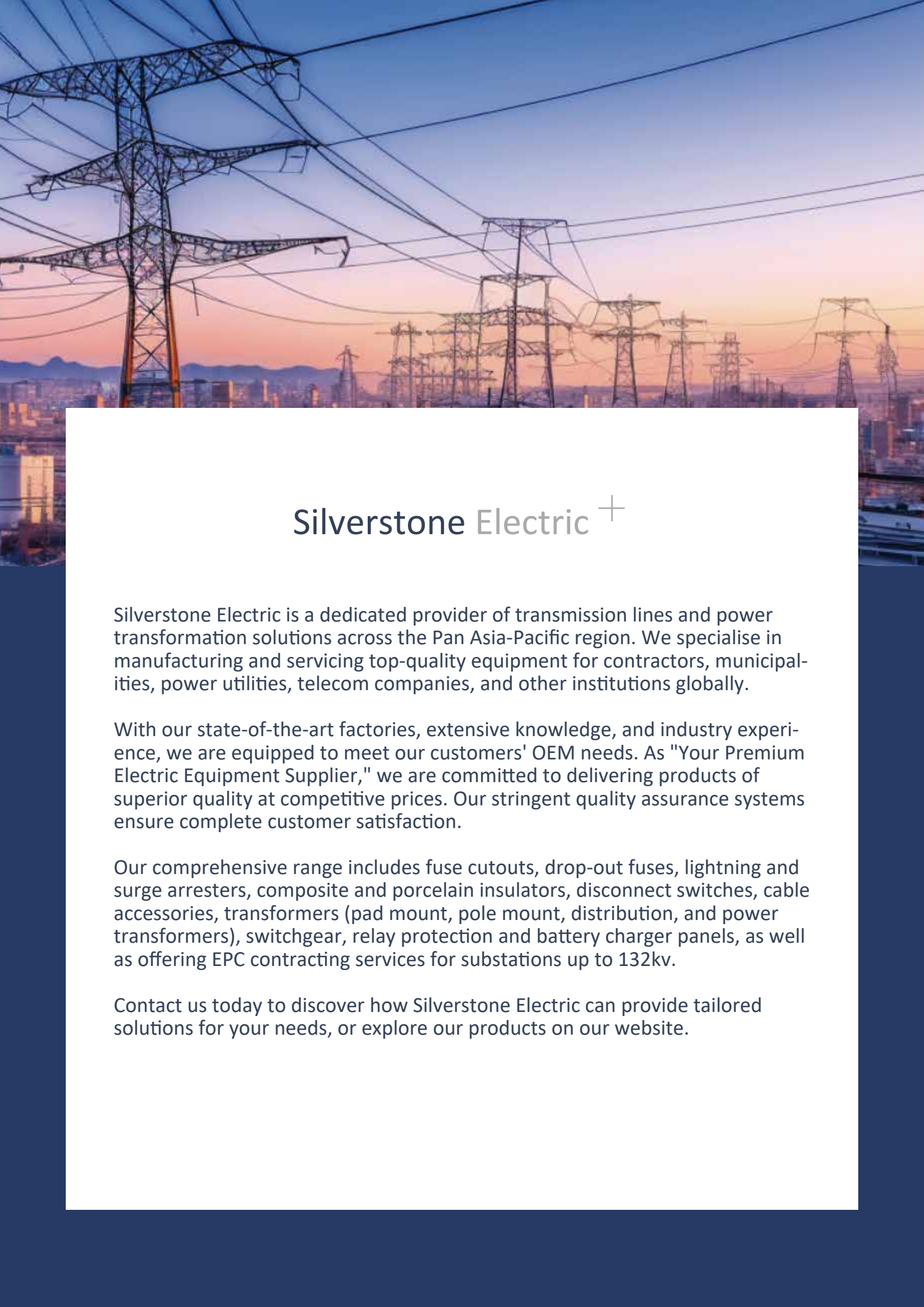


COMPOSITE INSULATOR





Silverstone Electric +

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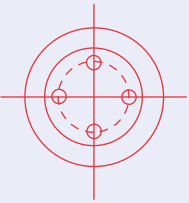
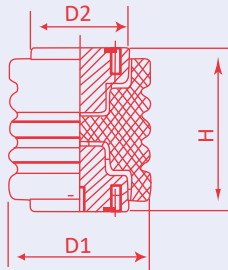
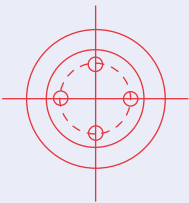


FIG.1

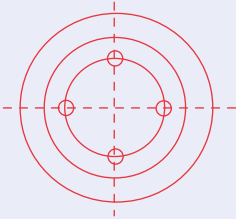
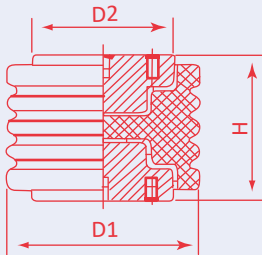
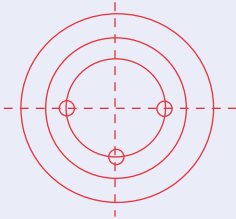


FIG.2

Indoor Apparatus Insulators (Cont...)

STANDARD PARTICULARS :

TYPE	VOLT. LEVEL KV	FIG. NO.	WITHSTAND VOLTAGE KV			CANTILEVER STRENGTH KN	TORSIONAL STRENGTH N-M	TENSILE STRENGTH KN	COMPRESSION STRENGTH KN	MAIN DIMENSIONS MM		
			IMPULSE	1MIN LOW FREQUENCY (DRY)	LOW FREQUENCY DEW (10S)					H	D1	D2
A-20-1	4.8	1	60	19	15	4.4	282.4	8.9	89	88.9	114.3	76.2
A-20-2	7.2	1	75	26	24	6.7	395.4	13.3	89	114.3	114.3	76.2
A-20-3	13.2	1	95	36	26	5.6	395.4	13.3	89	152.4	114.3	76.2
A-20-4	14.4	1	110	500	30	4.4	395.4	13.3	89	190.5	114.3	76.2
A-30-1	4.8	2	60	19	15	8.9	508.4	15.6	133.4	88.9	152.4	108
A-30-2	7.2	2	75	26	24	13.3	677.9	22.2	133.4	114.3	152.4	108
A-30-3	13.2	2	95	36	26	11.2	677.9	22.2	133.4	152.4	152.4	108
A-30-4	14.4	2	110	50	30	8.9	677.9	22.2	133.4	190.5	152.4	108
A-30-5	23.0	2	125/550	60	40	6.7	677.9	22.2	133.4	266.7	152.4	108
A-30-6	34.5	2	150/200	80	---	5.6	677.9	22.2	133.4	381	152.4	708
Applicable Standard:						ANSI						
Colour:						Brown, Light Gray or to Drawings						

Transformer Bushing

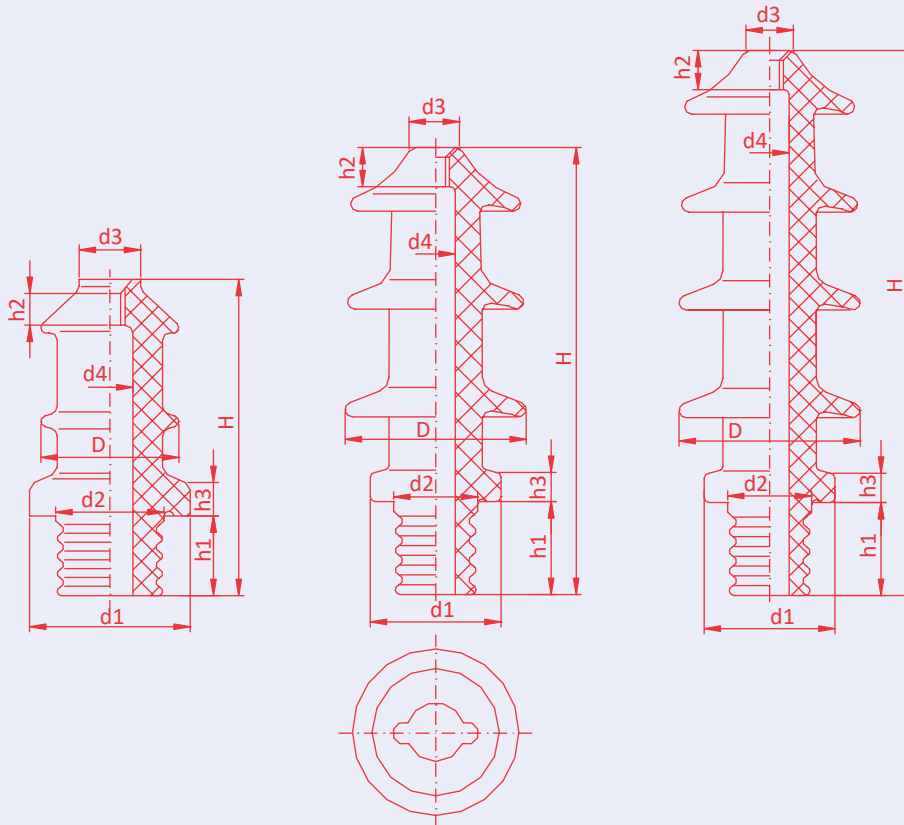


FIG.1

FIG.2

FIG.3

STANDARD PARTICULARS :

TYPE	STANDARD	FIG. NO.	MAIN DIMENSIONS (MM)									WEIGHT (kg)
			H	h1	h2	h3	D	d1	d2	d3	d4	
10Nf630	DIN42532	1	295	65	35	25	150	128	88	50	39	4.2
10Nf1000	DIN42533	1	325	90	40	30	170	163	108	80	58	6.4
10Nf3150	DIN42533	1	325	90	40	30	190	183	131	100	74	8.7
20Ni250	DIN42531	2	295	65	35	25	100	111	74	42	33	3.2
20Nf250	DIN42531	2	385	80	35	25	155	111	74	42	33	5.1
20Ni630	DIN42532	1	295	65	35	35	150	128	88	50	39	4.2
20Nf630	DIN42532	2	385	80	35	25	165	128	88	50	39	6.5
20Nf1000	DIN42533	2	410	100	40	30	185	163	108	80	58	9.3
20Nf3150	DIN42533	2	410	100	40	30	210	183	131	100	74	11.8
30Ni250	DIN42531	3	385	80	35	25	155	111	74	42	33	5.1
30Nf250	DIN42531	3	485	80	35	25	155	111	74	42	33	6.6
30Ni630	DIN42532	2	385	80	35	25	165	128	88	50	39	6.5
30Nf630	DIN42532	3	510	100	35	25	185	128	88	50	39	9.8
30Nf1000	DIN42533	3	540	125	40	30	200	163	108	80	58	12.8
30Nf3150	DIN42533	3	540	125	40	30	230	183	131	100	74	16.0

Transformer Bushing (Cont...)

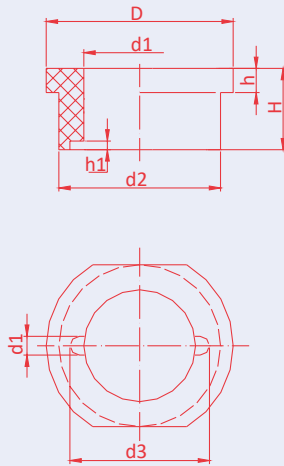


FIG.1

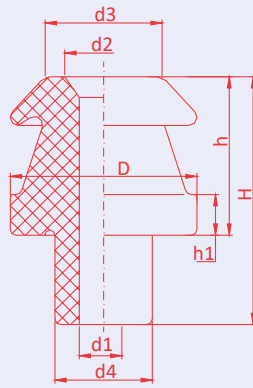


FIG.2

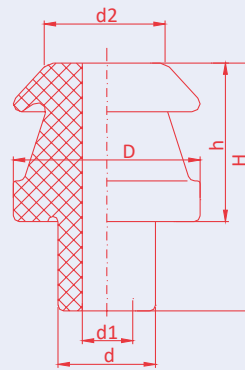


FIG.3

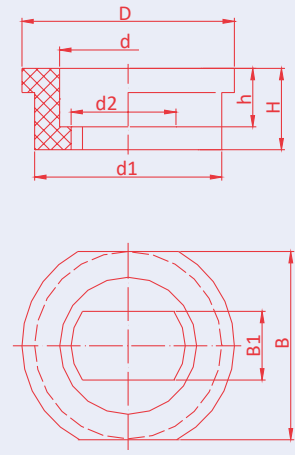


FIG.4

STANDARD PARTICULARS :

USUAL VOLTAGE (KV)	NOMINAL CURRENT (A)	FIG. NO.	MAIN DIMENSIONS (MM)											WEIGHT (KG)
			H	h1	h2	D	d	d1	d2	d3	d4	B	B1	
1	300	1	30	12	6	65	-	30	55	46	10	-	-	0.12
		2	80	45	12	50	-	14	25	35	25	-	-	0.16
1	400-600	1	30	12	6	90	-	50	80	65	10	-	-	0.22
		2	80	55	12	75	-	22	35	46	43	-	-	0.45
1	800	1	35	12	6	110	-	60	100	82	12	-	-	0.42
		2	95	55	12	90	-	26	40	50	53	-	-	0.7
1	1000-2000	1	35	12	6	110	-	60	100	82	12	-	-	0.42
		2	95	55	12	90	-	35	50	60	53	-	-	0.6
1	2000-3000	1	35	15	6	150	-	85	135	108	12	-	-	0.72
		2	100	55	15	125	-	50	72	85	78	-	-	1.3
1	275	3	70	45	-	50	27	14	32	-	-	-	-	0.15
		4	30	20	-	60	32	50	26	-	-	50	21	0.1
1	600	3	85	55	-	74	46	26	52	-	-	-	-	0.4
		4	35	25	-	90	52	74	45	-	-	74	35	0.24
1	1250	3	90	55	-	92	56	35	68	-	-	-	-	0.65
		4	40	30	-	115	62	92	50	-	-	92	44	0.45
1	2000	3	85	55	-	104	66	44	80	-	-	-	-	0.7
		4	35	25	-	125	70	98	64	-	-	104	50	0.62
1	3000	3	85	55	-	125	86	50	100	-	-	-	-	0.95
		4	35	25	-	150	90	119	80	-	-	125	60	0.8

Disconnect Bushings

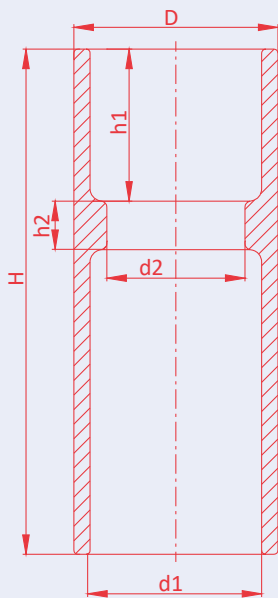


FIG.1

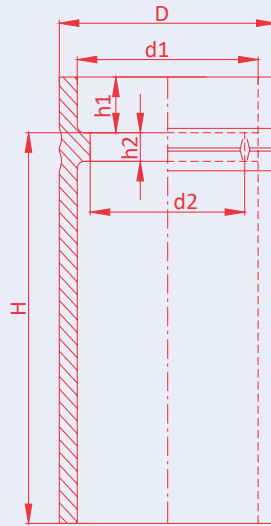


FIG.2

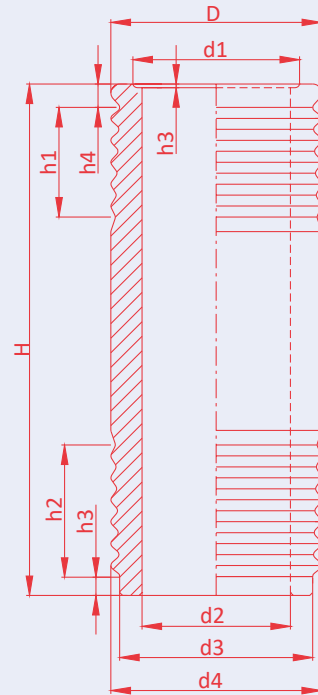


FIG.3

STANDARD PARTICULARS :

CAT. No.	FIG. NO.	DIMENSIONS (MM)										
		H	h1	h2	h3	h4	h5	D	d1	d2	d3	d4
SSE6510007	1	246	51	38	-	-	-	178	127	60	-	-
SSE19005-49	1	313	36	19	-	-	-	152	127	95	-	-
SSE6510006	2	317	40	20	-	-	-	154	128	92	-	-
SSE6510010	1	348	68	10	-	-	-	128	102	70	-	-
SSE6510009	1	395	119	38	-	-	-	160	134	108	-	-
SSE6510008	1	400	121	38	-	-	-	127	102	70	-	-
SSE6510001	3	556	119	143	4	25	20	229	181	161	210	229

