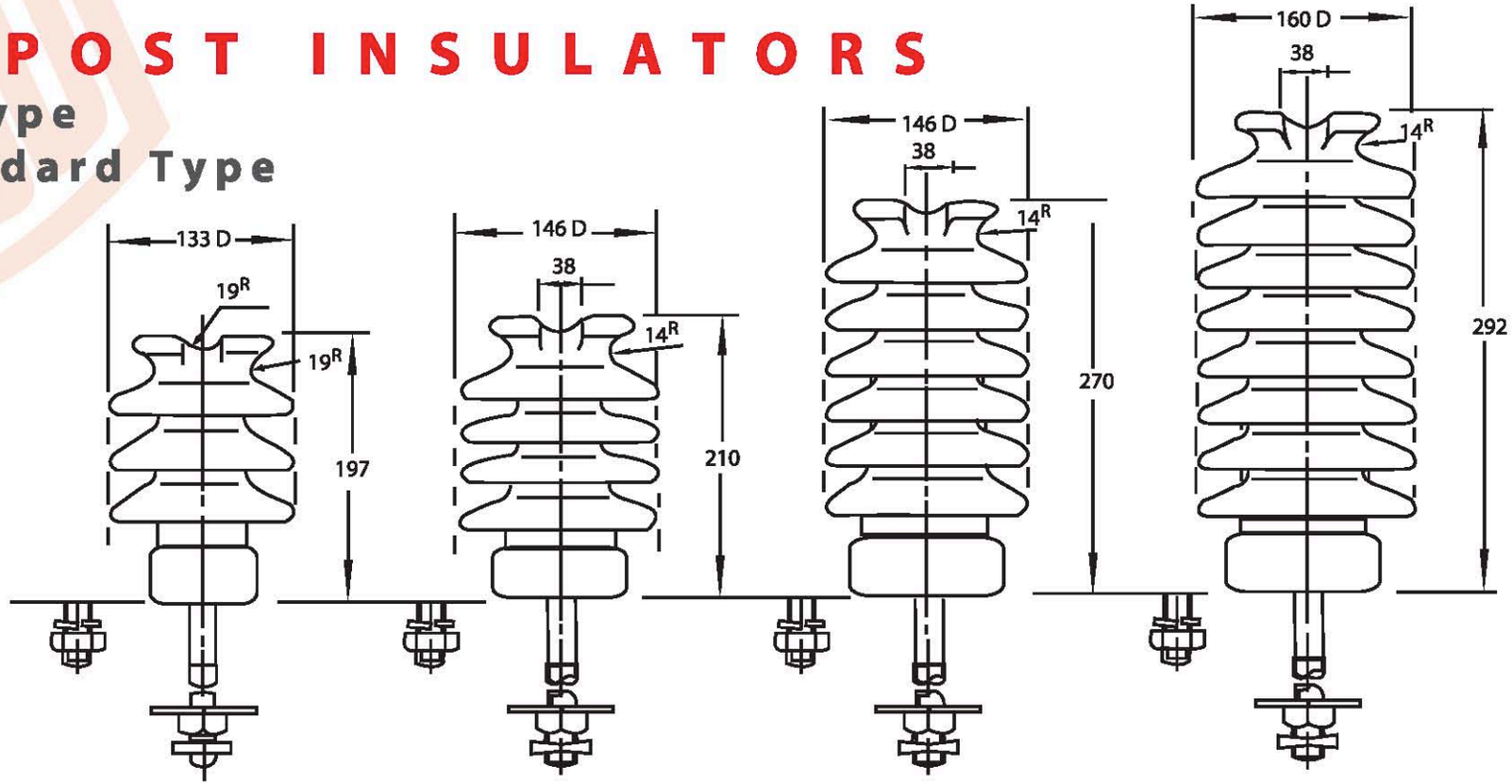
LINE POST INSULATORS

Tie Top Type
ANSI Standard Type



R 7 T 85/SI | R 12 T 110/SI | R 11 T 120/SI | R 12 T 150/SI

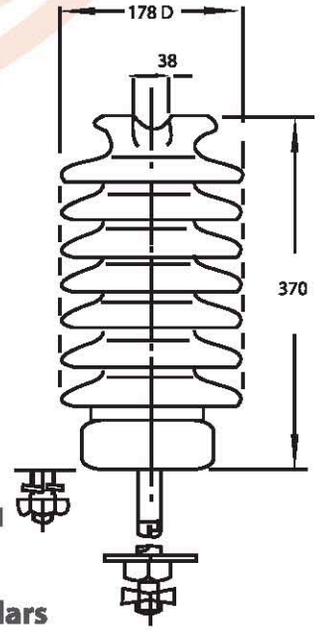
Standard Particulars

CAT. NO.			R 7T 85/SI	R 12 T 110/SI	R11 T 120/SI	R 12T 150/SI
ANSI CLASS			-	57-1L 57-1S		57-2L 57-2S
Leakage Distance		mm	280	356	440	559
Dry Arcing Distance		mm	146	165	210	241
Cantilever Strength		kN	7	12	11	12
Average Flashover Voltage	Low Frequency Dry	kV	80	80	100	110
	Low Frequency Wet	kV	55	60	70	85
