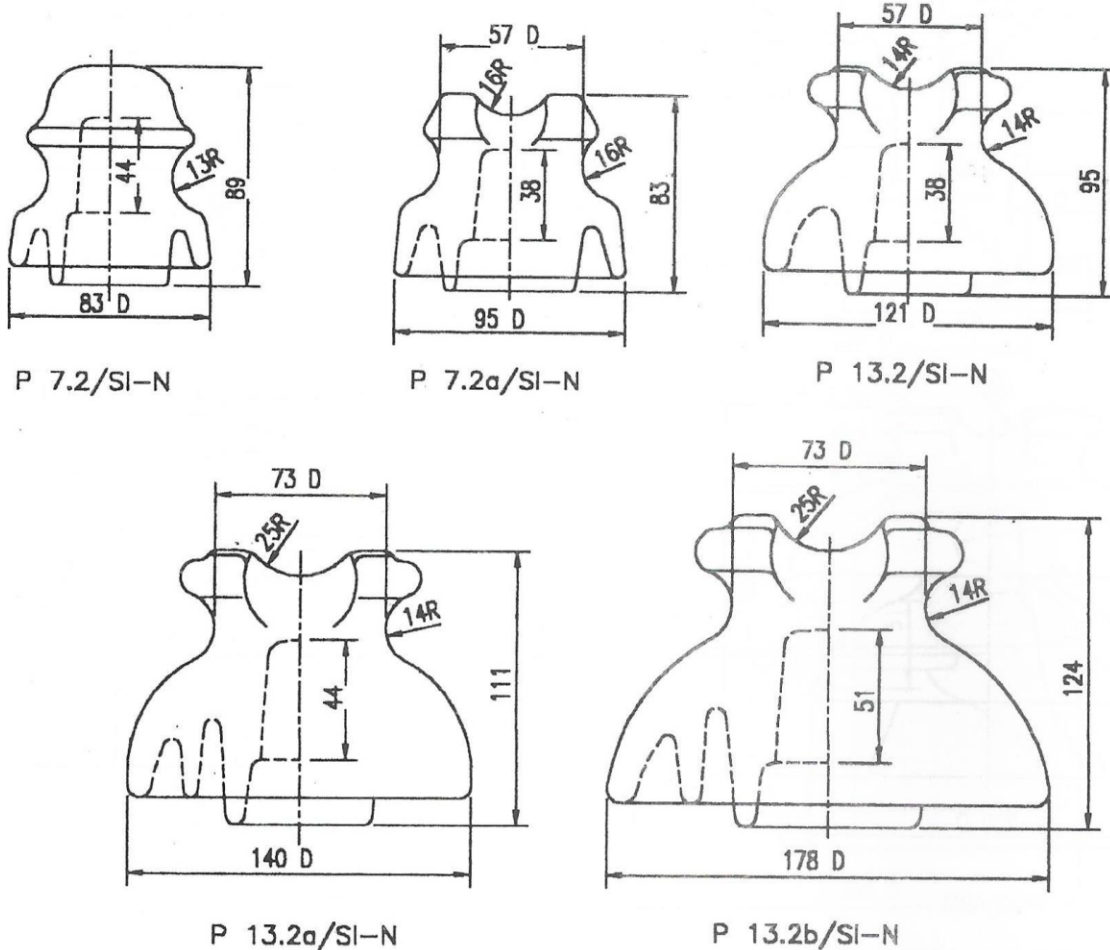


LOW AND MEDIUM - VOLTAGE PIN TYPE INSULATORS



ANSI Standard Type

These insulators have Porcelain threaded Pin hole of ANSI 1 inch diameter



STANDARD PARTICULARS

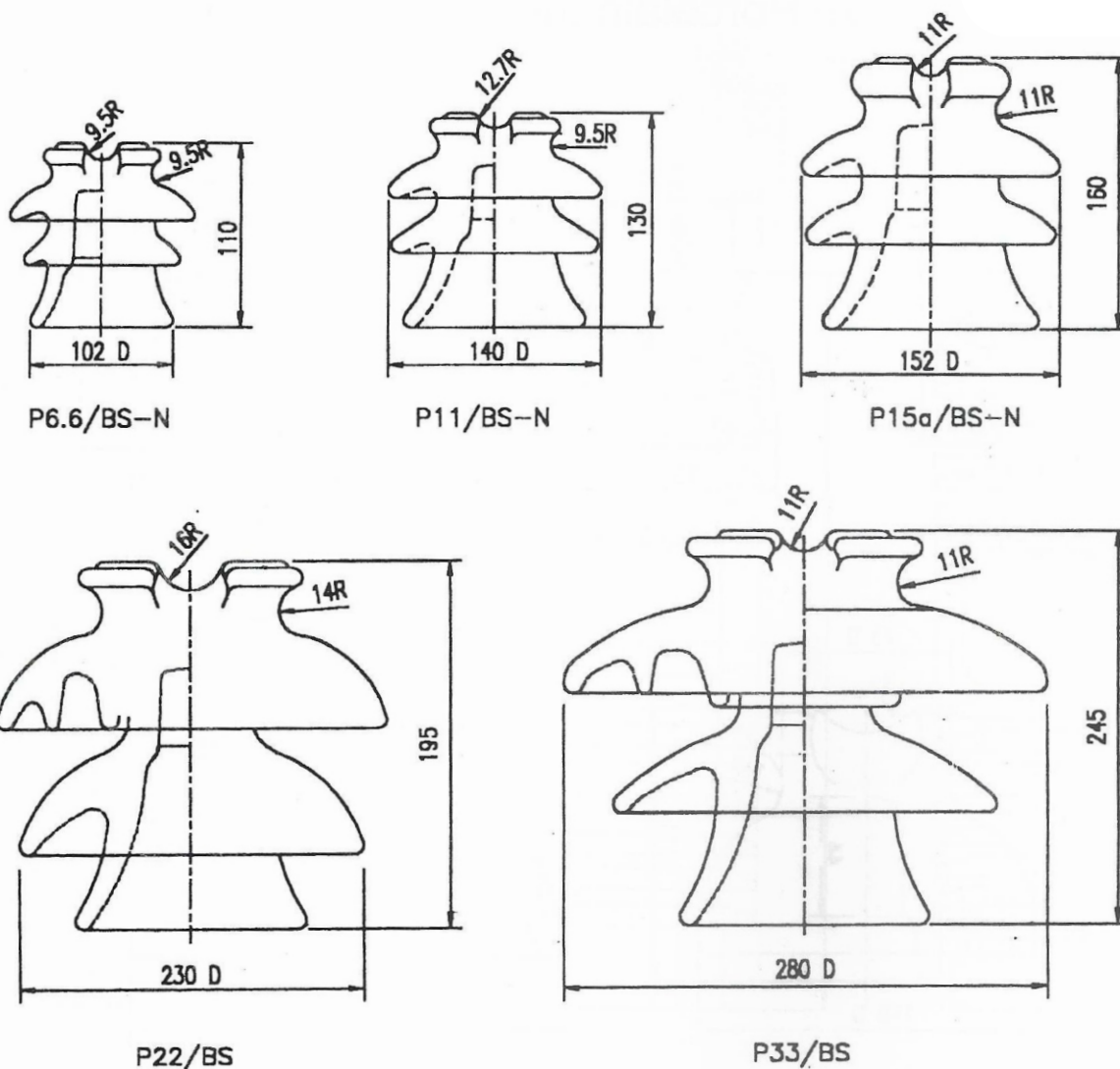
Catalogue. No.		P 7.2 / Si - N	P 7.2a / Si - N	P13.2 / Si - N	P13.2a / Si-N	P13.2b / Si-N
ANSI Class		55 - 1	55 - 2	55 - 3	55 - 4	55 / 5
Voltage Rating (U.S. Practice)		kV 7.2(or below)	7.2(or below)	13.2	13.2	13.2
Leakage Distance		mm 102	127	178	229	305
Dry Arcing Distance		mm 57	86	114	127	159
Minimum Pin Height		mm 102	102	127	127	152
Cantilever Strength		kN 13	11	11	13	13
Average Flashover Voltage	Low Frequency Dry	kV 35	45	55	65	80
	Low Frequency Wet	kV 20	25	30	35	45
	Critical Impulse Positive	kV 50	70	90	105	130
	Critical Impulse Negative	kV 70	85	110	130	150
Low Frequency Puncture Voltage		kV 50	70	90	95	115
Radio Influence Voltage Data	Test Voltage to Ground	kV 5	5	10	10	15
	Maxim RIV at 1000KHz	µV 50	50	50	50	100
Weight Per Piece		kg 0.55	0.58	1.0	1.70	3.00