Bushings for FICC-OIL SW

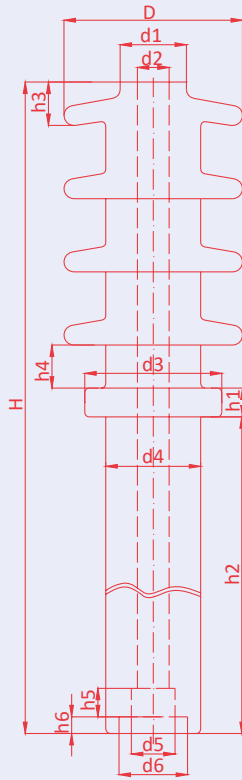


FIG.1

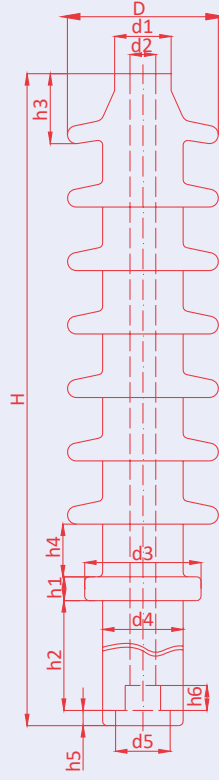


FIG.2

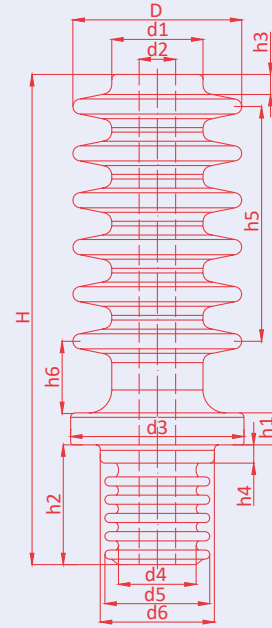


FIG.3

STANDARD PARTICULARS :

CAT. NO.	SSE192B1146 -1	SSE192B1146 -2	SSE192B1152	SSE223B1253	SSEPINC7707 -012FE00	SSEPINC7707 -012FF00
Fig. No.	1	1	2	2	3	3
Nominal voltage (KV)	15	15	15	15	15	27
Dimensions (mm)	H	295	295	398	398	283
	h1	13	13	13	13	19
	h2	140	140	132	132	75
	h3	19	19	35	41	9
	h4	27	27	27	27	11
	h5	13	13	8	11	127
	h6	8	-	-	-	-
	D	76	102	76	78	95
	d1	28	28	28	28	44
	d2	13	13	16	13	21
	d3	59	59	60	60	98
	d4	41	41	41	41	44
	d5	16	16	-	13	59
	d6	27	27	27	27	64
Creepage distance (mm)	251	352	432	432	356	356
Strike distance (mm)	151	151	-	-	157	157

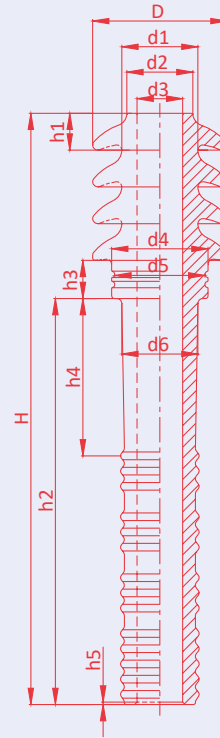


FIG.3

CAT. NO.		SSE6510035	SSE6510040	SSE6510041	SSE6510037	SSE6510038	SSE6510039
Fig. No.		1	1	2	3	3	3
Nominal voltage (KV)		25	34.5	25	25	25	34.5
Dimensions (mm)	H	741	868	686	740	786	878
	h1	32	38	25	46	46	46
	h2	436	564	49	598	508	508
	h3	75	68	22	48	48	48
	h4	24	24	27	197	197	-
	h5	3	6	365	3	3	3
	h6	51	51	54	-	-	-
	D	130	146	98	168	168	168
	d1	82	98	65	95	95	95
	d2	60	60	38	82	82	82
	d3	38	38	121	57	57	57
	d4	130	140	75	121	121	121
	d5	108	124	116	113	113	113
	d6	82	98	102	95	95	95
	d7	73	73	76	-	-	-
	d8	-	-	68	-	-	-
Creepage distance (mm)		952	1261	781	365	546	660
Strike distance (mm)		444	594	362	203	464	336

Breaking & Extrance Bushings

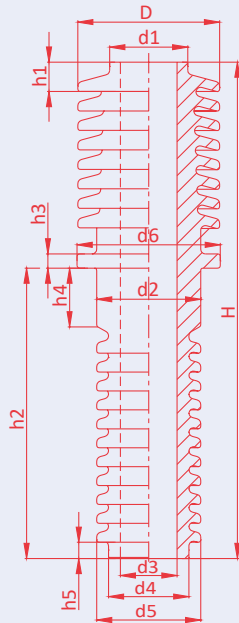


FIG.1

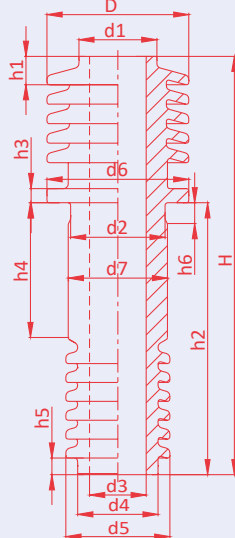


FIG.2

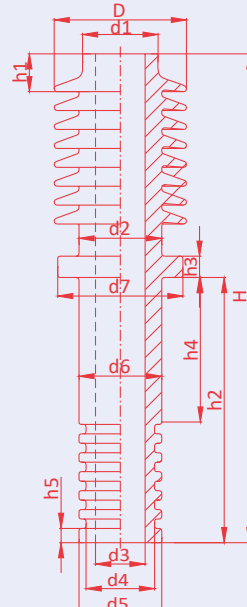


FIG.3

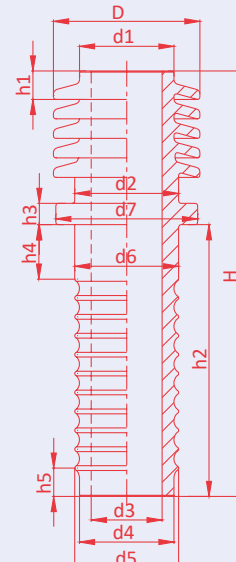
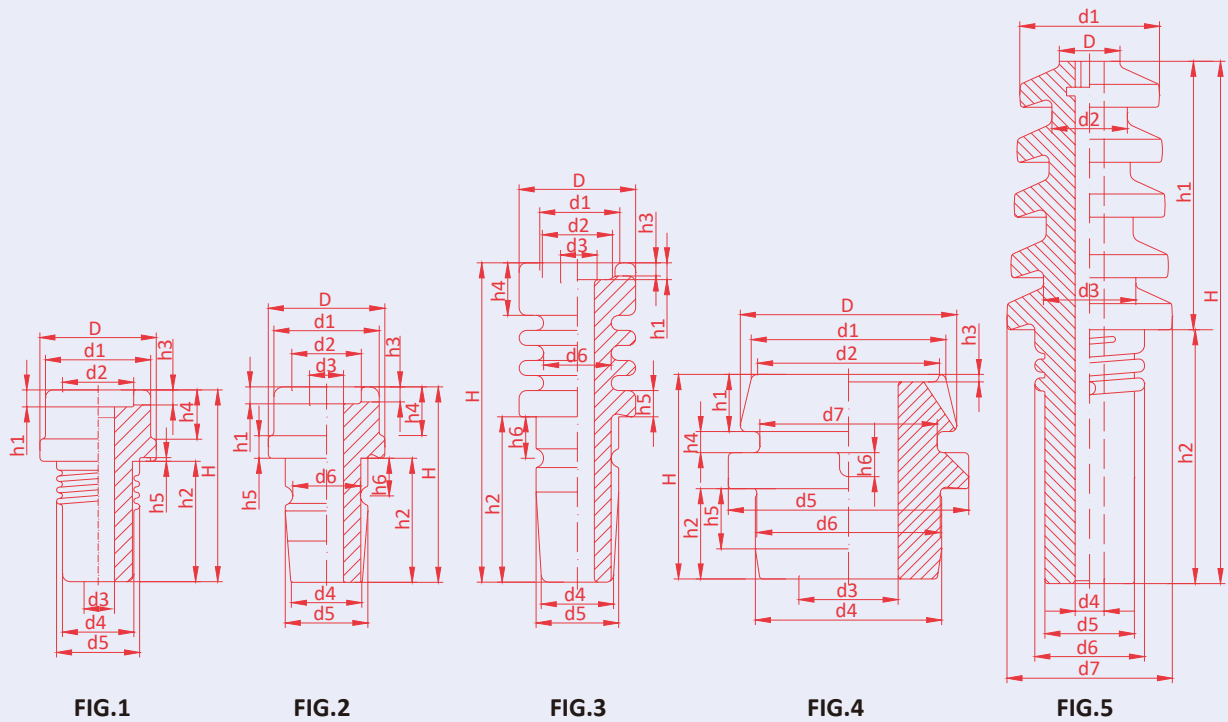


FIG.4

STANDARD PARTICULARS :

CAT. NO.		SSE651 004 4	SSE651 002 8	SSE651 002 5	SSE651 004 5	SSE651 001 9	SSE651 004 6	SSE651 001 7	SSE651 004 8	SSE651 001 3	SSE651 002 4	SSE651 002 3	SSE651 001 5	SSE651 004 7
Fig. No.		1	1	1	1	2	2	2	2	3	3	3	3	4
Nominal voltage (KV)		15	25	25	27	15	15	27	27	25	38	38	38	15
Dimensions (mm)	H	562	667	673	720	568	737	800	821	656	927	933	1010	578
	h1	36	38	38	41	38	38	38	38	51	38	38	48	38
	h2	360	390	390	362	368	367	389	451	356	518	521	591	368
	h3	21	19	19	21	19	25	25	25	29	32	32	32	28
	h4	181	76	76	179	181	181	76	179	194	102	102	107	73
	h5	17	17	17	17	17	17	24	106	19	45	40	40	41
	D	127	190	190	152	190	190	190	190	165	203	203	203	197
	d1	58	105	95	58	95	105	95	105	102	105	95	102	127
	d2	102	140	140	98	127	127	127	127	111	133	133	140	140
	d3	44	76	76	44	76	76	76	76	67	76	76	76	95
	d4	75	108	108	76	108	108	108	108	92	108	108	108	127
	d5	102	140	140	102	140	140	140	140	111	140	140	140	140
	d6	127	192	192	127	192	190	192	190	111	140	140	140	140
	d7	-	-	-	-	133	133	133	133	168	192	192	190	192
Creepage distance (mm)		743	1319	1319	1018	797	1052	1446	1139	622	940	940	-	465

Transformer Bushings



STANDARD PARTICULARS :

CAT. NO.		SSE6510042	SSE6510043	SSE6510033	SSE6510033-1	SSE6510034	SSE95KVBIL	SSE125KVBIL
Fig. No.		1	2	3	3	4	5	5
Nominal voltage/KV		5	5	5	5	5	15	18
Dimensions (mm)	H	81	82	135	135	108	338	397
	h1	7	7	7	7	30	154	213
	h2	51	52	70	70	48	184	184
	h3	6	6	6	6	3	-	-
	h4	20	20	22	22	11	-	-
	h5	1.5	10	11	11	32	-	-
	h6	-	16	18	18	13	98	98
	D	49	49	49	49	114	39	39
	d1	44	44	32	32	102	80	79
	d2	30	29	28	28	93	46	-
	d3	14	14	14	17	52	56	98
	d4	30	30	30	30	97	21	21
	d5	35	35	35	35	127	55	55
	d6	39	28	29	29	97	68	68
	d7	-	-	-	-	10	-	-
Creepage distance/mm		-	-	-	-	-	280	451
Strike distance/mm		-	-	-	-	-	165	216

BUSHINGS



CAT. NO.		SSE4010004	SSE4010006	SSE4010009	SSE4010010		SSE177C3201	SSE177C3201-1
Fig. No.		1	2	3	3		4	4
Dimensions (mm)	H	79	156	133	133	H	123	123
	h1	22	61	57	57	h1	61	61
	h2	28	19	19	19	h2	7	7
	L1	271	233	233	233	h3	10	10
	L2	137	181	143	143	h4	-	-
	l1	136	112	113	113	L1	229	229
	l2	35	160	60	60	L2	114	102
	l3	35	19	19	19	l1	206	206
	l4	68	18	18	18	l2	178	178
	l5	170	24	76	71	l3	64	51
	l6	85	13	19	28	l4	25	25
	l7	110	-	-	-	l5	92	79
	l8	35	-	-	-	l6	-	-

Bushings

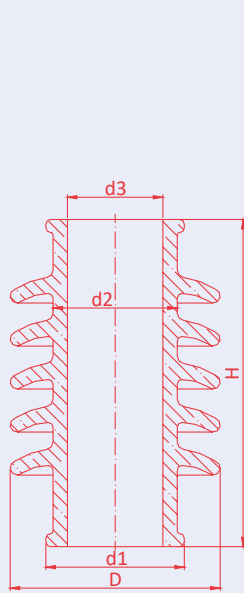


FIG.1

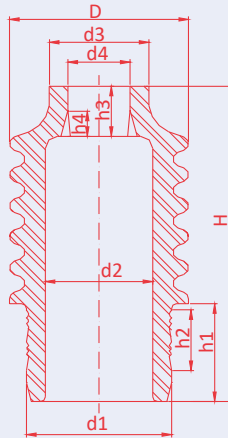


FIG.2

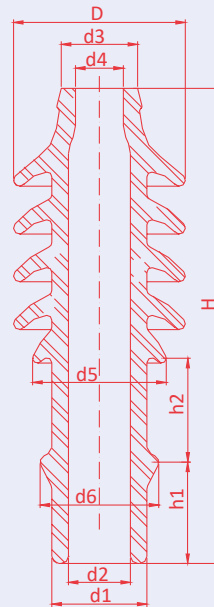


FIG.3

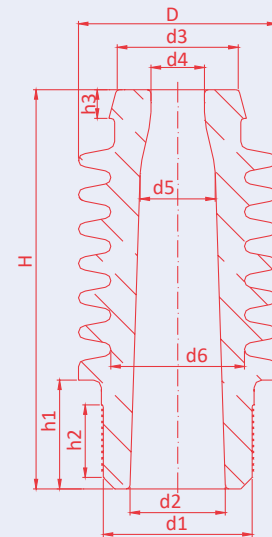


FIG.4

STANDARD PARTICULARS :

FIG. NO.	CAT. NO.	RATED VOLTAGE KV	H	h1	h2	h3	h4	D	d1	d2	d3	d4	d5	d6
1	SSE4944-29	150BIL	216	-	-	-	-	136	95	86	67	-	-	-
1	SSE4944-30	110BIL	190	-	-	-	-	136	95	86	67	-	-	-
1	SSE4944-32	150BIL	216	-	-	-	-	124	82	73	57	-	-	-
1	SSE4944-33	110BIL	190	-	-	-	-	124	82	73	57	-	-	-
2	SSE4824	15	257	79	48	41	25	146	117	89	82	51	-	-
2	SSE4830	25	333	79	48	41	25	146	117	89	82	51	-	-
3	SSE4818-11	15	324	54	54	-	-	140	79	51	60	38	108	98
3	SSE4836-1	15	330	54	60	-	-	152	92	64	60	38	121	114
3	SSE4935-3A	23	406	54	60	-	-	152	92	64	60	38	121	114
3	SSE4931-5	34.5	489	68	52	-	-	194	133	95	76	54	162	165
3	SSE4931-4	34.5	482	54	60	-	-	165	105	76	60	38	133	127
3	SSE4927-6A	46	625	68	38	16	-	187	68	52	60	38	156	165
4	SSE4944-A	15	211	57	38	16	-	127	102	70	64	28	60	90
4	SSE4944-2	15	211	57	38	16	-	105	76	51	64	28	38	71
4	SSE4944-4	25	289	57	38	16	-	105	75	51	64	28	38	71
4	SSE4944-3	25	289	57	38	16	-	127	98	70	64	28	60	94
4	SSE4944-5	34.5	410	57	38	16	-	117	76	51	64	28	38	71
4	SSE4944-1	34.5	410	57	38	16	-	146	102	70	64	28	60	100
4	SSE4944-7	46	562	57	38	16	-	151	102	70	64	28	60	100

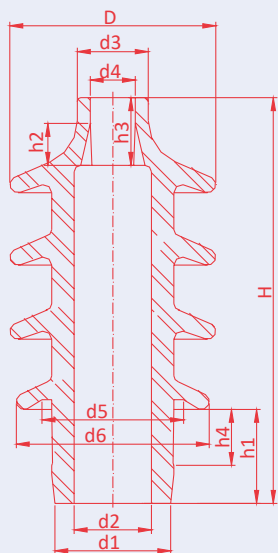


FIG.1

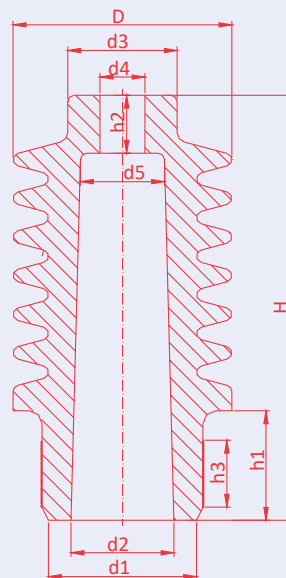


FIG.2

STANDARD PARTICULARS :

FIG. NO.	CAT. NO.	RATED VOLTAGE KV	H	h1	h2	h3	h4	D	d1	d2	d3	d4	d5	d6
1	SSE4818	15	254	67	25	41	32	127	76	51	44	28	102	121
1	SSE4836	15	254	76	25	41	44	152	102	70	54	33	124	-
1	SSE4830	15	254	67	25	41	32	127	76	51	54	33	102	121
2	SSE4831-1B	15	182	38	25	25	-	89	57	38	44	21	30	-
2	SSE4843-24	25	284	60	25	44	-	105	78	51	44	21	38	-

Cutout Porcelain Insulators

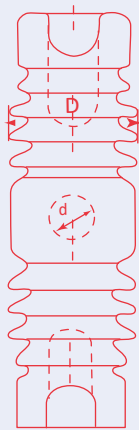


FIG.1

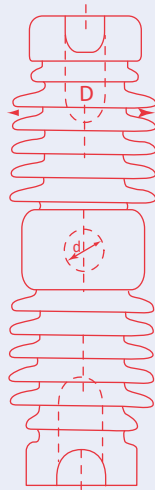


FIG.2

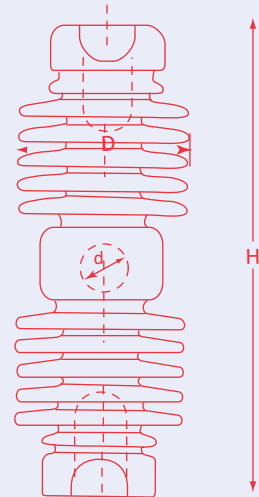


FIG.3

STANDARD PARTICULARS :

CAT. NO.	VOLTAGE CLASS KV	FIG. NO.	CREEPAGE DISTANCE MM	CANTILEVER STRENGTH KN	MAIN DIMENSIONS MM			SHED NUMBER	WEIGHT KG
					H	D	d		
SSE111501	15	1	220	18	287	87	32	8	2.6
SSE111502	15	1	240	18	287	90	32	8	2.8
SSE111503	15	1	255	20	287	105	32	8	3.2
SSE112501	25	2	300	10/12.5	376	90	32	12	3.5
SSE112502	25	2	340	10	375	96	35	12	3.7
SSE112503	25	2	280	10	376	87	32	12	3.4
SSE112504	25	2	360	10	376	102	35	12	3.9
SSE112427	24/27	3	470	10	376	131	35	12	5.8

Applicable Standard: IEC

ANSI

AS

Cutout Porcelain Insulators (Cont...)