	Critical Impulse Positive	kV	105	130	160	180
	Critical Impulse Negative	kV	130	155	190	205
Low Frequency Withstand Dry		kV	60	60	80	90
Low Frequency Withstand Wet		kV	40	45	50	65
Impulse Withstand		kV	85	110	120	150
Radio - Influence Voltage Data	Test Voltage to Ground	kV	15	15	22	22
	Maximum RIV AT 1000 KHz	μV	50	100	100	100
Weight Per Piece		kg	3.60	5.00	6.70	8.00

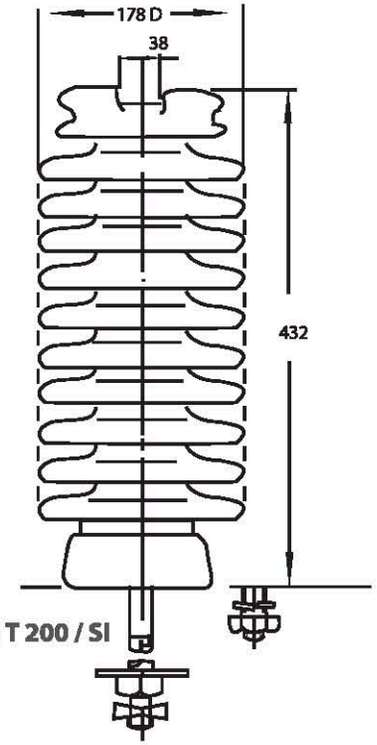
Standard Specifications: ANSI C29.7-1983
Insulators can be supplied in IEC and BS Standard

