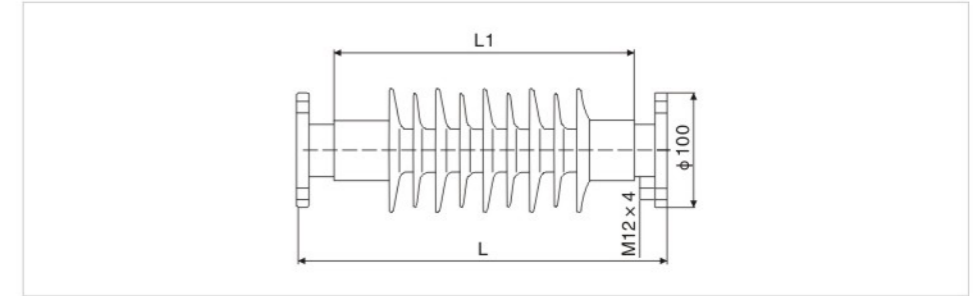
Catalogue No	Rated Voltage (kV)	Specified Mechanical Load(kN)	Section Length (mm)	Min Arc Distance (mm)	Leakage Distance (mm)	Lightning Impulse Withstand BIL(kV)	Power Frequency Withstand (Wet)(kV)
SJI35-36	36	10	370	288	740	185	110
SJI36-36	36	10	440	370	1050	185	110



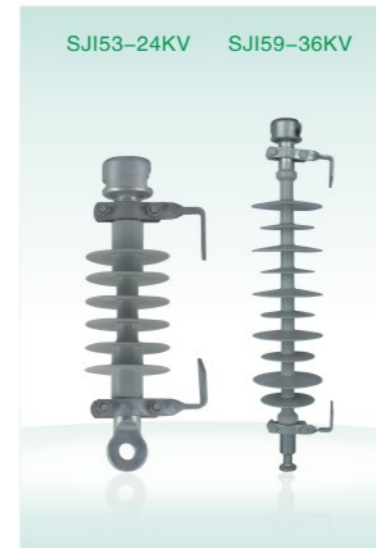
Standoff Insulator



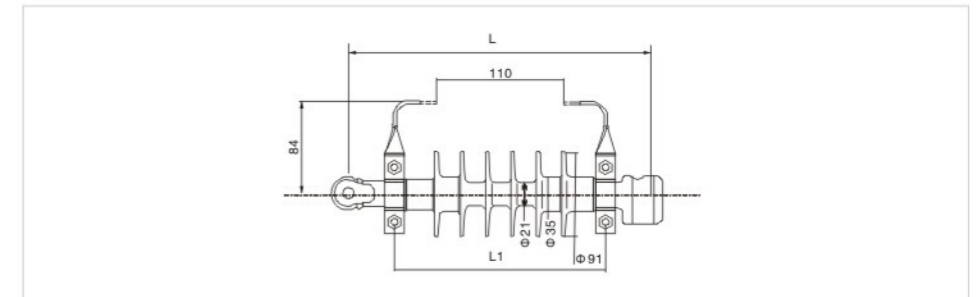
SJI60-15KV SJI54-24KV



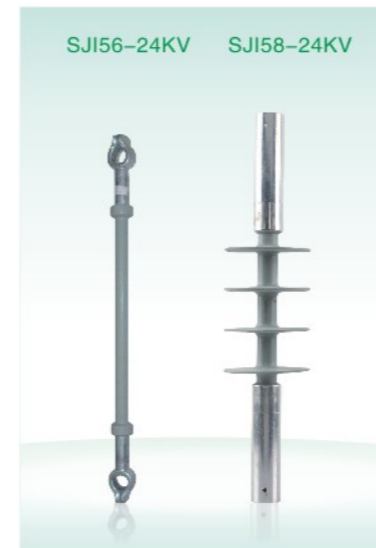
Model No	Bending Withstand Load(kN)	Minimum Normal Creepage Distance (mm)	Section Length (mm)	Min Arc Distance (mm)	Power Frequency Voltage (Wet) (kV)	Lightning Impulse Withstand Voltage (kV)
			L	L1		
SJI60-15kV	6	465	215	177	42	75
SJI54-24kV	6	795	305	245	65	125



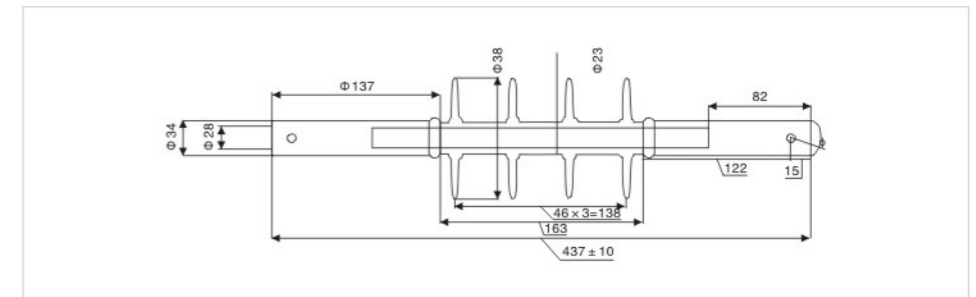
SJI53-24KV SJI59-36KV



Model No	Bending Withstand Load(kN)	Minimum Normal Creepage Distance (mm)	Section Length (mm)	Min Arc Distance (mm)	Power Frequency Voltage (Wet) (kV)	Lightning Impulse Withstand Voltage (kV)
			L	L1		
SJI53-24kV	70	540	310	216	65	125
SJI59-36kV	70	900	570	353	95	180



SJI56-24KV SJI58-24KV



Model NO.	Rod Dia (mm)	Nominal System Voltage (kV)	Creepage Distance (mm)	Dry Lightning Impulse Withstand Voltage (kV)	Wet Power Frequency Withstand Voltage (kV)	Torsion (kNm)	Tensile Strength (kN)	Impulse Flashover Voltage (kV)	Flashover Distance (mm)	Radio Interference At 1kHz
SJI 56-24kV	17	24	-	-	-	0.5	70	-	190	< 1 uV at 10kHz
SJI 58-24kV	17	24	420	90	70	0.5	4	145	190	