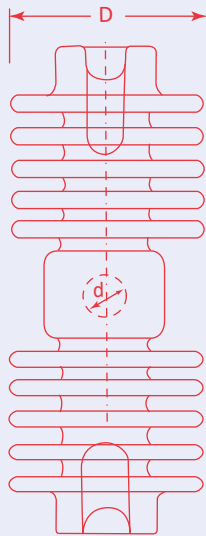


FIG.4



FIG.5

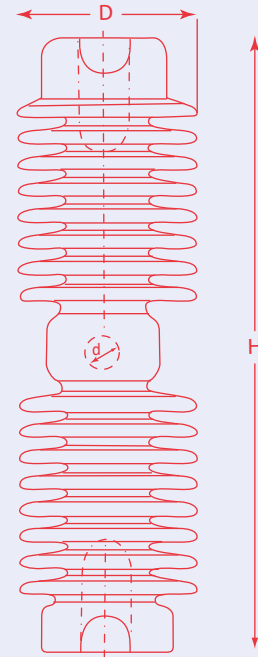
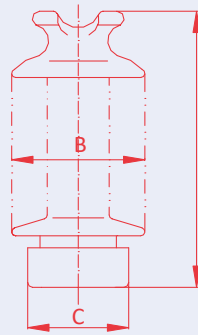


FIG.6

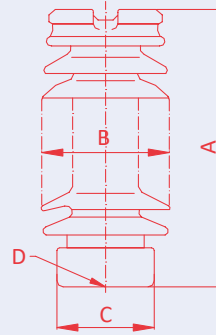
STANDARD PARTICULARS :

CAT. NO.	VOLTAGE CLASS KV	FIG. NO.	CREEPAGE DISTANCE MM	CANTILEVER STRENGTH KN	MAIN DIMENSIONS MM			SHED NUMBER	WEIGHT KG
					H	D	d		
SSE11242701	24/27	4	460	10	375	129	32	10	6.0
SSE11252701	25/27	5	432	6.8/10	467	95	32	17	5.2
SSE11242702	24/27	4	450	10	376	127	32	10	5.8
SSE11242703	24/27	4	500	10	365	150	35	10	6.5
SSE11252702	25/27	4	550	10	375	155	35	10	6.9
SSE11333601	33/36	6	660	6.8/10	467	130	35	16	7.5
SSE11333602	33/36	6	660	6.8/10	467	121	32	16	7.5
Applicable Standard: IEC		ANSI	AS						

Porcelain Line Post Insulator



F-Neck

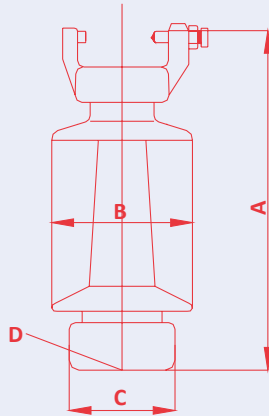


N-Neck

STANDARD PARTICULARS :

CAT. NO.			SSE0301 020	SSE0301 025	SSE0301 035	SSE0301 045	SSE0301 055	SSE0301 066	SSE0301 088
Usual line voltage/kV			20	25	35	45	55	66	88
ANSI Class			—	57-1	57-2	57-3	57-4	57-5	57-6
Designation of Neck			F	F	F	F	N	N	N
Height “A”/in(mm)			7-1/2 (191)	8-3/4 (222)	12 (305)	14-1/2 (369)	17 (432)	20 (508)	23 (584)
Diameter “B”/in(mm)			5-1/2 (140)	5-3/4 (146)	5-3/4 (146)	6 (512)	7 (178)	7 (178)	7-5/16 (185)
Diameter “C” /in(mm)			3-3/4 (95)	4 (102)	4 (102)	4-1/2 (114)	5 (127)	5 (127)	5-1/2 (140)
Thread “D” /in(mm)			3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	7/8-9 UNC
Min. leakage distance/in(mm)			11 (280)	14 (356)	22 (559)	29 (737)	40 (1015)	45 (1145)	53 (1345)
Dry arcing distance/in(mm)			5-3/4 (146)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength/lb(kN)			2000 (9)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)
Average flashover voltage	Low Frequency	Dry/kV	80	80	110	125	150	175	200
		Wet/kV	55	60	85	100	125	150	170
	Critical Impulse	Pos. /kV	105	130	180	210	255	290	330
		Neg. /kV	130	155	205	260	340	380	425
Withstand voltage	Low Frequency	Dry/kV	60	60	90	100	120	140	160
		Wet/kV	40	45	65	80	100	120	135
	Impulse/kV		85	110	150	170	200	235	250
Radio influence voltage data	Test voltage/kV		15	15	22	30	44	44	44
	Max. RIV at 1,000kHz/uV		50	100	100	200	200	200	200
Net weight/lb(kg)			8.5 (3.9)	11 (5)	17 (7.7)	22 (10)	36 (16)	46 (21)	51 (23)

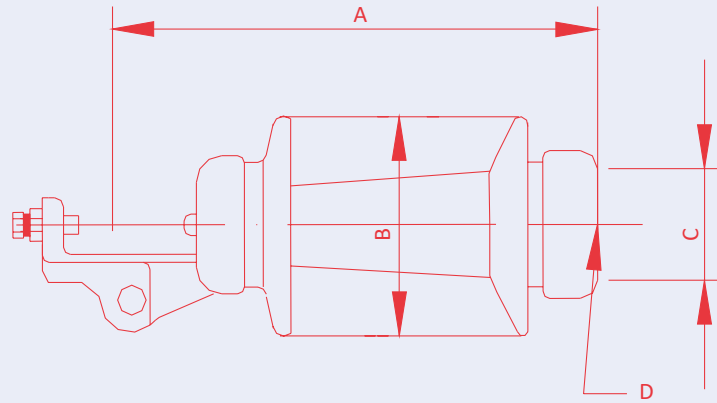
Porcelain Line Post Insulator (Cont...)



STANDARD PARTICULARS :

CAT. NO.			SSE030102 5-01	SSE030103 5-01	SSE030104 5-01	SSE030105 5-01	SSE030106 6-01	SSE030108 8-01
Usual line voltage/kV			25	35	45	55	66	88
ANSI Class			57-11	57-12	57-13	57-14	57-15	57-16
Height “A”/in(mm)			10-5/8 (270)	13-3/4 (349)	16-1/2 (419)	19 (483)	21-5/8 (549)	24-1/4 (616)
Diameter “B”/in(mm)			5-3/4 (146)	6 (152)	6 (152)	6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Diameter “C” /in(mm)			4 (102)	4-1/2 (114)	4-1/2 (114)	5 (127)	5 (127)	5-1/2 (140)
Thread “D” /in(mm)			3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	7/8-9 UNC
Min. leakage distance/in(mm)			14 (356)	22 (559)	29 (737)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Dry arcing distance/in(mm)			6-1/2 (165)	9-1/2 (241)	12-1/4 (311)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength/lb(kN)			2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)
Average flashover voltage	Low Frequency	Dry/kV	80	110	125	150	175	200
		Wet/kV	60	85	100	125	150	170
	Critical Impulse	Pos. /kV	130	180	210	255	290	330
		Neg. /kV	155	205	260	340	380	425
Withstand voltage	Low Frequency	Dry/kV	60	90	100	120	140	160
		Wet/kV	45	65	80	100	120	135
	Impulse/kV		110	150	170	200	235	250
Radio influence voltage data	Test voltage/kV		15	22	30	44	44	44
	Max. RIV at 1,000kHz/uV		100	100	200	200	200	200
Net weight/lb(kg)			15 (6.8)	22 (10)	26 (11.8)	35 (15.9)	41 (18.6)	50 (22.7)

Porcelain Line Post Insulator (Cont...)

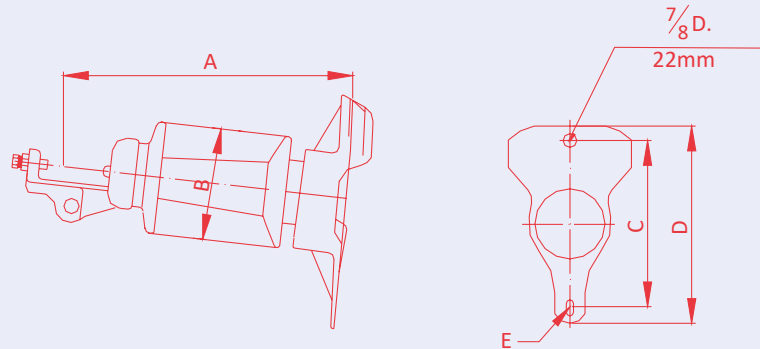


STANDARD PARTICULARS :

CAT. NO.			SSE03010 20-01	SSE03010 25-02	SSE03010 35-02	SSE03010 45-02	SSE03010 55-02	SSE03010 66-02	SSE03010 88-02
Usual line voltage/kV			20	25	35	45	55	66	88
ANSI Class			-	57-21	57-22	57-23	57-24	57-25	57-26
Height “A”/in(mm)			10 (254)	11-3/8 (289)	14-1/2 (368)	17-1/4 (438)	19-3/4 (502)	22-3/8 (568)	25 (635)
Diameter “B”/in(mm)			5-1/2 (140)	5-3/4 (146)	6 (152)	6 (152)	6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Diameter “C” /in(mm)			4 (102)	4 (102)	4-1/2 (114)	4-1/2 (114)	5 (127)	5 (127)	5-1/2 (140)
Thread “D” /in(mm)			3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	3/4-10 UNC	7/8-9 UNC
Min. leakage distance/in(mm)			10 (254)	14 (356)	22 (559)	29 (737)	40 (1015)	45 (1145)	53 (1345)
Dry arcing distance/in(mm)			5 (127)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength/lb(kN)			2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)
Average flashover voltage	Low Frequency	Dry/kV	70	80	110	125	150	175	200
		Wet/kV	65	70	100	115	135	160	180
	Critical Impulse	Pos. /kV	100	130	180	210	255	290	330
		Neg. /kV	125	155	205	260	340	380	425
Withstand voltage	Low Frequency	Dry/kV	55	60	90	100	120	140	160
		Wet/kV	50	55	80	90	110	130	145
	Impulse/kV		80	110	150	170	200	235	250
Radio influence voltage data	Test voltage/kV		15	15	22	30	44	44	44
	Max. RIV at 1,000kHz/uV		50	100	100	200	200	200	200
Net weight/lb(kg)			13 (5.9)	16 (7.3)	22 (10)	28 (12.7)	36 (16.4)	42 (19.1)	52 (23.6)

Porcelain Line Post Insulator (Cont...)

HORIZONTAL MOUNTING CLAMP-TOP TYPE WITH CURVED BASE :

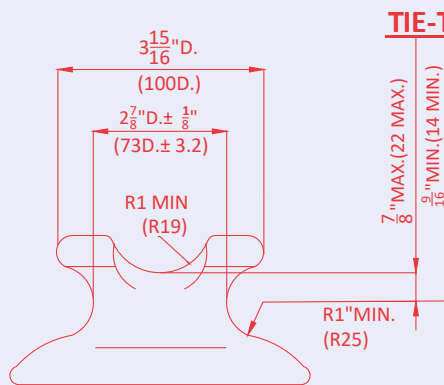


STANDARD PARTICULARS :

CAT. NO.			SSE030102 0-02	SSE030102 5-03	SSE030103 5-03	SSE030104 5-03	SSE030105 5-03	SSE030106 6-03	SSE030108 8-03
Usual line voltage/kV			20	25	35	45	55	66	88
ANSI Class			—	57-31	57-32	57-33	57-34	57-35	57-36
Height “A”/in(mm)			10-3/8 (264)	11-3/4 (298)	14-7/8 (378)	17-5/8 (448)	19-3/4 (502)	22-3/8 (568)	25 (635)
Diameter “B”/in(mm)			5-1/2 (140)	5-3/4 (146)	6 (512)	6 (512)	6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Length “C” /in(mm)			10 (254)	10 (254)	10 (254)	10 (254)	10 (254)	12 (305)	12 (305)
Length “D” /in(mm)			12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	14 (356)	14 (356)
Slot Hole “E”/in(mm)			7/8x1-1/ 8 (22x29)	7/8x1-1/ 8 (22x29)	7/8x1-1/ 8 (22x29)	7/8x1-1/ 8 (22x29)	7/8x1-15 /16 (22x24)	7/8x1-15 /16 (22x24)	7/8x1-1/ 8 (22x29)
Min. leakage distance/in(mm)			10 (254)	14 (356)	22 (559)	29 (737)	40 (1015)	45 (1145)	53 (1345)
Dry arcing distance/in(mm)			5 (127)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength/lb(kN)			2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)	2800 (12.5)
Average flashover voltage	Low Frequency	Dry/kV	70	80	110	125	150	175	200
		Wet/kV	65	70	100	115	135	160	180
	Critical Impulse	Pos. /kV	100	130	180	210	255	290	330
		Neg. /kV	125	155	205	260	340	380	425
Withstand voltage	Low Frequency	Dry/kV	55	60	90	100	120	140	160
		Wet/kV	50	55	80	90	110	130	145
	Impulse/kV		80	110	150	170	200	235	250
Radio influence voltage data	Test voltage/kV		15	15	22	30	44	44	44
	Max. RIV at 1,000kHz/uV		50	100	100	200	200	200	200
Net weight/lb(kg)			18 (8.2)	20 (9.1)	26 (11.8)	32 (14.6)	42 (19.1)	54 (24.5)	61 (27.7)

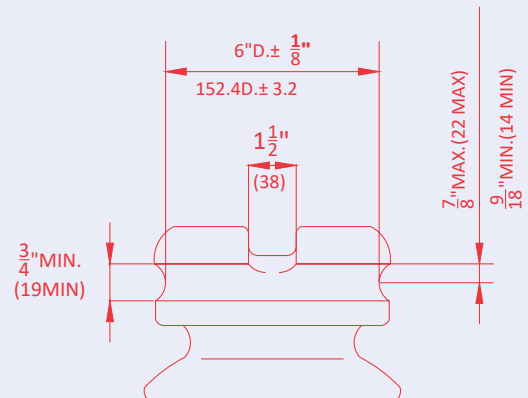
Porcelain Line Post Insulator (Cont...)