LINE POST INSULATORS

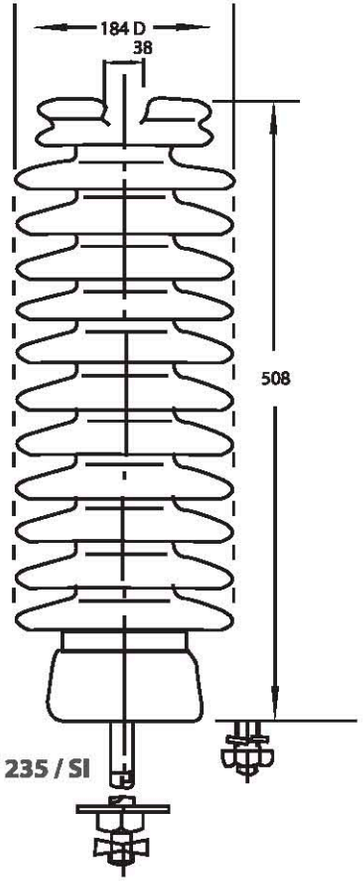
Tie Top Type
ANSI Standard Type



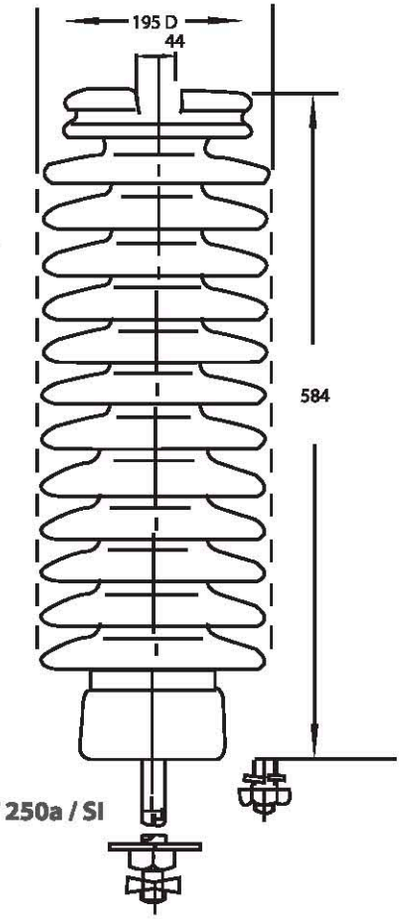
R 12 T 170 / SI



R 12 T 200 / SI



R 12 T 235 / SI



R 12 T 250a / SI

Standard Particulars

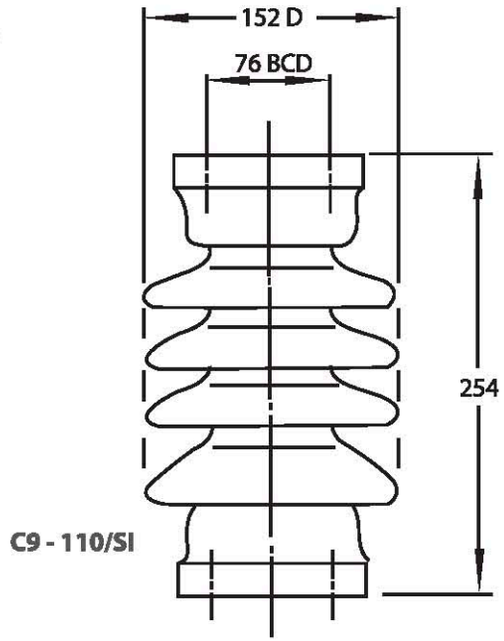
CAT. NO.			R 12T 170/SI	R 12 T 200/SI	R12 T 235/SI	R 12 T 250a/SI
ANSI CLASS			-	57-4L	57-5L	-
			-	57-4S	57-5S	-
Leakage Distance		mm	720	1015	1145	1345
Dry Arcing Distance		mm	311	368	438	489
Cantilever Strength		kN	12	12	12	12
Average Flashover Voltage	Low Frequency Dry	kV	125	150	175	200
	Low Frequency Wet	kV	100	125	150	170
	Critical Impulse Positive	kV	210	255	290	330
	Critical Impulse Negative	kV	260	340	380	425
Low Frequency Withstand Dry		kV	100	120	140	160
Low Frequency Withstand Wet		kV	80	100	120	135
Impulse Withstand		kV	170	200	235	250
Radio - Influence	Test Voltage to Ground	kV	30	44	44	44
Voltage Data	Maximum RIV AT 1000 KHz	μV	200	200	200	200
Weight Per Piece		kg	11.10	16.00	21.00	23.00

Standard Specifications: ANSI C29.7-1983
Insulators can be supplied in IEC and BS Standard