Standard Specification: ANSI C 29.5 - 1988

PIN TYPE INSULATORS

B.S. Standard Type

With cemented Zinc thimbles
according to B.S. Pin hole threaded



STANDARD PARTICULARS

Catalogue. No.		P 6.6 / BS - N	P 11 / BS - N	P15a / BS - N	P 22 / BS	P 33 / BS
Voltage Rating	kV	6.6	11	15	22	33
Total Creepage Distance	mm	178	254	330	570	698
Protected Creepage Distance	mm	76	102	150	311	381
Recommended Pin Height	mm	127	152	216	216	280
Cantilever Strength	kN	11	11	11	13	11
Power Frequency Flashover Dry	kV	60	75	95	115	130
Power Frequency Flashover Wet	kV	35	50	60	75	95
50 % Impulse Flashover Positive	kV	95	115	120	180	215
50 % Impulse Flashover Negative	kV	120	150	150	240	290
Power Frequency Withstand Dry	kV	50	65	70	100	115
Power Frequency Withstand Wet	kV	30	45	50	70	90
Impulse Withstand	kV	75	95	95	150	200
Power Frequency Puncture Voltage	kV	95	150	130	200	210
Radio Influence	Test Voltage to Ground	kV	10	15	22	30
Voltage Data	Maxim RIV at 1000KHz	μV	50	100	100	200
Dimension Of Pin Head		Small Steel	Head	Large Steel	Head	
Weight Per Piece	kg	0.85	1.65	2.50	5.60	10.00

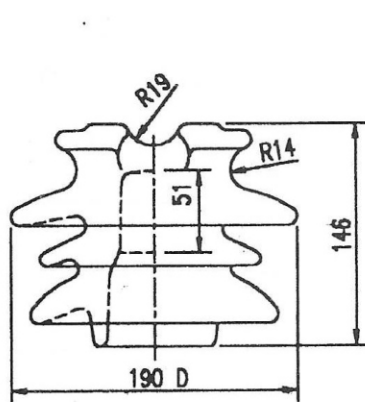
Testing Specification: B.S. 137 Part 1 - 1982

HIGH VOLTAGE PIN TYPE INSULATORS

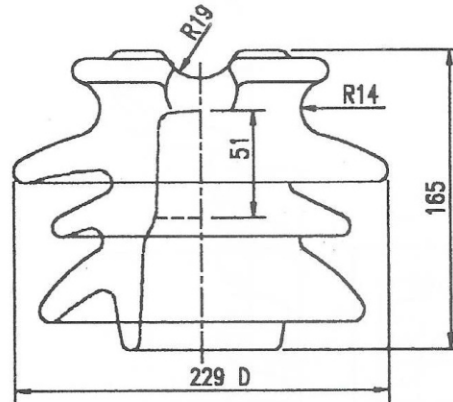


ANSI Standard Type

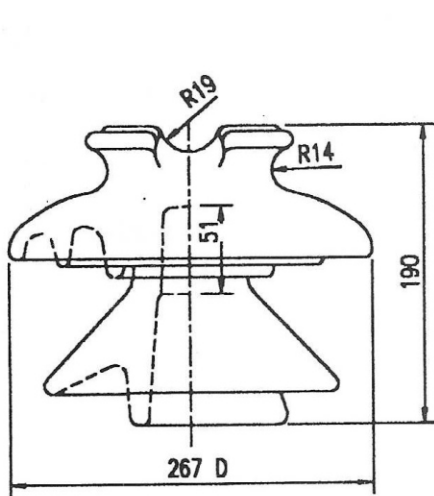
These insulators have 1 -3/8 inch diameter threaded.
Zinc thimbles which are cemented into pin hole cavity