DETAILS OF TOP AND BASE :



F-NECK

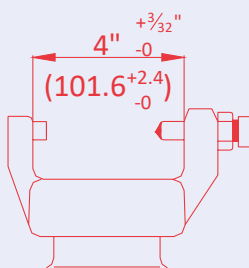
Top and side-wire groove
Shall a 1-15/16 inch (49.2mm)
diameter mandrel



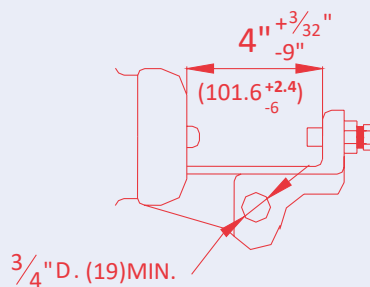
N-NECK

Top wire groove
shall a 1-7/16 inch (36.5mm)
diameter mandrel

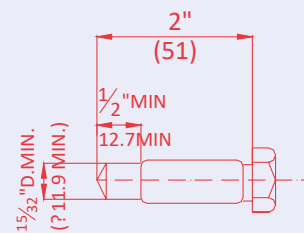
VERTICAL-CLAMP



CLAMP-TOP TYPE HORIZONTAL-CLAMP

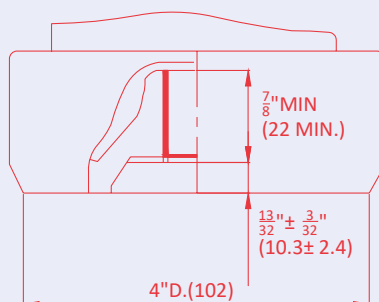


TRUNNION BOLT

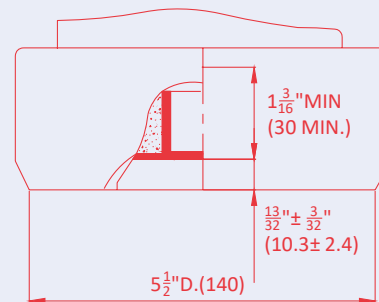


BASE RECESS

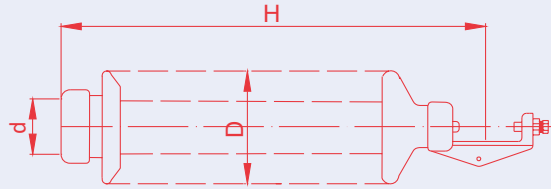
3/4-10UNC
(PD0.7077"-0.7000")



7/8-9UNC
(PD0.8260"-0.8178")

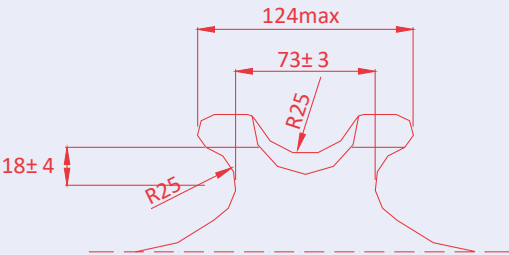
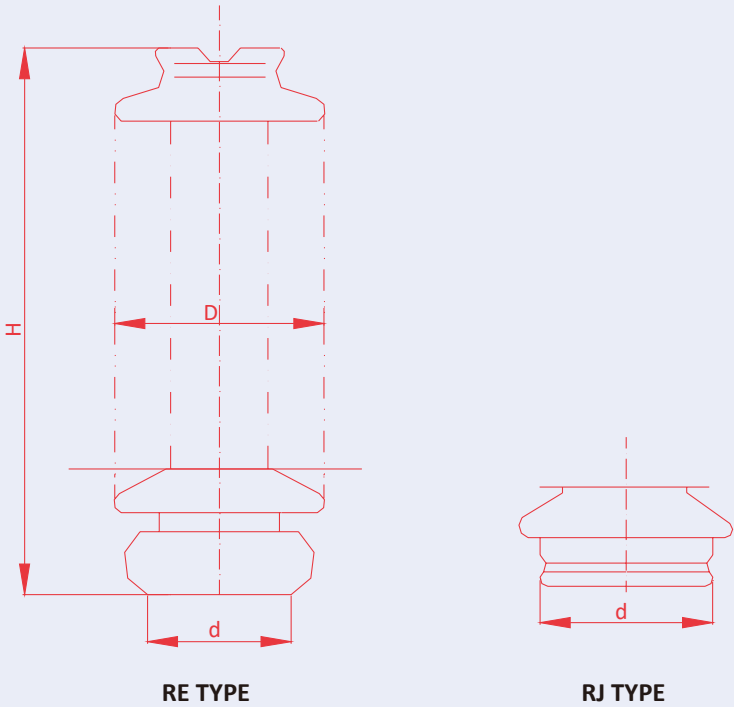


Porcelain Line Post Insulator (Cont...)



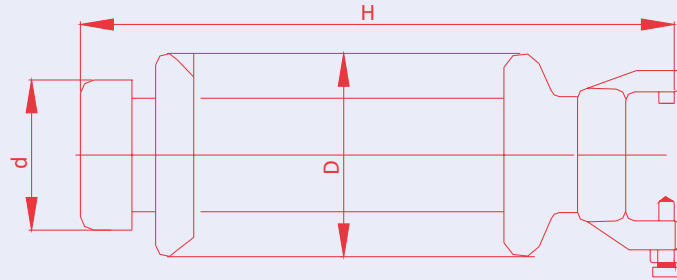
STANDARD PARTICULARS :

IEC CLASS	LIGHTNING IMPULSE WITHSTAND VOLTAGE (KV)	POWER FREQ. WET WITHSTAND VOLTAGE (KV)	MIN. CREEPAGE DISTANCE (MM)	H (MM)	MIN. NOMINAL DIA. OF END FITTING D(MM)	BOLT HOLE DIA. OF END FITTING	MAX. SHED DIA.D (MM)
R8 ET75L	75	28	250	190	90	M20	140
R8 JT75L							
R8 ET95L	95	38	350	222	90	M20	145
R8 JT95L							
R8 ET125L	125	50	530	305	90	M20	150
R8 JT125L							
R8 ET170L	170	70	720	370	90	M20	160
R8 JT170L							
R12.5 ET125N	125	50	400	305	100	M20	160
R12.5 JT125N							
R12.5 ET170N	170	70	580	370	110	M20	170
R12.5 JT170N							
R12.5 ET200N	200	85	620	430	120	M20	180
R12.5 JT200N							
R12.5 ET250N	250	95	860	510	120	M20	190
R12.5 JT250N							
R12.5 ET325N	325	140	1200	660	140	M24	200
R12.5 JT325N							
R12.5 ET75L	75	28	250	190	90	M20	160
R12.5 JT75L							
R12.5 ET95L	95	38	350	222	100	M20	165
R12.5 JT95L							
R12.5 ET125L	125	50	530	305	100	M20	170
R12.5 JT125L							
R12.5 ET170L	170	70	720	370	110	M20	180
R12.5 JT170L							
R12.5 ET200L	200	85	900	430	120	M20	190
R12.5 JT200L							
R12.5 ET250L	250	95	1140	510	120	M20	200
R12.5 JT250L							
R12.5 ET325L	325	140	1450	660	140	M24	210
R12.5 JT325L							



STANDARD HEAD :

Porcelain Line Post Insulator (Cont...)



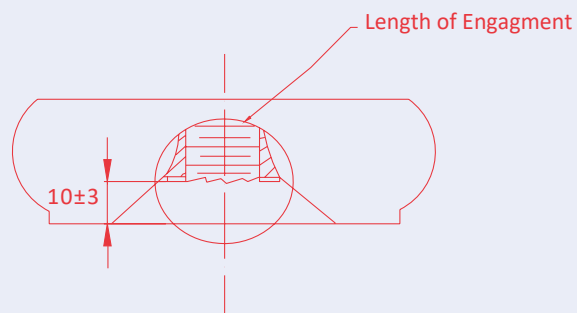
STANDARD PARTICULARS :

IEC CLASS	LIGHTNING IMPULSE WITHSTAND VOLTAGE (kV)	POWER FREQ. WET WITHSTAND VOLTAGE (kV)	MIN. CREEPAGE DISTANCE (MM)	H (MM)	MIN. NOMINAL DIA. OF END FITTING D(MM)	BOLT HOLE DIA. OF END FITTING	MAX. SHED DIA.D (MM)
R12.5EC125N	125	50	400	350	100	M20	160
R12.5EH125N				370			
R12.5EC170N	170	70	580	420	110	M20	170
R12.5EH170N				440			
R12.5EC200N	200	85	620	495	120	M20	180
R12.5EH200N				515			
R12.5EC250N	250	95	860	570	120	M20	190
R12.5EH250N				590			
R12.5EC325N	325	140	1200	710	140	M24	200
R12.5EH325N				730			
R12.5EC75L	75	28	250	235	90	M20	160
R12.5EH75L				255			
R12.5EC95L	95	38	350	270	100	M20	165
R12.5EH95L				290			
R12.5EC125L	125	50	530	350	100	M20	170
R12.5EH125L				370			
R12.5EC170L	170	70	720	420	110	M20	180
R12.5EH170L				440			
R12.5EC200L	200	85	900	495	120	M20	190
R12.5EH200L				515			
R12.5EC250L	250	95	1140	570	120	M20	200
R12.5EH250L				590			
R12.5EC325L	325	140	1450	710	140	M24	210
R12.5EH325L				730			

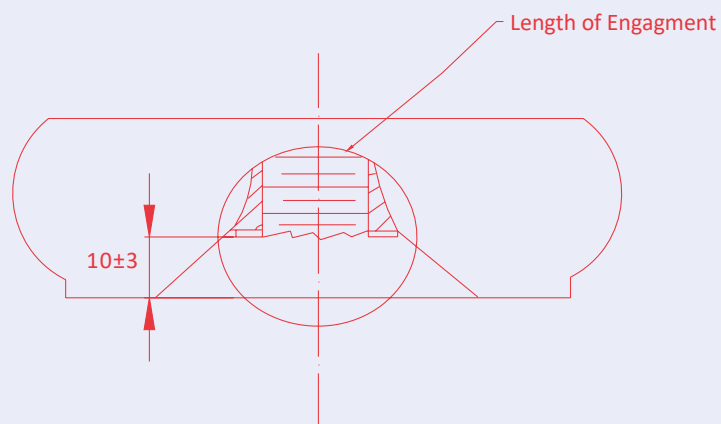
NOTE: 1. EC-Vertical clamp-top type.
2. EH-Horizontal clamp-top type.

Porcelain Line Post Insulator (Cont...)

FOR R250 TYPE :



FOR R325 TYPE :



DETAILS OF BOTTOM METAL FITTINGS

Porcelain Pin Post Insulator

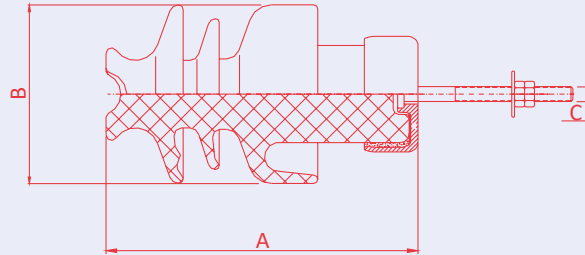


FIG. 1

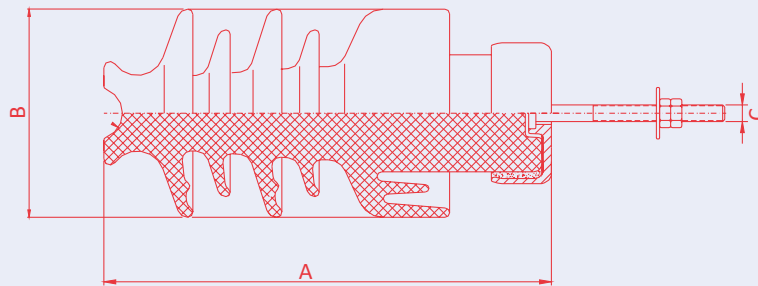
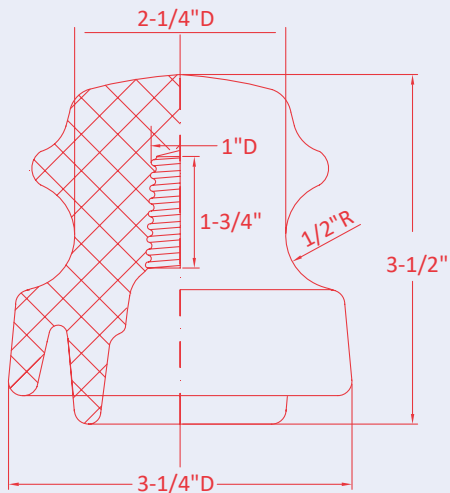


FIG. 2

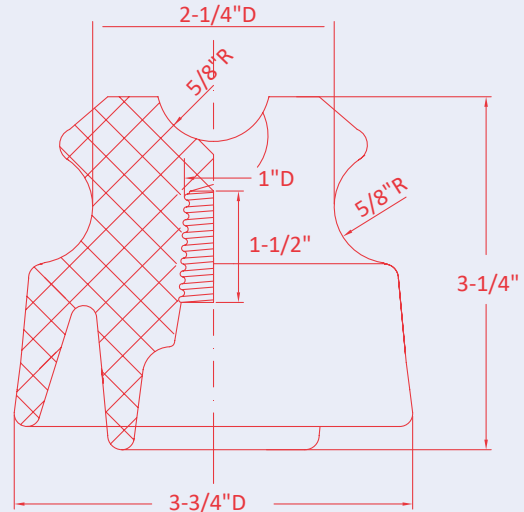
STANDARD PARTICULARS :

CAT. NO.			SSE0301025-4	SSE0301035-4	SSE0301045-4
Fig. No.			1	1	2
Usual line voltage/kV			11	24	36
Designation of Neck			F	F	F
Height “A” (mm)			222	336	432
Diameter “B”(mm)			146	175	205
Stud Diameter “C” (mm)			M20	M20	M20
Min. leakage distance (mm)			350	530	875
Dry arcing distance/in(mm)			165	311	368
Cantilever strength/lb(kN)			12.5	12.5	12.5
Average flashover voltage	Low Frequency	Dry/kV	80	110	150
		Wet/kV	60	85	125
	Critical Impulse	Pos. /kV	130	210	255
		Neg. /kV	155	260	340
Withstand voltage	Low Frequency	Dry/kV	60	85	120
		Wet/kV	45	65	100
	Impulse/kV		110	180	200
Radio influence voltage data	Test voltage/kV		15	24	36
	Max. RIV at 1,000kHz/uV		100	200	200
Net weight/lb(kg)			5	10	16

Low-and Medium-Voltage Pin Type Insulator (ANSI Standard)



55-1



55-2

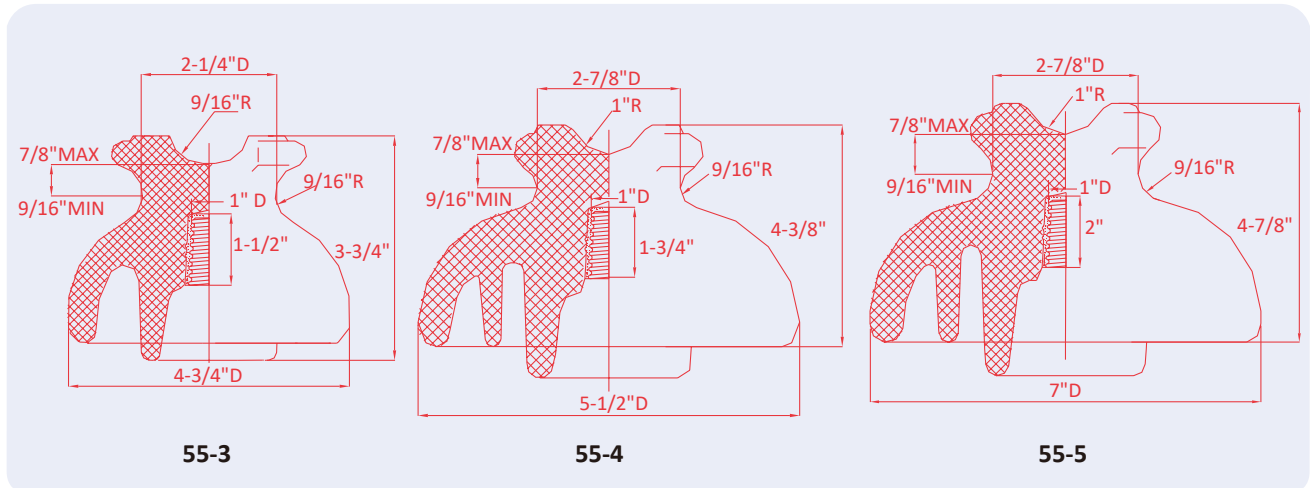
STANDARD PARTICULARS :

CAT. NO.			SSE0401551		SSE0401552	
ANSI Class			55-1		55-2	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed
Neck Designation in accordance with ANSI C29.5			C		C	
Voltage Rating (U.S.Practice) /KV			7.2		7.2	
Leakage Distance/in (mm)			4(102)		5(127)	
Dry arcing distance/in(mm)			2-1/4(57)		3-3/8(86)	
Minimum Pin Height/Average/lb (kN)			3,000(13.3)		2,500(11.1)	
Average Flashover Voltage	Low Frequency	Dry/kV	35	35	50	45
		Wet/kV	20	20	25	25
	Critical-impulse	Positive/kV	50	50	75	70
		Negative/kV	70	70	95	85
Low Frequency Puncture Voltage/Average/kV			50		70	
Radio-Influence Voltage date	Test Voltage to Ground/kV		5	5	5	5
	Maximum RIV at 1,000kHz/μ V		2,500	50	2,500	50
Net weight/lb			1.2		1.4	

NOTES: 1. Surfaces coated with semi-conductive glaze considered as effective leakage surfaces and the distance over them is included in the leakage distance.