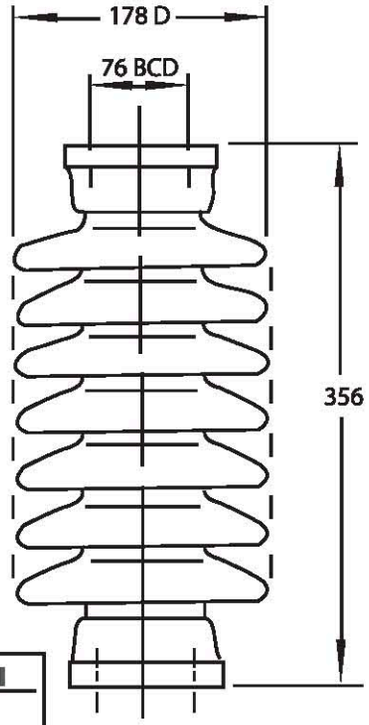
STATION POST INSULATORS

Outdoor Type

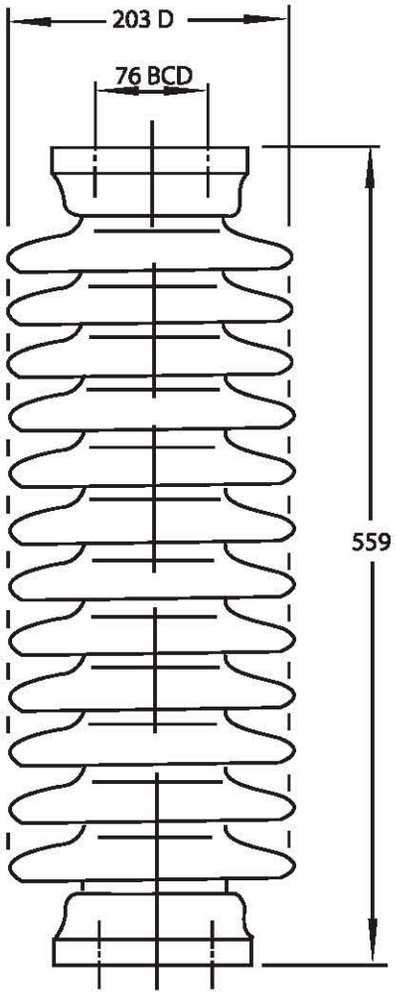
ANSI Standard Type



C9 - 110/SI



C9 - 150/SI



C9 - 250/SI

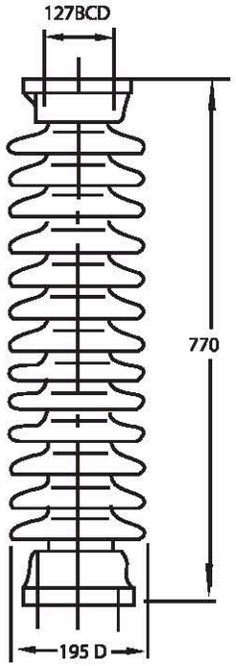
Standard Particulars

CAT. NO.			C 9 - 110/SI	C 9 - 150/SI	C 9 - 250/SI
Leakage Distance		mm	394	610	1092
Dry Arcing Distance		mm	184	267	432
Cantilever Strength		kN	9	9	9
Tensile Strength		kN	22	22	36
Torsional Stregth		N-m	792	905	1358
Cmpression Strength		kN	45	45	67
Tension Proof Test Load		kN	6	6	9
Average Flashover Voltage	Low Frequency Dry	kV	70	110	170
	Low Frequency Wet	kV	45	75	125
	Critical Impulse Positive	kV	115	170	280
	Critical Impulse Negative	kV	125	250	340
Low Frequency Withstand Dry		kV	50	70	120
Low Frequency Withstand Wet		kV	40	60	100
Impulse Withstand		kV	110	150	250
Radio - Influence Voltage Data	Test Voltage to Ground	kV	10	15	30
	Maximum RIV AT 1000 KHz	V	60	100	200
Weight Per Piece		kg	6.50	10.00	25.00

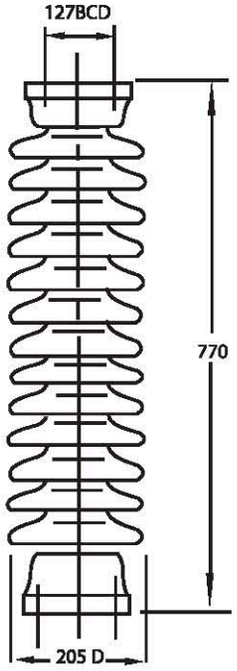
Standard Specifications: ANSI C29.9-1993