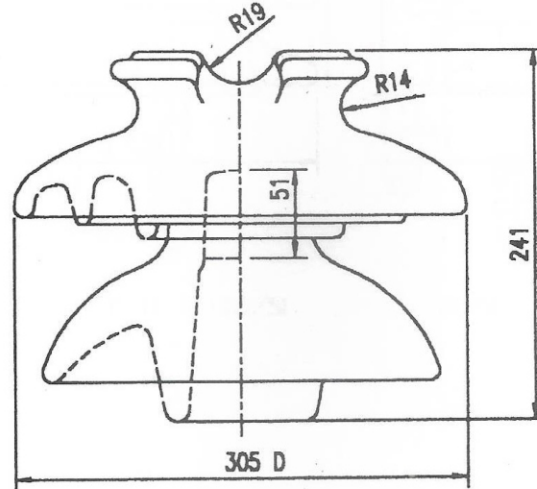
P 23/SI



P 23a/SI



P 34.5/SI



P 46/SI

STANDARD PARTICULARS

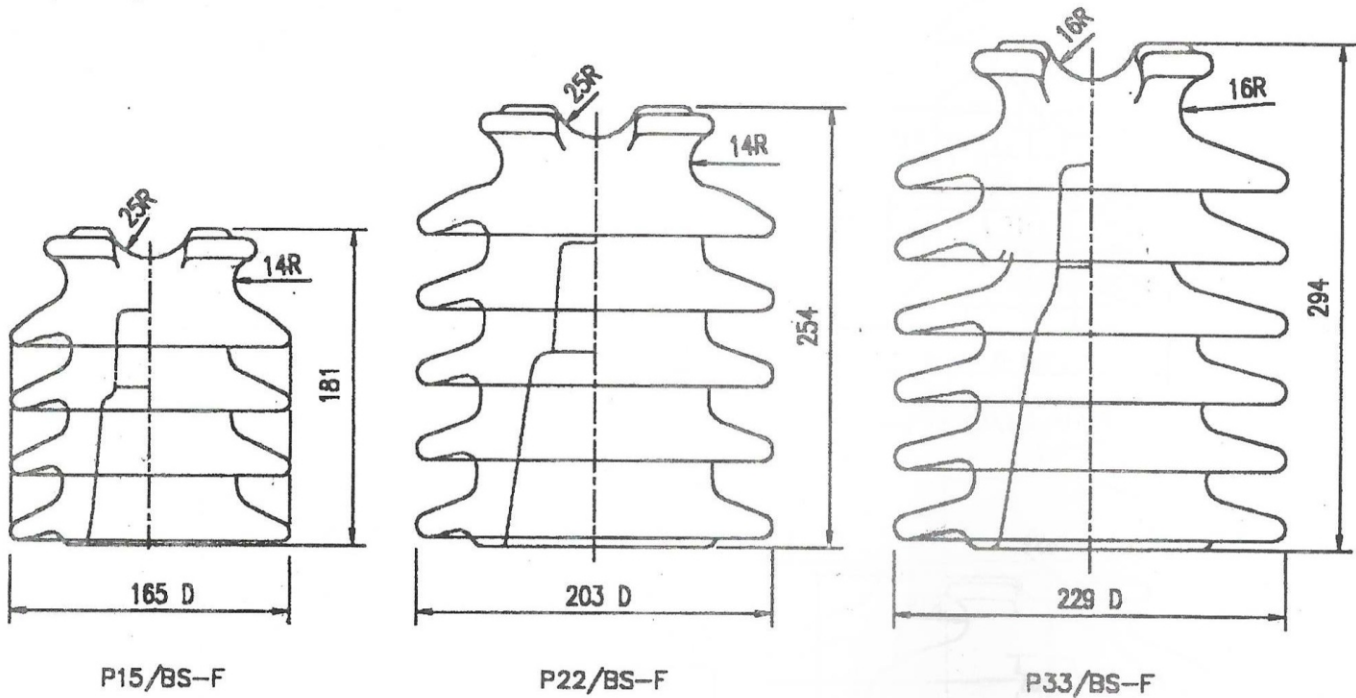
Catalogue. No.			P 23 / SI	P 23a / SI	P34.5 / SI	P 46 / SI
ANSI Class			56 - 1	56 - 2	56 - 3	56 - 4
Voltage Rating (U.S. Practice)		kV	23	23	34.5	46
Leakage Distance		mm	330	432	533	696
Dry Arcing Distance		mm	178	210	241	286
Minimum Pin Height		mm	152	178	203	254
Cantilever Strength		kN	11	13	13	13
Average Flashover Voltage	Low Frequency Dry	kV	95	110	125	140
	Low Frequency Wet	kV	60	70	80	95
	Critical Impulse Positive	kV	150	175	200	225
	Critical Impulse Negative	kV	190	225	265	310
Low Frequency Puncture Voltage		kV	130	145	165	185
Radio Influence Voltage Data	Test Voltage to Ground	kV	15	22	30	30
	Maxim RIV at 1000KHz	µV	100	100	200	200
Weight Per Piece		kg	3.60	5.90	8.20	10.90

Standard Specification: ANSI C 29.6 - 1984

PIN TYPE INSULATORS

Fog Type B.S. Standard

With cemented Zinc thimbles according to B.S. Pin hole threed



STANDARD PARTICULARS

Catalogue. No.		P 15 / BS - F	P 22 / BS - F	P 33 / BS - F
Voltage Rating	kV	15	22	33
Total Creepage Distance	mm	440	673	851
Protected Creepage Distance	mm	197	267	419
Recommended Pin Height	mm	216	280	330
Cantilever Strength	kN	11	11	11
Power Frequency Flashover Dry	kV	100	125	140
Power Frequency Flashover Wet	kV	65	95	110
50 % Impulse Flashover Positive	kV	150	190	210
Power Frequency Withstand Dry	kV	90	110	125
Power Frequency Withstand Wet	kV	60	90	100
Impulse Withstand	kV	140	180	200
Power Frequency Puncture Voltage	kV	150	200	210
Radio Influence	Test Voltage to Ground	kV	30	44
Voltage Data	Maxim RIV at 1000KHz	μV	200	200
Dimension Of Pin Head		Large	Steel	Head
Weight Per Piece	kg	4.50	8.70	12.50

Testing Specification: B.S. 137 Part 1 - 1982