2. Top-and wire groove shall seat a mandrel with a diameter of 15/16 inch.

Low-and Medium-Voltage Pin Type Insulator (ANSI Standard) (Cont...)

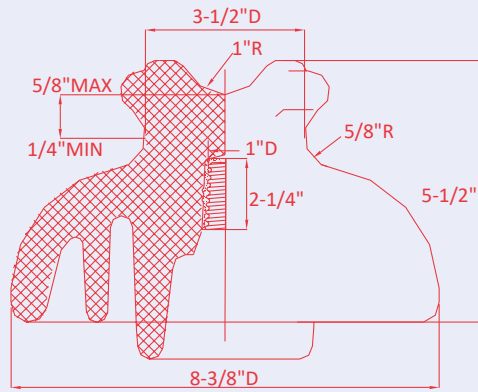


STANDARD PARTICULARS :

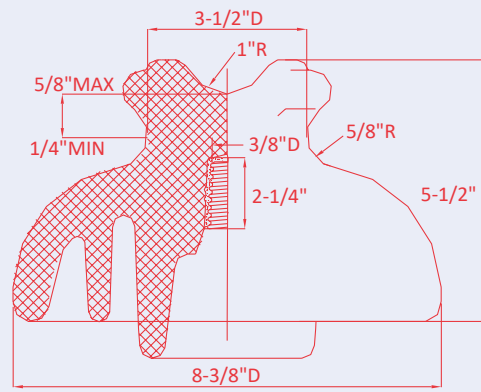
CAT. NO.			SSE0401553		SSE0401551		SSE0401552	
ANSI Class			55-3		55-4		55-5	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed
Neck Designation in accordance with ANSI C29.5			C		F		F	
Voltage Rating (U.S.Practice) /KV			7(178)		9(229)		12(305)	
Leakage Distance/in (mm)			4-1/2(114)		5(127)		6-1/4(159)	
Dry arcing distance/in(mm)			5(127)		5(127)		6(152)	
Cantilever Strength/Average/lb (kN)			2,500(11)		3,000(13)		3,000(13)	
Average Flashover Voltage	Low Frequency	Dry/kV	65	55	70	65	85	80
		Wet/kV	35	30	40	35	45	45
	Critical-impulse	Positive/kV	100	90	110	105	140	130
		Negative/kV	130	110	140	130	170	150
Low Frequency Puncture Voltage/Average/kV			90		95		115	
Radio-Influence Voltage date	Test Voltage to Ground/kV		10	10	10	10	15	15
	Maximum RIV at 1,000kHz/μ V		5,500	50	5,500	50	8,000	100
Net weight/lb			2.4		3.7		6.4	

- NOTE:** 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.
2. The side-wire groove shall seat a mandrel with a diameter of 1-1/16 inches. The top-wire groove shall seat a mandrel with a diameter of 1-3/4 inches.

Low-and Medium-Voltage Pin Type Insulator (ANSI Standard) (Cont...)



55-6



55-7

STANDARD PARTICULARS :

CAT. NO.			SSE0401556	SSE0401557
ANSI Class			55-6	55-7
Neck Designation in accordance with ANSI C29.5			J	J
Voltage Rating (U.S.Practice) /KV			13.2	13.2
Leakage Distance/in (mm)			15(381)	15(381)
Dry arcing distance/in(mm)			8(203)	8(203)
Minimum Pin Height/Average/lb (kN)			7-1/2(190)	7-1/2(190)
Average Flashover Voltage	Low Frequency	Dry/kV	100	100
		Wet/kV	50	50
	Critical-impulse	Positive/kV	150	150
		Negative/kV	170	170
Low Frequency Puncture Voltage/Average/kV			135	135
Radio-Influence Voltage date	Test Voltage to Ground/kV		22	22
	Maximum RIV at 1,000kHz/μ V		100	100
			8000	8000
Net weight/lb			8.5	8.5

NOTE: 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.

2. The side-wire groove shall seat a mandrel with a diameter of 1-1/8 inches. The top-wire groove shall seat a mandrel with a diameter of 1-3/4 inches.

High-Voltage Pin Type Insulator (ANSI Standard)

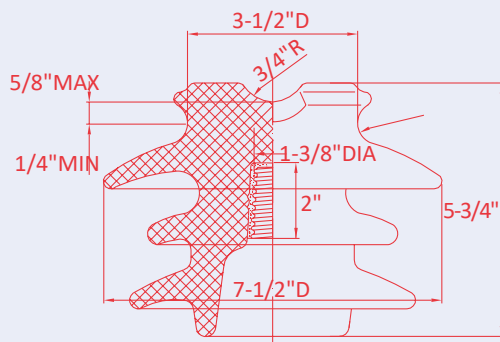


FIG. 1

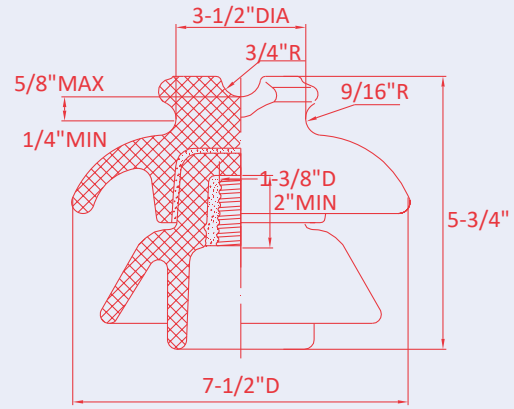


FIG. 2

56-1

STANDARD PARTICULARS :

CAT. NO.			SSE0401561			
ANSI Class			56-1			
Fig. No.			1		2	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed
Neck Designation in accordance with ANSI C29.5			J		J	
Voltage Rating (U.S.Practice) /KV			23		23	
Leakage Distance/in (mm)			13(330)		13(330)	
Dry arcing distance/in(mm)			7(178)		7(178)	
Minimum Pin Height/in (mm)			6(152)		6(152)	
Cantilever Strength/Average/lb (kN)			2,500(11)		2,500(11)	
Average Flashover Voltage	Low Frequency	Dry/kV	95		95	
		Wet/kV	60		60	
	Critical-impulse	Positive/kV	150		150	
		Negative/kV	190		190	
Low Frequency Puncture Voltage/Average/kV			130		130	
Radio-Influence Voltage date	Test Voltage to Ground/kV		15	15	15	15
	Maximum RIV at 1,000kHz/μ V		8,000	100	8,000	100
Net weight/lb			7.3		7.3	

NOTES: 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.

2. The side-wire groove shall seat a mandrel with a diameter of 1-1/16 inches. The top-wire groove shall seat a mandrel with a diameter of 1-3/4 inches.

High-Voltage Pin Type Insulator (ANSI Standard) (Cont...)

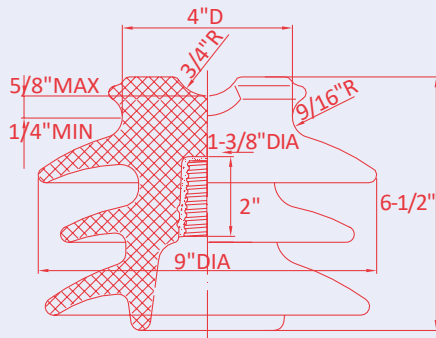


FIG.1

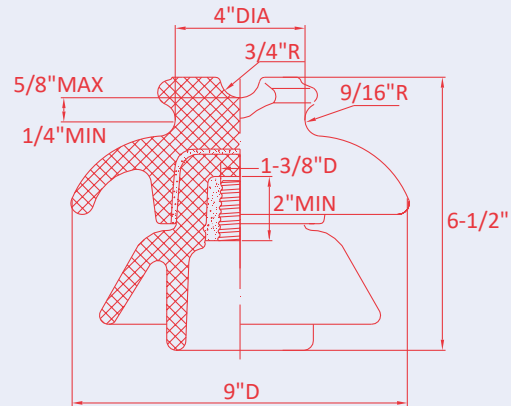


FIG.2

56-2

STANDARD PARTICULARS :

CAT. NO.			SSE0401562			
ANSI Class			56-2			
Fig. No.			1		2	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed
Neck Designation in accordance with ANSI C29.6			K		K	
Voltage Rating (U.S.Practice) /KV			23		23	
Leakage Distance/in (mm)			17(432)		17(432)	
Dry arcing distance/in(mm)			8-1/4(210)		8-1/4(210)	
Minimum Pin Height/in (mm)			7(178)		7(178)	
Cantilever Strength/Average/lb (kN)			3,000(13)		3,000(13)	
Average Flashover Voltage	Low Frequency	Dry/kV	110		110	
		Wet/kV	70		70	
	Critical-impulse	Positive/kV	175		175	
		Negative/kV	225		225	
Low Frequency Puncture Voltage/Average/kV			145		145	
Radio-Influence Voltage date	Test Voltage to Ground/kV		22	22	22	22
	Maximum RIV at 1,000kHz/μ V		12,000	100	12,000	100
Net weight/lb			11		11	

- NOTE:** 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.
2. The side-wire groove shall seat a mandrel with a diameter of 1-1/16 inches. The top-wire groove shall seat a mandrel with a diameter of 1-7/16 inches.

High-Voltage Pin Type Insulator (ANSI Standard) (Cont...)

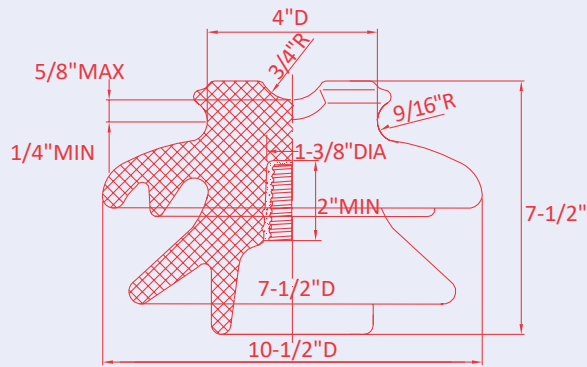


FIG.1

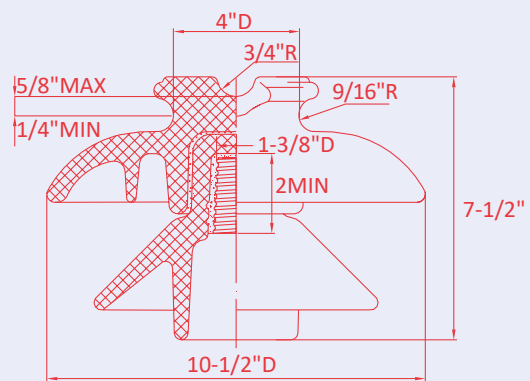


FIG.2

56-3

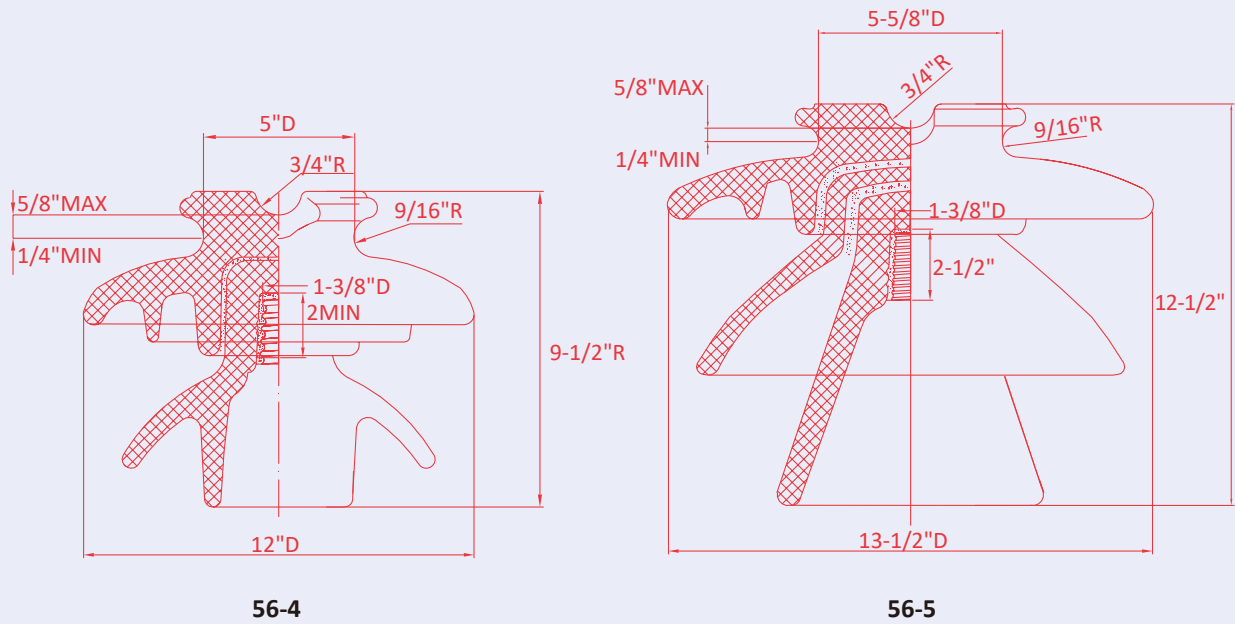
STANDARD PARTICULARS :

CAT. NO.			SSE0401563			
ANSI Class			56-3			
Fig. No.			1		2	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed
Neck Designation in accordance with ANSI C29.6			K		K	
Voltage Rating (U.S.Practice) /KV			34.5		34.5	
Leakage Distance/in (mm)			21(533)		21(533)	
Dry arcing distance/in(mm)			9-1/2(241)		9-1/2(241)	
Minimum Pin Height/in (mm)			8(203)		8(203)	
Cantilever Strength/Average/lb (kN)			3,000(13)		3,000(13)	
Average Flashover Voltage	Low Frequency	Dry/kV	125		125	
		Wet/kV	80		80	
	Critical-impulse	Positive/kV	200		200	
		Negative/kV	265		265	
Low Frequency Puncture Voltage/Average/kV			165		165	
Radio-Influence Voltage date	Test Voltage to Ground/kV		30	30	30	30
	Maximum RIV at 1,000kHz/μ V		16,000	200	16,000	200
Net weight/lb			17		17	

NOTE: 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.

2. The side-wire groove shall seat a mandrel with a diameter of 1-1/16 inches. The top-wire groove shall seat a mandrel with a diameter of 1-7/16 inches.

Standard Particulars (ANSI Standard)



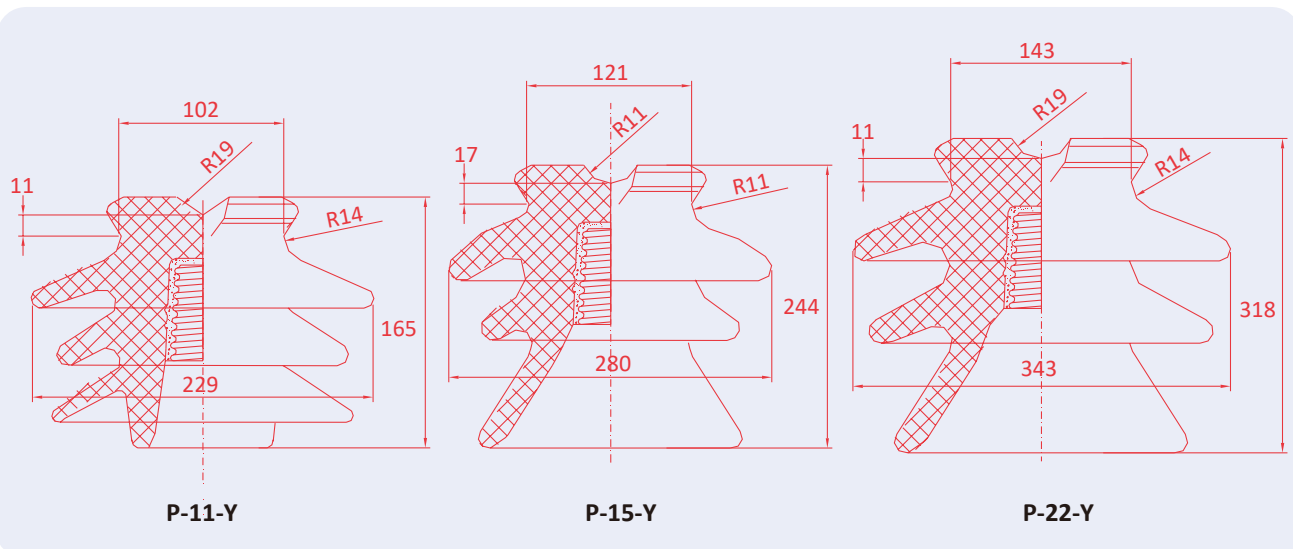
STANDARD PARTICULARS :

CAT. NO.			SSE0401564		SSE0401565	
ANSI Class			56-4		56-5	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed
Leakage Distance/in (mm)			27(686)		34(864)	
Dry arcing distance/in(mm)			11-1/4(286)		14(356)	
Minimum Pin Height/in (mm)			10		12(305)	
Cantilever Strength/Average/lb (kN)			3,000(13)		3,000(13)	
Average Flashover Voltage	Low Frequency	Dry/kV	140		175	
		Wet/kV	95		125	
	Critical-impulse	Positive/kV	225		270	
		Negative/kV	310		340	
Low Frequency Puncture Voltage/Average/kV			185		225	
Radio-Influence Voltage date	Test Voltage to Ground/kV		30	30	44	44
	Maximum RIV at 1,000kHz/μ V		16,000	200	25,000	200
Net weight/lb			24		30	

NOTES: 1. Surfaces coated with semi-conductive glaze are considered as effective leakage surfaces and the distance over them is included in the leakage distance.