STATION POST INSULATORS

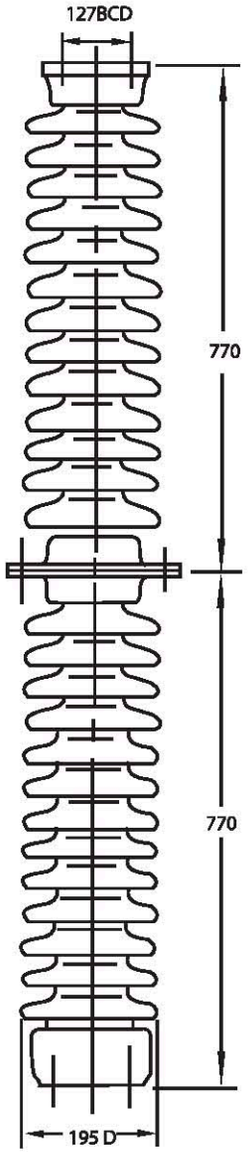
Outdoor Type



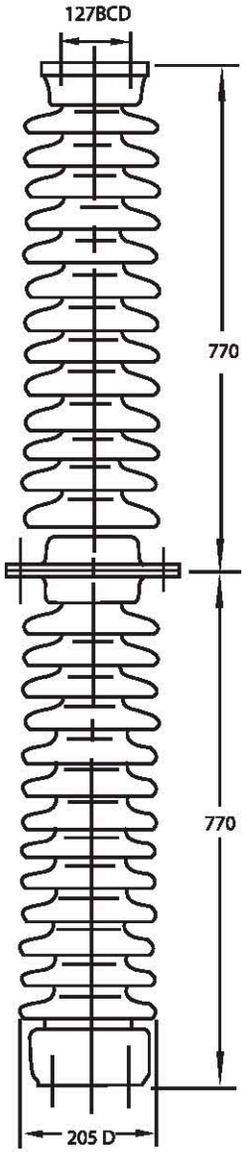
C4 - 350 - N



C4 - 350 - F



C4 - 750 - N



C4 - 750 - F

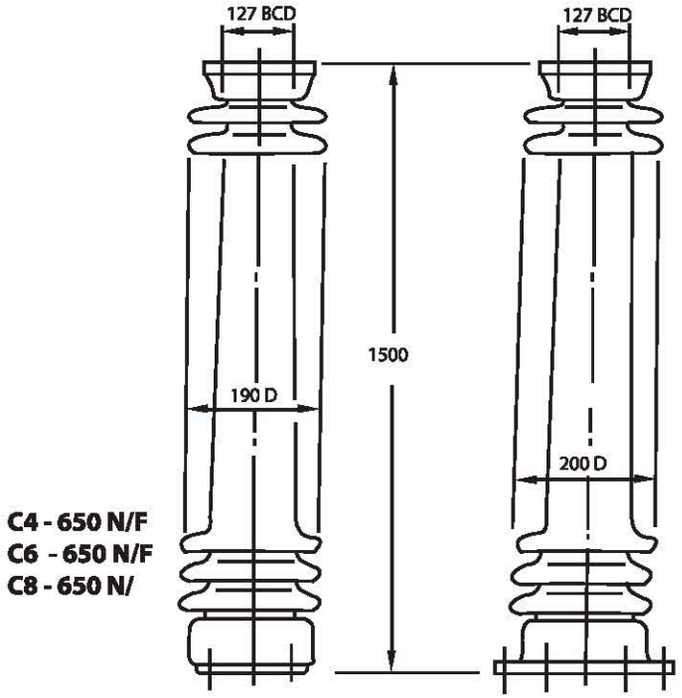
Standard Particulars

CAT. NO.		C4 - 350 - N	C4 - 350 - F	C4 - 750 - N	C4 - 750 - F
Leakage Distance	mm	1500	1800	2950	3800
Dry Arcing Distance	mm	660	660	1320	1390
Cantilever Strength	kN	4	4	4	4
Power Frequency One Minute Withstand Dry	kV	170	170	375	375
Power Frequency One Minute Withstand Wet	kV	140	140	275	275
Impulse Withstand	kV	350	350	750	750
Weight Per Piece	kg	34.40	39.00	73.00	77.50

Standard Specifications: ANSI C29.9-1983

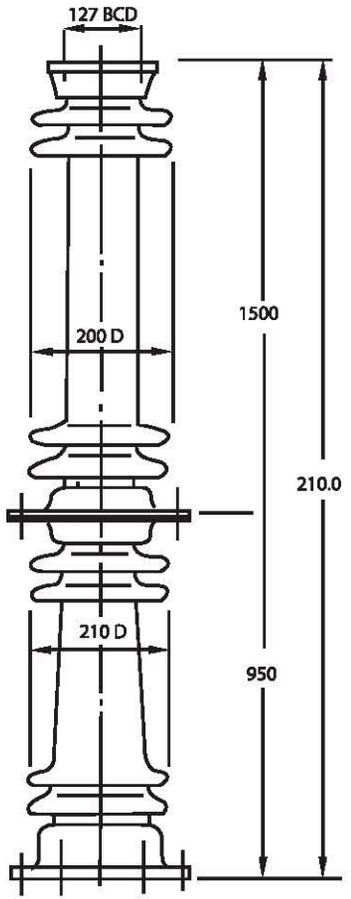
STATION POST INSULATORS

Outdoor Type

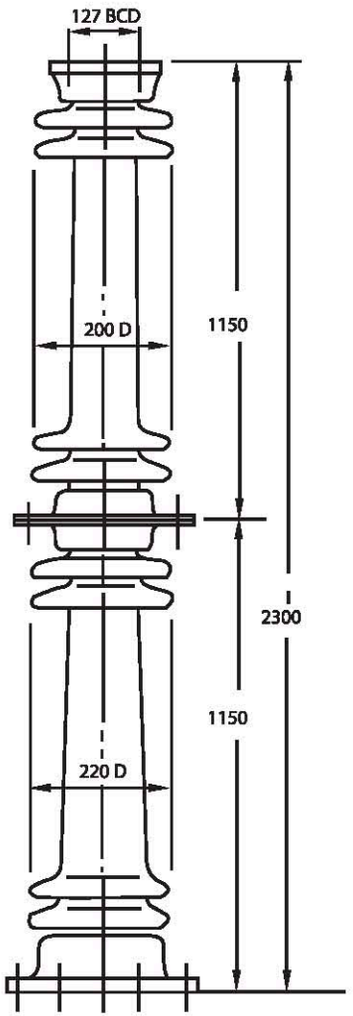


C4 - 650 N/F
C6 - 650 N/F
C8 - 650 N/

C10 - 650 N/F



C4 - 950 N/F
C6 - 950 N/F
C8 - 950 N/F
C10 - 950 N/F



C4 - 1050 N/F
C6 - 1050 N/F
C8 - 1050 N/F
C10 - 1050 N/F

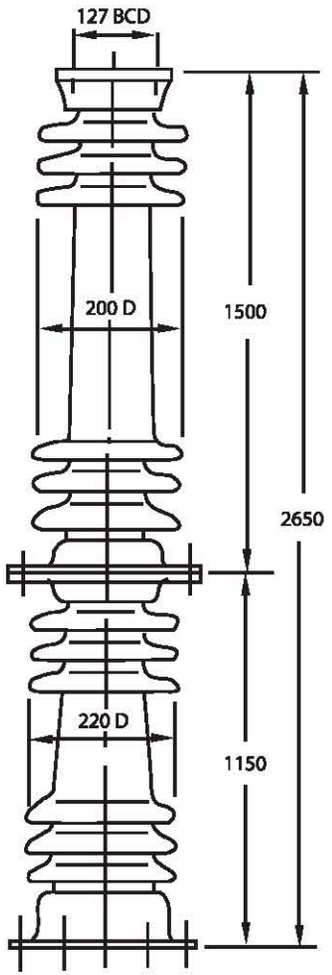
Standard Particulars

CAT. NO.		C 4 - 650 - N C 6 - 650 - N C 8 - 650 - N C 10 - 650 - N	C 4 - 650 - F C 6 - 650 - F C 8 - 650 - F C 10 - 650 - F	C 4 - 950 - N C 6 - 950 - N C 8 - 950 - N C 10 - 950 - N	C 4 - 950 - F C 6 - 950 - F C 8- 950 - F C 10 - 950 - F	C 4 - 1050 - N C 6 - 1050 -N C 8 - 1050 - N C 10 - 1050 - N	C 4 - 1050 - F C 6 - 1050 -F C 8 - 1050 - F C 10 - 1050 - F
Leakage Distance min:	mm	2300	3350	3400	4900	4000	5650
Power Frequency Withstand	kV	275		395		460	
Impulse Withstand	kV	650		950		1050	
Weight Per Piece	kg	60.00	76.00	86.00	96.00	107.00	117.00