2. The side-wire groove shall seat a mandrel with a diameter of 1-1/16 inches. The top-wire groove shall seat a mandrel with a diameter of 1-7/16 inches.

Pin Type Insulator (BS Standard)



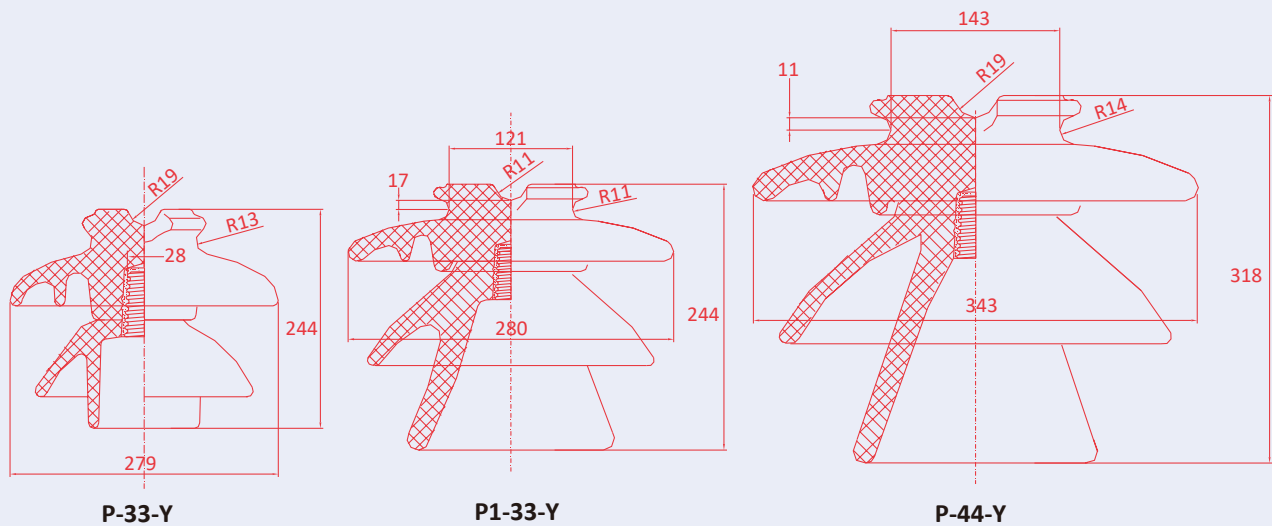
STANDARD PARTICULARS :

CAT. NO.			SSE0402011		SSE0402015		SSE0402022	
ANSI Class			P-11-Y		P-15-Y		P-22-Y	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed
Recommended Nominal System Voltage/kV			11		15		22	
Total Creepage Distance/mm			254		298		432	
Protected Creepage Distance/mm			102		133		200	
Recommended Pin Height/mm			152		165		178	
Cantilever Strength/(kN)			11		11		11	
Minimum Flashover Voltage	Power-Frequency	Dry/kV	75		80		100	
		Wet/kV	50		55		60	
	50% Impulse	Positive/kV	115		130		160	
		Negative/kV	150		175		205	
Radio-Influence Voltage date	One-minute Power-Frequency	Dry/kV	65		70		90	
		Wet/kV	45		50		55	
	Impulse/kV		95		110		150	
Power-Frequency Puncture Voltage/kV			150		150		145	
Radio-Influence Voltage date	Test Voltage to Ground/kV		15	15	15	15	22	22
	Maximum RIV at 1,000kHz/μ V		8,000	100	8,000	100	12,000	100
Dimension of Pin Head			Small Steel Head				Large Steel Head	
Net weight/lb			1.7		2.0		2.3	

NOTE: 1. Surfaces coated with semi-conductive glaze considered as effective creepage surfaces and the distance over them is included in the creepage distance.

2. RIV data are to be obtained by the test procedures prescribed in section 4.9 of ANSI C29.1

Pin Type Insulator (BS Standard) (Cont...)



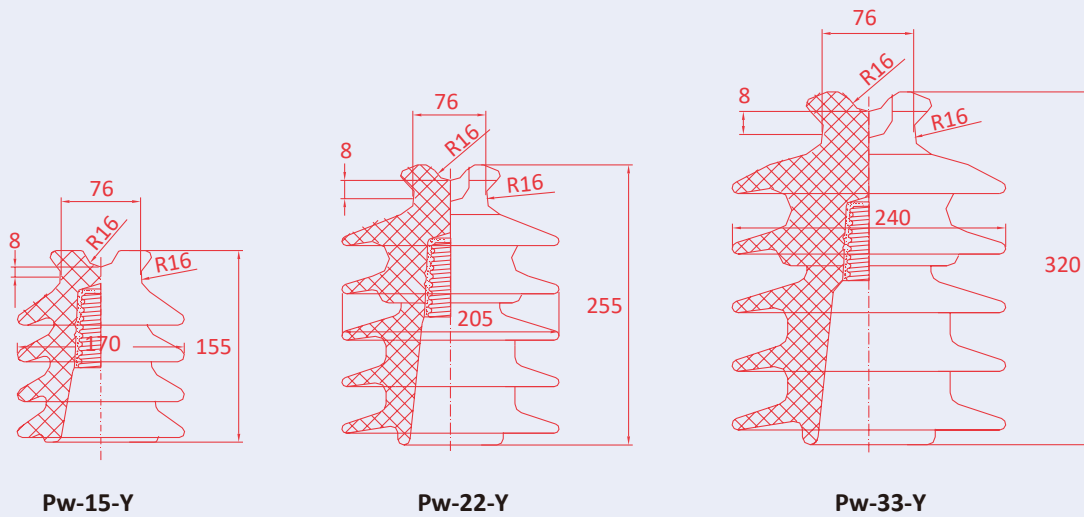
STANDARD PARTICULARS :

CAT. NO.			SSE0402033		SSE0402033-01		SSE0402044	
ANSI Class			P-33-Y		P ₁ -33-Y		P-44-Y	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed
Recommended Nominal System Voltage/kV			33		33		44	
Total Creepage Distance/mm			630		699		864	
Protected Creepage Distance/mm			381		381		483	
Recommended Pin Height/mm			280		280		330	
Cantilever Strength/(kN)			11		11		13.6	
Minimum Flashover Voltage	Power-Frequency	Dry/kV	130		130		155	
		Wet/kV	85		95		110	
	50% Impulse	Positive/kV	185		215		240	
		Negative/kV	260		290		305	
Radio-Influence Voltage date	One-minute Power-Frequency	Dry/kV	110		115		140	
		Wet/kV	75		90		100	
	Impulse/kV		170		200		220	
Power-Frequency Puncture Voltage/kV			185		210		250	
Radio-Influence Voltage date	Test Voltage to Ground/kV		22	22	30	30	44	44
	Maximum RIV at 1,000kHz/μ V		16,000	200	16,000	200	25,000	200
Dimension of Pin Head			Large Steel Head specified in B.S.					
Net weight/lb			11.5		10.0		13.6	

NOTE: 1. Surfaces coated with semi-conductive glaze considered as effective creepage surfaces and the distance over them is included in the creepage distance.

2. RIV data are to be obtained by the test procedures prescribed in section 4.9 of ANSI C29.1

Pin Type Insulator (BS Standard) (Cont...)



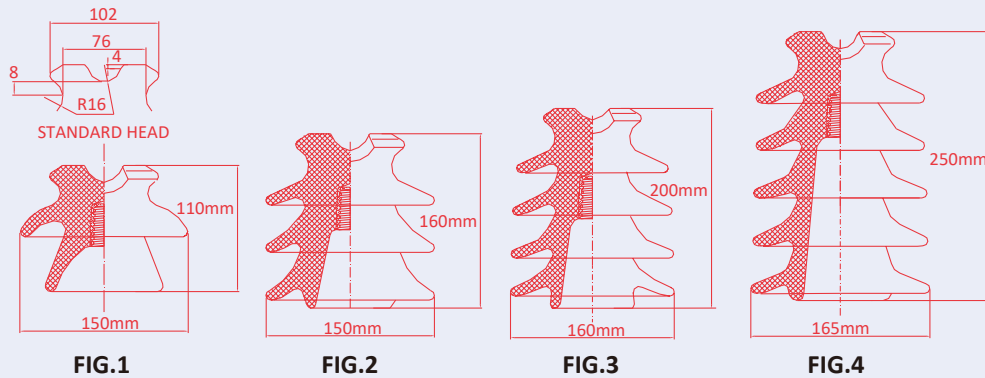
STANDARD PARTICULARS :

CAT. NO.			SSE0402015-P		SSE0402022-P		SSE0402033-P	
ANSI Class			Pw-15-y		Pw-22-y		Pw-33-y	
Insulator Type			Plain	Radio Freed	Plain	Radio Freed	Plain	Radio Freed
Recommended Nominal System Voltage/kV			15		22		33	
Total Creepage Distance/mm			432		673		851	
Protected Creepage Distance/mm			197		267		419	
Recommended Pin Height/mm			216		280		330	
Cantilever Strength/(kN)			11		11		11	
Minimum Flashover Voltage	Power-Frequency	Dry/kV	100		125		140	
		Wet/kV	65		95		110	
	50% Impulse	Positive/kV	150		190		210	
		Negative/kV	90		110		125	
Radio-Influence Voltage date	One-minute Power-Frequency	Dry/kV	60		90		100	
		Wet/kV	140		180		200	
	Impulse/kV		150		200		210	
Power-Frequency Puncture Voltage/kV			185		210		250	
Radio-Influence Voltage date	Test Voltage to Ground/kV		22	22	30	30	44	44
	Maximum RIV at 1,000kHz/μ V		12,000	200	16,000	200	25,000	200
Dimension of Pin Head			Large Steel Head specified in B.S.					
Net weight/lb			5		10		13	

NOTE: 1. Surfaces coated with semi-conductive glaze considered as effective creepage surfaces and the distance over them is included in the creepage distance.

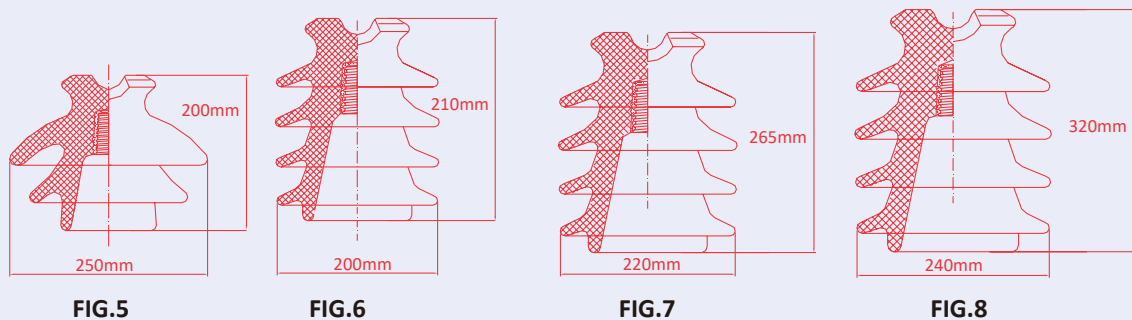
2. RIV data are to be obtained by the test procedures prescribed in section 4.9 of ANSI C29.1

Pin Type Insulator for High Voltage (AS Standard)



STANDARD PARTICULARS :

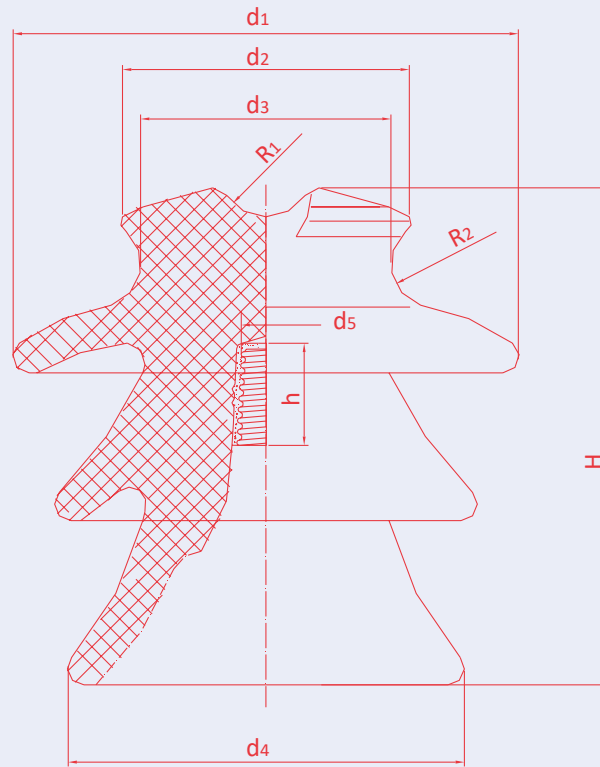
CAT. NO.	SSE0406180	SSE0406275	SSE0406450	SSE0406490
Fig. No.	1	2	3	4
Nominal System Voltage/kV	SLP/11/180	ALP/11/275	ALP/22/450	ALP/22/490
Min. Nominal Creepage Distance/mm	180	275	450	490
Recommended Pin Type	A/130/7	C/150/7	C/200/11	C/200/11
Min. Cantilever Strength/kN	7	7	11	11
Power Frequency Withstand Voltage/kV	30	30	50	50
Lightning Impulse Withstand Voltage/kV	105	105	150	160
Power Frequency Puncture Voltage/kV	95	105	145	160
Weight/kg	1.50	3.2	3.8	4.2



STANDARD PARTICULARS :

CAT. NO.	SSE0406480	SSE0406520	SSE0406710	SSE0406920
Fig. No.	5	6	7	8
AS Class	ALP/22/480	ALP/22/520	ALP/33/710	ALP/33/920
Nominal System Voltage/kV	22	22	33	33
Min. Nominal Creepage Distance/mm	480	520	710	920
Recommended Pin Type	C/150/11	C/220/11	C/300/7	C/300/7
Min. Cantilever Strength/kN	11	11	11	11
Power Frequency Withstand Voltage/kV	50	50	90	90
Lightning Impulse Withstand Voltage/kV	150	150	220	220
Power Frequency Puncture Voltage/kV	130	160	210	220
Weight/kg	5.4	4.8	10.0	14.3

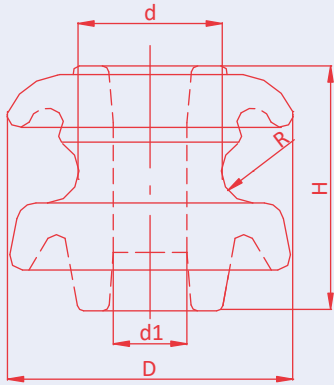
Pin Type Insulator for High Voltage (DIN Standard)



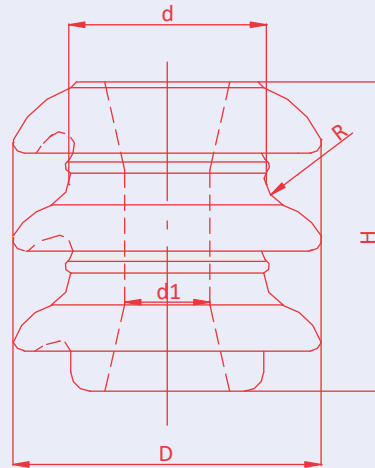
STANDARD PARTICULARS :

CAT. NO.			SSE0403010	SSE0403015	SSE0403020	SSE0403030
DIN. No.			St10	St15	St20	St30
Main Dimension/mm	d1		135	150	175	230
	d2		62	72	82	92
	d3		80	90	100	110
	d4		110	120	145	185
	d5		31	28	31	38
	H		138	158	185	250
	h		55	60	65	90
	R1		10	10	10	10
	R2		12.5	12.5	12.5	12.5
Nominal Voltage/kV			10	15	20	30
Creepage Distance/mm			240	270	340	430
Power-Frequency Puncture Voltage/kV			110	120	140	165
Cantilever Failing Load/kN			12.5	12.5	14.7	14.7
Minimum Flashover Voltage	Power-Frequency	Dry/kV	70	75	90	130
		Wet/kV	70	75	90	130
	50% Impulse	Positive/kV	100	110	130	200
Weight/kg			1.5	2.3	3.4	6.5

Shackle Insulator (BS Standard Type)



ED - 2(B)
ED - 2(B)1



ED - 2(C)

TYPE		ED - 2(C)	ED - 2(B)	ED - (B)1
Dimensions (mm)	H	80	76	76
	D	80	89	89
	d	50	48	48
	d1	22	21	17.5
	R	6	10	10
Transverse Strength (KN)		13.2	12.7	12.7
Power Frequency Flashover Voltage	Dry (KV)	25	25	25
	Wet (KV)	12	12	12
Net Weight, Each, Approx (kg)		0.5	0.5	0.5
Number in Standard Package		60	60	60
Colour		Brown, Light Gray or to Drawings		