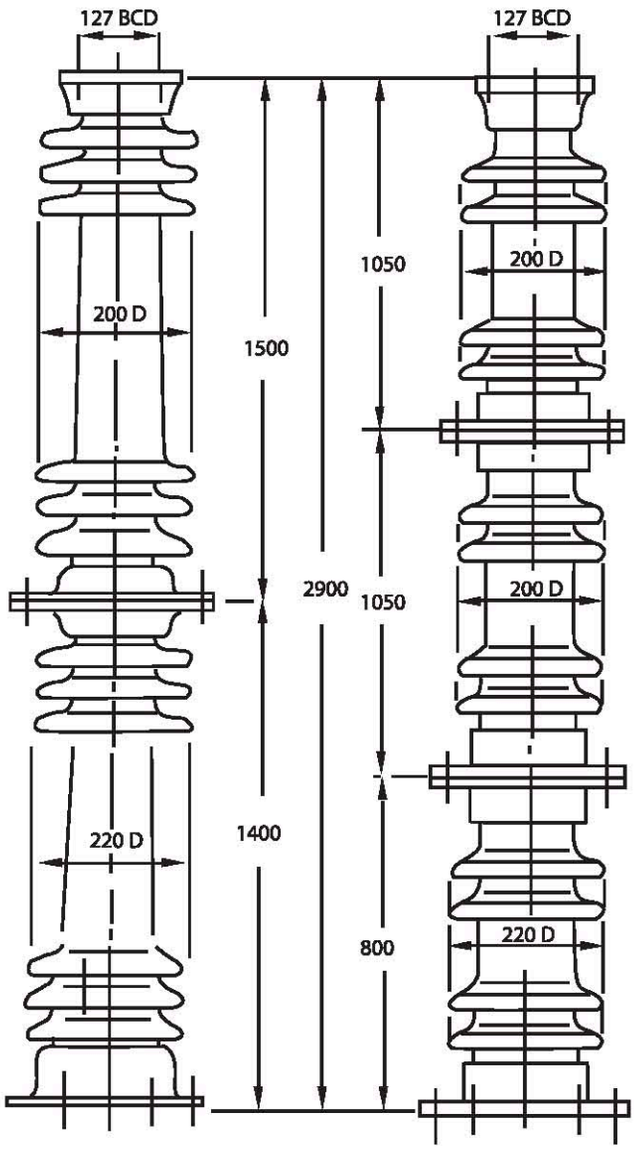
Testing Specifications: IEC Pub: 273 - 1990

STATION POST INSULATORS

Outdoor Type



C4 - 1175 N/F
C6 - 1175 N/F
C8 - 1175 N/F
C10 - 1175 N/F



C4 - 1300 N/F
C6 - 1300 N/F
C8 - 1300 N/F

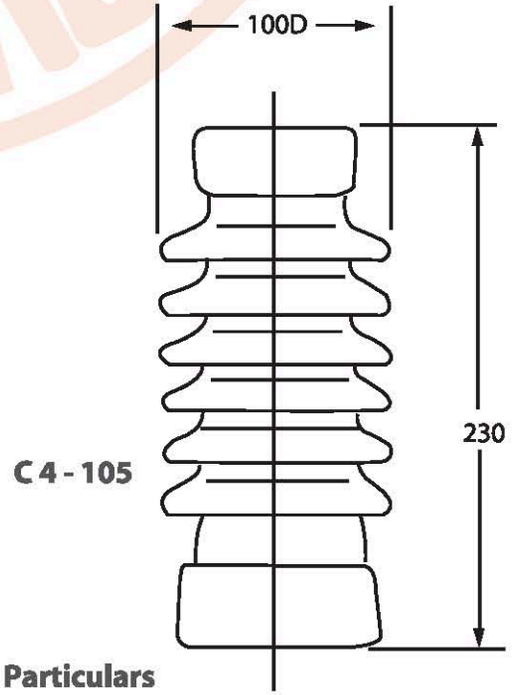
C10 - 1300 N/F

Standard Particulars

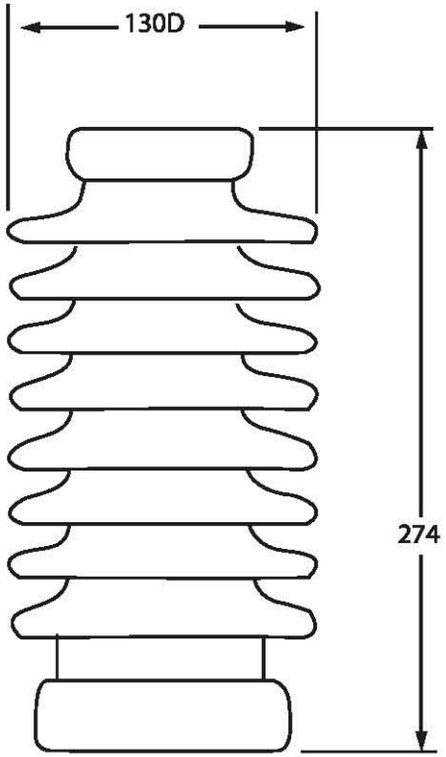
CAT. NO.		C4 - 1175 N C6 - 1175 N C8 - 1175 N C10 - 1175 N	C4 - 1175 F C6 - 1175 F C8 - 1175 F C10 - 1175 F	C4 - 1300 N C6 - 1300 N C8 - 1300 N C10 - 1300 N	C4 - 1300 F C6 - 1300- F C8- 1300 F C10 - 1300 F
Leakage Distance min:	mm	4600	6500	5100	7000
Power Frequency Withstand Wet	kV	510		570	
Impulse Withstand	kV	1175		1300	
Weight Per Piece	kg	125.00	132.00	143.00	152.00

Testing Specifications: IEC Pub: 273 - 1990

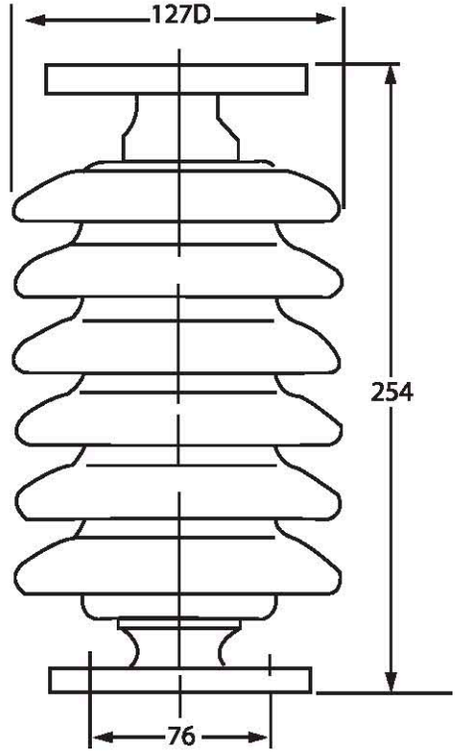
SUPPORT INSULATORS



C 4 - 105



C 3 - 130



C 6- 140

Standard Particulars

CAT. NO.		C 4 - 105	C 3 - 130	C 6 - 140
Voltage Rating	kV	11	20	11
Leakage Distance	mm	335	508	450
Dry Arcing Distance	mm	170	232	229
Cantilever Strength	kN	4	3	6
Tensile Strength	kN	10	8	11
Compression Strength	kN	53	53	53
Power Frequency Flashover Dry	kV	85	110	85
Power Frequency Flashover Wet	kV	55	70	55
Critical Impulse Flashover Positive	kV	115	155	170
Critical Impulse Flashover Negative	kV	140	175	195
Power Frequency Withstand Dry	kV	70	90	70
Power Frequency Withstand Wet	kV	45	60	50
Impulse Withstand	kV	105	130	140
Weight Per Piece	kg	3.50	5.40	4.75

Testing Specifications: IEC Pub: 273 - 1990