Spool Insulator (ANSI Standard Type)

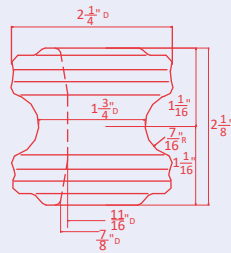


FIG.1

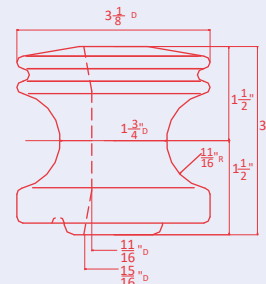


FIG.2

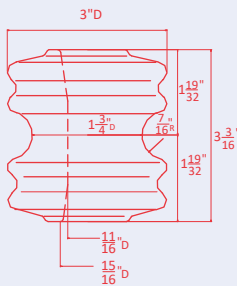


FIG.3

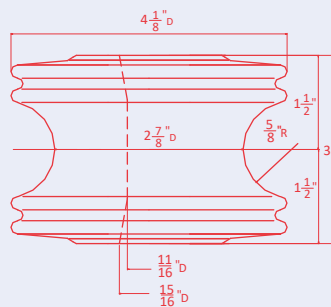


FIG.4

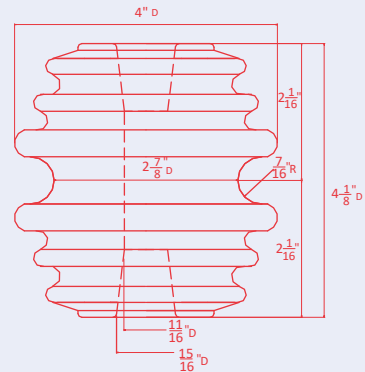


FIG.5

STANDARD PARTICULARS :

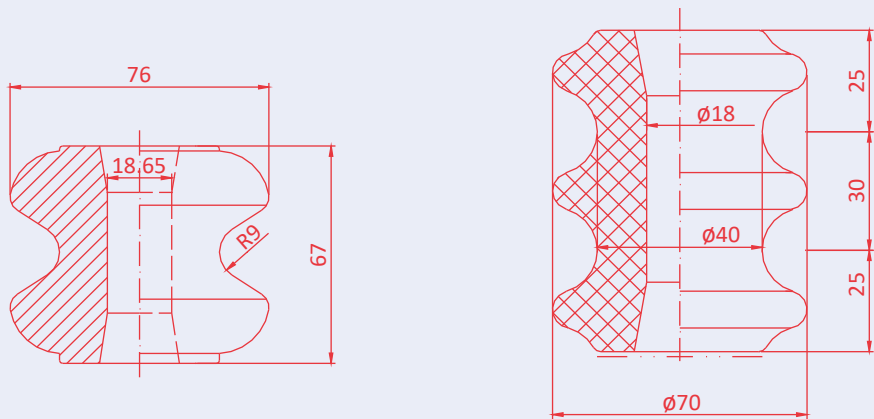
FIG NO.			1	2	3	4	5
ANSI Class			53-1	53-2	53-3	53-4	53-5
Transverse Strength/lb(KN)			2000 (89)	3000 (13.3)	4000 (17.8)	4500 (20)	6000 (26.7)
Average Flashover Voltage	Low-Freq. Dry/KV		20	25	25	25	35
	Low-Freq. Wet/KV	Vertical	8	12	12	12	18
		Horizontal	10	15	15	15	25
Net Weight/lb(kg)			0.48 (0.22)	1.2 (0.55)	1.2 (0.55)	2.2 (1.0)	2.6 (1.2)

NOTES: 1. In mechanical test, glaze chips or partial porcelain cracks should be allowed.

2. Hardware for these insulators are available upon request.

Standard Specification : ANSI C29.3

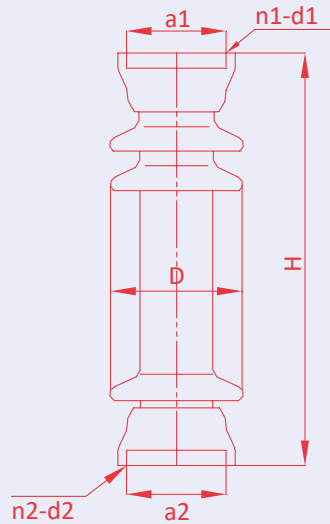
Non-Standard Spool Insulator (ANSI Standard Type)



STANDARD PARTICULARS :

FIG. NO.		1	2
Low frequency flashover - KV		20	25
Low frequency wet flashover	Vertical - KV	10	12
	Horizontal - KV	9	15
Transverse strength - KN		9.5	13.5
Weight (approx) - kg		0.4	0.4

Porcelain Station Post Insulators (IEC Standard Type)



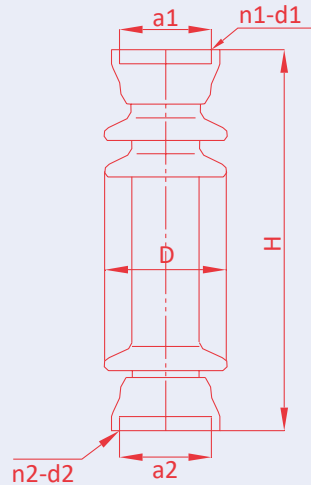
MAIN PARTICULARS :

IEC CLASS	NOMINAL VOLTAGE (KV)	CANTILEVER STRENGTH (KN)	TORSION STRENGTH KN.m	CREEPAGE DISTANCE MM	IMPULSE WITHSTAND VOLTAGE (KV)	POWER FREQ. DRY WITHSTAND VOLTAGE (KV)	POWER FREQ. WET WITHSTAND VOLTAGE (KV)	WEIGHT KG
C ₄ -75	10	4	-	230	75	40	28	6
C ₁₀ -15w	20	10	-	590	150	75	50	18
C ₈ -150	20	8	-	400	150	75	50	14.5
C ₁₆ -15w	20	16	-	550	150	75	50	20
C ₃₀ -15w	20	30	-	590	150	75	50	32
C ₃₀ -170	20	30	-	590	170	100	70	32.6
C ₆ -170	35	6	3	648	170	100	70	17
C ₈ -170	35	8	2	625	170	100	70	16
C ₄ -170	35	4	1.2	648	170	100	70	12

MAIN DIMENSIONS :

HIGH H	MAX DIA	DRY ARCING DISTANCE MM	SHED NUMBER	TOP PCD n ₁ -d ₁ -a ₁	LOW PCD n ₂ -d ₂ -a ₂
220	140	125	2	2-M8-36	4-M10-Φ55
210	140	123	2	2-M8-36	2-Φ12-Φ130
350	180	224	4	4-M12-Φ140	4-Φ18-Φ210
350	165	217	4	2-M12-76(M16)	4-Φ14-Φ180
350	190	218	5	4-M12-Φ140	4-Φ18-Φ210
450	205	222	5	4-M12-Φ140	4-Φ18-Φ250
450	205	272	5	4-M12-Φ140	4-Φ18-Φ225
420	165	308	7	4-M12-Φ140	4-M12-Φ140
420	165	306	6	4-M12-Φ140	4-Φ14-Φ210
420	150	300	7	4-Φ14-Φ140	4-Φ14-Φ140

Porcelain Station Post Insulators (IEC Standard Type) (Cont...)



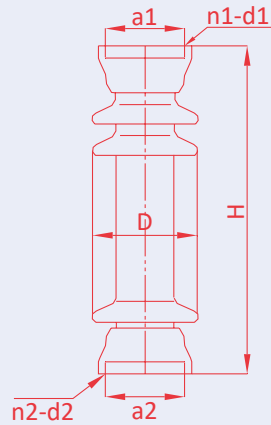
MAIN PARTICULARS :

IEC CLASS	NOMINAL VOLTAGE (KV)	CANTILEVER STRENGTH (KN)	TORSION STRENGTH KN.m	CREEPAGE DISTANCE MM	IMPULSE WITHSTAND VOLTAGE (KV)	POWER FREQ. DRY WITHSTAND VOLTAGE (KV)	POWER FREQ. WET WITHSTAND VOLTAGE (KV)	WEIGHT KG
C ₄ -170w	35	4	1.2	875	170	100	70	13
C ₄ -250w	35	4	1.8	1260	250	135	90	27
C ₆ -250	63	6	2	1160	250	135	90	38
C ₄ -325	63	4	2	1104	325	175	140	29
C _{12.5} -325	63	12.5	2	1104	325	175	140	61
C ₄ -325w	63	4	4	2010	325	175	140	50
C ₈ -325w	63	8	4	1308	325	175	140	55
C ₄ -170w	35	4	4	875	170	100	70	14
C ₄ -170w	35	4	4	875	170	100	70	13.5
C ₁₀ -25w	35	10	4	1260	250	135	90	31.4

MAIN DIMENSIONS :

HIGH H	MAX DIA	DRY ARCING DISTANCE MM	SHED NUMBER	TOP PCD n ₁ -d ₁ -a ₁	LOW PCD n ₂ -d ₂ -a ₂
445	150	345	10	4-Φ14-Φ140	4-Φ14-Φ140
560	235	405		4-M16-Φ127	4-Φ14-Φ180
710	180	565	11	4-M12-Φ140	4-Φ18-Φ225
760	170	627	10	4-M12-Φ140	4-Φ14-Φ180
840	230	628	9	4-M18-Φ210	8-Φ18-Φ250
850	235	705	15	4-M12-Φ140	4-Φ18-Φ225
850	235	705	12	4-M12-Φ140	4-Φ18-Φ225
445	150	350	10	4-M12-Φ140	4-Φ14-Φ180
445	150	351	10	4-M12-Φ140	4-M12-Φ140
560	245	405		4-M16-Φ127	4-Φ14-Φ180

Porcelain Station Post Insulators (IEC Standard Type) (Cont...)



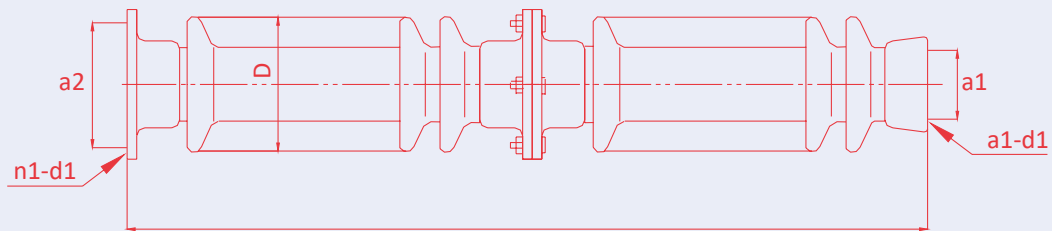
MAIN PARTICULARS :

C ₄ -550w	110	4	4	2016	550	300	230	52
C ₈ -550w	110	8	4	2830	550	300	230	87
C ₈ -550w	110	8	4	2830	550	300	230	85
C ₄ -550w	110	4	4	3025	550	300	230	70
C ₆ -450	110	6	6	2016	450	262	185	47
C ₆ -550w	110	6	6	3050	550	300	230	76
C ₆ -550w	110	6	10	3150	550	280	230	77
C ₁₀ -45w	110	10	10	3150	450	245	185	87
C ₂₀ -45w	110	20	10	3200	450	245	185	102
C ₄ -450	110	4	4	2016	450	245	185	44
C ₄ -650w	110	4	4	3906	650	375	275	72

MAIN DIMENSIONS :

HIGH H	MAX DIA	DRY ARCING DISTANCE MM	TOP PCD n ₁ -d ₁ -a ₁	LOW PCD n ₂ -d ₂ -a ₂
1200	170	1055	4-M12-Φ140	4-Φ18-Φ225
1200	250	1008	4-Φ18-Φ225	4-Φ18-Φ250
1200	250	1008	4-Φ18-Φ250	4-Φ18-Φ225
1200	245	1050	4-Φ14-Φ190	4-Φ18-Φ225
1060	195	917	4-M12-Φ140	8-Φ18-Φ225
1200	245	1038	4-M12-Φ140	4-Φ18-Φ225
1200	250	1023	4-M12-Φ140	4-Φ18-Φ225
1150	260	978	4-Φ18-Φ225	8-Φ18-Φ254
1150	285	953	8-Φ18-Φ254	8-Φ18-Φ254
1060	195	917	4-M12-Φ140	4-Φ18-Φ225
1400	255	1240	4-M12-Φ140	4-Φ18-Φ225

Porcelain Station Post Insulators (IEC Standard Type) (Cont...)



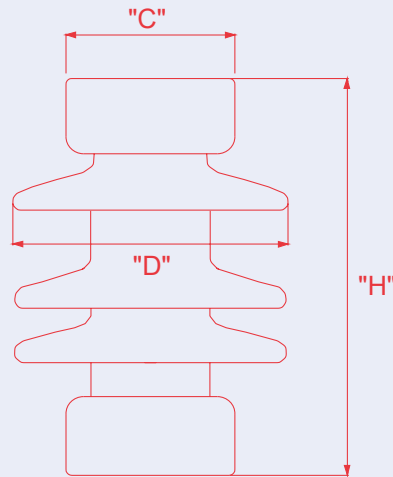
MAIN PARTICULARS :

IEC CLASS	NOMINAL VOLTAGE (KV)	CANTILEVER STRENGTH (KN)	TORSION STRENGTH KN.m	CREEPAGE DISTANCE MM	IMPULSE WITHSTAND VOLTAGE (KV)	WET SWITCHING IMPULSE FLASHOVER VOLTAGE (KV)	POWER FREQ. DRY WITHSTAND VOLTAGE (KV)	POWER FREQ. WET WITHSTAND VOLTAGE (KV)	WEIGHT KG
C ₄ -550w	230	6	6	6300	1050	850	525	460	164
C ₁₀ -850w	230	10	10	6300	1050	850	525	460	190
C ₈ -950w	230	8	8	7812	1175	950	525	510	227
C ₁₀ -950w	230	10	8	7812	1175	950	525	510	253
C ₁₆ -850w	230	16	10	6300	1050	850	525	460	224
C _{12.5} -85w	230	12.5	10	6300	1050	850	525	460	224
C ₁₀ -850w	230	10	10	6300	1050	850	525	460	201.3
C ₈ -850w	230	8	10	6300	1050	850	525	460	209
C ₄ -750w	230	4	4	3776	950	750	490	395	114
C ₄ -850w	230	4	4	5500	1050	850	525	460	146

MAIN DIMENSIONS :

HIGH H	MAX DIA	DRY ARCING DISTANCE MM	TOP PCD n ₁ -d ₁ -a ₁	LOW PCD n ₂ -d ₂ -a ₂
2350	260	2001	4-M12-Φ140	8-Φ18-Φ254
2300	285	1931	4-Φ18-Φ225	8-Φ18-Φ254
2650	285	2279	4-Φ18-Φ225	8-Φ18-Φ254
2650	310	2251	4-Φ18-Φ225	8-Φ18-Φ300
2300	310	1878	8-Φ18-Φ254	8-Φ18-Φ300
2300	310	1888	4-Φ18-Φ225	8-Φ18-Φ275
2400	290	2019	4-Φ18-Φ225	8-Φ18-Φ254
2300	295	1913	4-Φ18-Φ225	8-Φ18-Φ254
2120	230	1977	4-M12-Φ140	4-Φ18-Φ250
2300	245	1973	4-M12-Φ140	8-Φ18-Φ270

Porcelain Station Post Insulators (ANSI Standard Type)



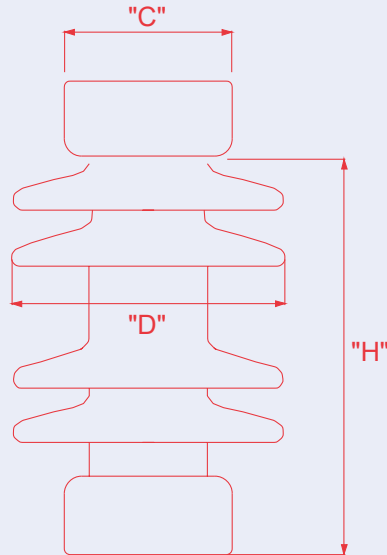
CHARACTERISTICS :

CAT. NO.		SSE0701095-01	SSE0701095-02	SSE0701095-03
ANSI Class		202	222	-
Basic Impulse Insulation Level (KV)		95	95	95
Usual Line Voltage (KV)		7.5	7.5	7.5
Leakage distance/in (mm)		10-1/2(267)	10-1/2(267)	10-1/2(267)
Cantilever Strength/lb (KN)		2000(8.9)	4000(17.8)	8000(35.6)
Tensile Strength/lb (KN)		7000(31.1)	15000(66.7)	28000(124.5)
Torsional Strength/in-lb (N.m)		6000 (678)	12000(1356)	40000(4520)
Compression Strength /lb (KN)		10000(44.5)	20000(89)	40000(177.9)
Critical Impulse Flashover Voltage, Positive (KV)		105	105	105
Withstand Voltage	Low Frequency, Wet/kV	30	30	30
	Impulse/KV	95	95	95
Radio-Influence Voltage Data	Test Voltage to Ground/kV	5	5	5
	Max. RIV at 1,000kHz/μV	50	50	50
Height-"H"/in(mm)		7-1/2(190)	10(254)	10(254)
Shed diameter/in(mm)		6-1/2(165)	5-15/16(151)	7-1/4(184)
Bolt circle diameter/in(mm)		3	5	5
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		15(6.7)	22(9.8)	33(14.7)

NOTES: 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.

2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)

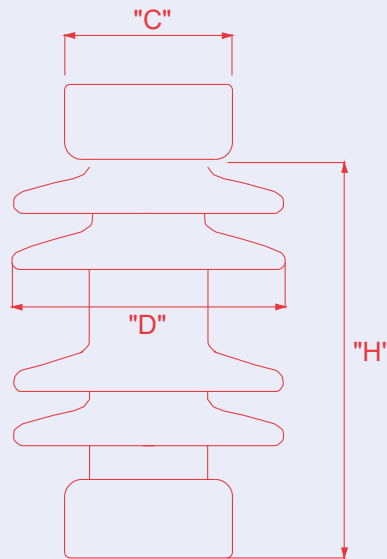


CHARACTERISTICS :

CAT. NO.		SSE0701110-01	SSE0701110-02	SSE0701110-03
ANSI Class		205	225	-
Basic Impulse Insulation Level (KV)		110	110	110
Usual Line Voltage (KV)		15	15	15
Leakage distance/in (mm)		15-1/2(394)	15-1/2(394)	15-1/2(394)
Cantilever Strength/lb (KN)		2000(8.9)	4000(17.8)	8000(35.6)
Tensile Strength/lb (KN)		8500(37.8)	20000(89)	28000(124.5)
Torsional Strength/in-lb (N.m)		7000 (791)	14000(1582)	40000(4520)
Compression Strength /lb (KN)		10000(44.5)	20000(89)	40000(177.9)
Critical Impulse Flashover Voltage, Positive (KV)		125	125	125
Withstand Voltage	Low Frequency, Wet/kV	45	45	45
	Impulse/KV	110	110	110
Radio-Influence Voltage Data	Test Voltage to Ground/kV	10	10	10
	Max. RIV at 1,000kHz/μV	50	50	50
Height-"H"/in(mm)		10(254)	12(305)	12(305)
Shed diameter/in(mm)		6-1/2(165)	8(203)	7-11/16(195)
Bolt circle diameter/in(mm)		3(76)	5(127)	5(127)
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		21(9.3)	43(19.1)	40(17.8)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)



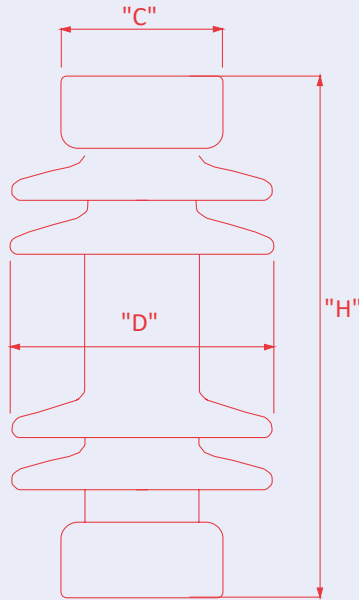
CHARACTERISTICS :

CAT. NO.		SSE0701150-01	SSE0701150-02	SSE0701150-03
ANSI Class		208	227	-
Basic Impulse Insulation Level (KV)		150	150	150
Usual Line Voltage (KV)		23	23	23
Leakage distance/in (mm)		24(610)	24(610)	24(610)
Cantilever Strength/lb (KN)		2000(8.9)	4000(17.8)	8000(35.6)
Tensile Strength/lb (KN)		10000(44.5)	20000(89)	28000(124.5)
Torsional Strength/in-lb (N.m)		8000 (35.6)	16000(71.1)	40000(177.9)
Compression Strength /lb (KN)		10000(44.5)	20000(89)	40000(177.9)
Critical Impulse Flashover Voltage, Positive (KV)		170	170	170
Withstand Voltage	Low Frequency, Wet/kV	60	60	60
	Impulse/KV	150	150	150
Radio-Influence Voltage Data	Test Voltage to Ground/kV	15	15	15
	Max. RIV at 1,000kHz/μV	100	100	100
Height-"H"/in(mm)		14(356)	15(381)	15(381)
Shed diameter/in(mm)		6-1/2(165)	9(229)	8-1/4(216)
Bolt circle diameter/in(mm)		3(76)	5(127)	5(127)
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		26(11.6)	58(25.8)	54(24.0)

NOTES: 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.

2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)

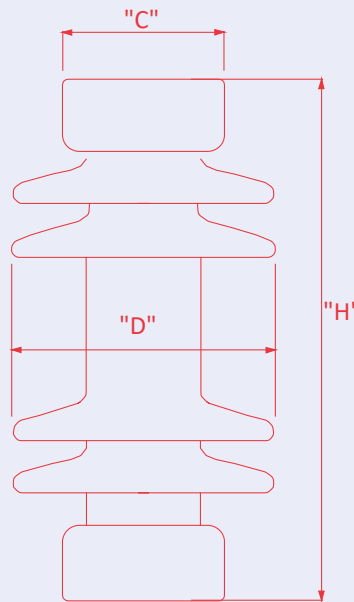


CHARACTERISTICS :

CAT. NO.		SSE0701200-01	SSE0701200-02	SSE0701200-03
ANSI Class		210	231	-
Basic Impulse Insulation Level (KV)		200	200	200
Usual Line Voltage(KV)		34.5	34.5	34.5
Leakage distance/in(mm)		37(940)	37(940)	37(940)
Cantilever Strength/lb (KN)		2000(8.9)	4000(17.8)	8000(35.6)
Tensile Strength/lb (KN)		12000(53.4)	25000(111.2)	28000(124.5)
Torsional Strength/in-lb (N.m)		10000 (44.5)	20000(89)	40000(177.9)
Compression Strength /lb (KN)		15000(66.7)	30000(133.4)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		225	225	225
Withstand Voltage	Low Frequency, Wet/kV	80	80	80
	Impulse/KV	200	200	200
Radio-Influence Voltage Data	Test Voltage to Ground/kV	22	22	22
	Max. RIV at 1,000kHz/μV	100	100	100
Height-"H"/in(mm)		18(457)	20(508)	20(508)
Shed diameter/in(mm)		6-7/16(164)	9(229)	8-7/8(225)
Bolt circle diameter/in(mm)		3(76)	5(127)	5(127)
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		32(14.2)	75(33.4)	80(35.6)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)

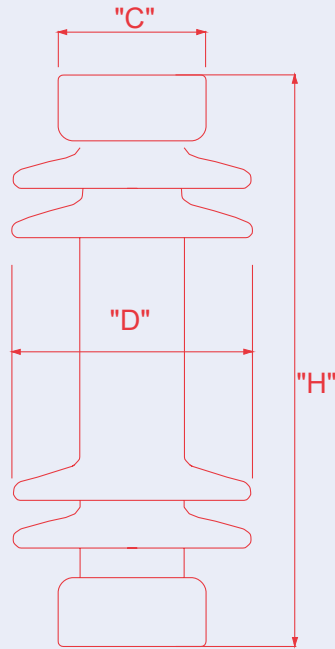


CHARACTERISTICS :

CAT. NO.		SSE0701250-01	SSE0701250-02	SSE0701250-03
ANSI Class		214	267	-
Basic Impulse Insulation Level (KV)		250	250	250
Usual Line Voltage(KV)		46	46	46
Leakage distance/in(mm)		43(1092)	43(1092)	43(1092)
Cantilever Strength/lb (KN)		2000(8.9)	4000(17.8)	7000(31.1)
Tensile Strength/lb (KN)		14000(62.3)	25000(111.2)	28000(124.5)
Torsional Strength/in-lb (N.m)		12000 (53.4)	20000(89)	40000(177.9)
Compression Strength /lb (KN)		15000(66.7)	60000(266.9)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		280	280	280
Withstand Voltage	Low Frequency, Wet/kV	100	100	100
	Impulse/KV	250	250	250
Radio-Influence Voltage Data	Test Voltage to Ground/kV	30	30	30
	Max. RIV at 1,000kHz/μV	200	200	200
Height-"H"/in(mm)		22(559)	24(610)	24(610)
Shed diameter/in(mm)		7-1/4(184)	9(229)	8-7/8(225)
Bolt circle diameter/in(mm)		3(76)	5(127)	5(127)
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		41(18.2)	85(37.8)	87(38.7)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)



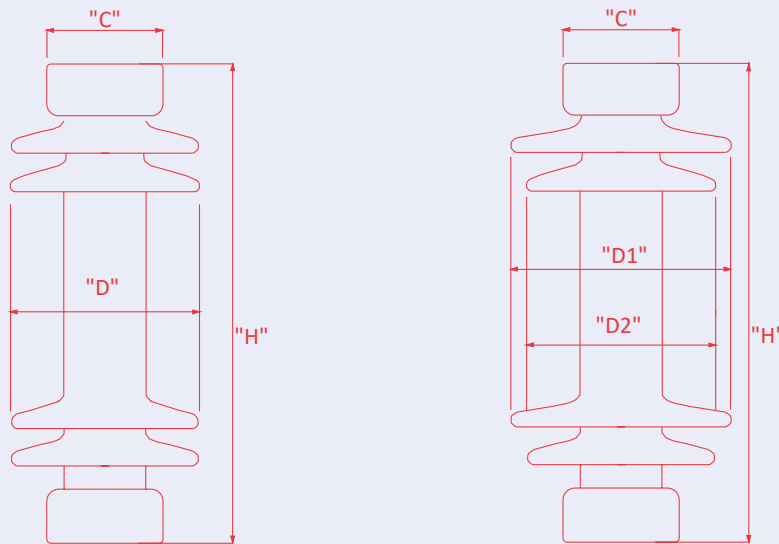
CHARACTERISTICS :

CAT. NO.		SSE0701350-01	SSE0701350-02	SSE0701350-03
ANSI Class		216	278	-
Basic Impulse Insulation Level (KV)		350	350	350
Usual Line Voltage(KV)		69	69	69
Leakage distance/in(mm)		72(1829)	72(1829)	72(1829)
Cantilever Strength/lb (KN)		1500(6.7)	3000(13.3)	5000(22.2)
Tensile Strength/lb (KN)		16000(71.2)	25000(111.2)	28000(124.5)
Torsional Strength/in-lb (N.m)		15000 (66.7)	40000(177.9)	40000(177.9)
Compression Strength /lb (KN)		25000(111.2)	60000(266.9)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		390	390	390
Withstand Voltage	Low Frequency, Wet/kV	145	145	145
	Impulse/KV	350	350	350
Radio-Influence Voltage Data	Test Voltage to Ground/kV	44	44	44
	Max. RIV at 1,000kHz/μV	200	200	200
Height-"H"/in(mm)		30(762)	30(762)	32(813)
Shed diameter/in(mm)		7-3/4(197)	9-3/4(248)	12-7/8(327)
Bolt circle diameter/in(mm)		3(76)	5(127)	5(127)
(4)Tapped holes, size/in		1/2-13	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		4-1/4(108)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		74(32.9)	110(48.9)	204(92.6)

NOTES: 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.

2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)

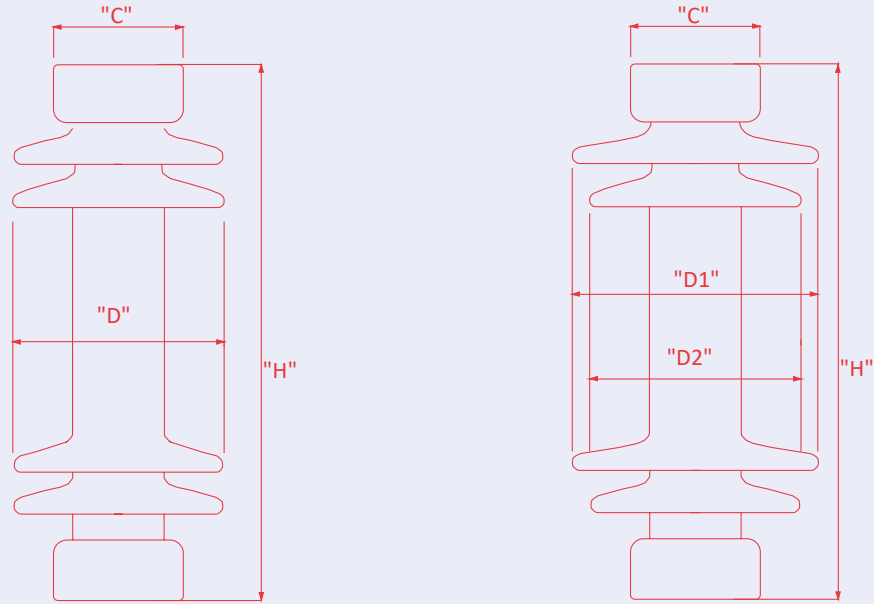


CHARACTERISTICS :

CAT. NO.		SSE0701550-01	SSE0701550-02	SSE0701550-03
ANSI Class		286	287	-
Basic Impulse Insulation Level (KV)		550	550	550
Usual Line Voltage(KV)		115	115	115
Leakage distance/in(mm)		99(2515)	99(2515)	125(3175)
Cantilever Strength/lb (KN)		1700(7.6)	2600(11.6)	1700(7.6)
Tensile Strength/lb (KN)		20000(89)	25000(111.2)	20000(89)
Torsional Strength/in-lb (N.m)		40000(177.9)	90000(400.3)	40000(177.9)
Compression Strength /lb (KN)		60000(266.9)	75000(333.6)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		610	610	610
Withstand Voltage	Low Frequency, Wet/kV	230	230	230
	Impulse/KV	550	550	550
Radio-Influence Voltage Data	Test Voltage to Ground/kV	73	73	73
	Max. RIV at 1,000kHz/μV	200	200	200
Height-"H"/in(mm)		45(1143)	45(1143)	45(1143)
Shed diameter/in(mm)		8-3/4(222)	8-7/8(225)	D1=9-1/4(235) D2=7-11/16(195)
Bolt circle diameter/in(mm)		5(127)	5(127)	5(127)
(4)Tapped holes, size/in		5/8-11	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		6-1/4(159)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		142(63.2)	165(73.4)	154(68.5)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)



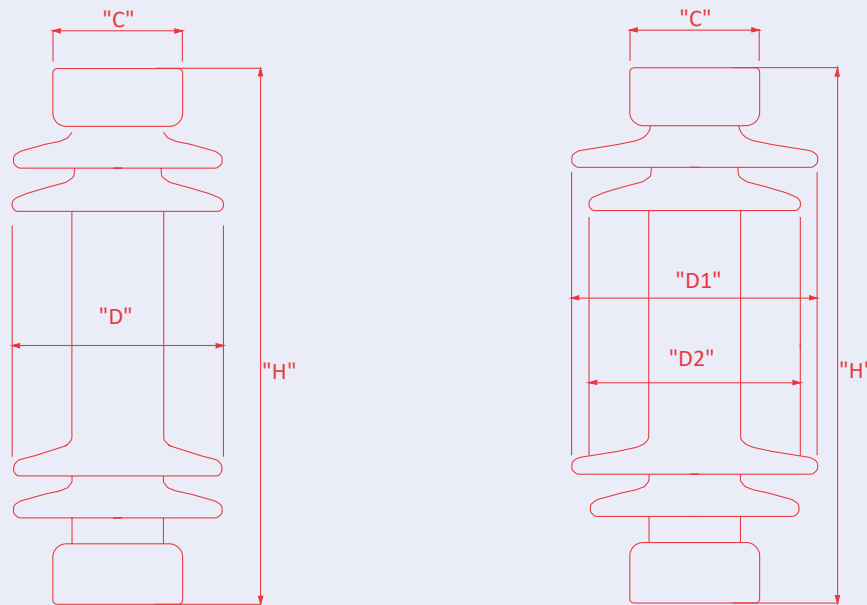
CHARACTERISTICS :

CAT. NO.		SSE0701650-01	SSE0701650-02	SSE0701650-03
ANSI Class		288	289	-
Basic Impulse Insulation Level (KV)		650	650	650
Usual Line Voltage(KV)		116	116	116
Leakage distance/in(mm)		116(2946)	116(2946)	155(3937)
Cantilever Strength/lb (KN)		1450(6.4)	2200(9.8)	1450(6.4)
Tensile Strength/lb (KN)		20000(89)	25000(111.2)	20000(89)
Torsional Strength/in-lb (N.m)		60000 (266.9)	90000(400.3)	60000(266.9)
Compression Strength /lb (KN)		60000(266.9)	75000(333.6)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		710	710	710
Withstand Voltage	Low Frequency, Wet/kV	275	275	275
	Impulse/KV	650	650	650
Radio-Influence Voltage Data	Test Voltage to Ground/kV	88	88	88
	Max. RIV at 1,000kHz/μV	200	200	200
Height-"H"/in(mm)		54(1372)	54(1372)	54(1372)
Shed diameter/in(mm)		8-13/16(224)	10(254)	D1=9-1/4(235) D2=7-11/16(195)
Bolt circle diameter/in(mm)		5(127)	5(127)	5(127)
(4)Tapped holes, size/in		5/8-11	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		6-1/4(159)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		160(71.2)	225(100)	170(75.6)

NOTES: 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.

2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)

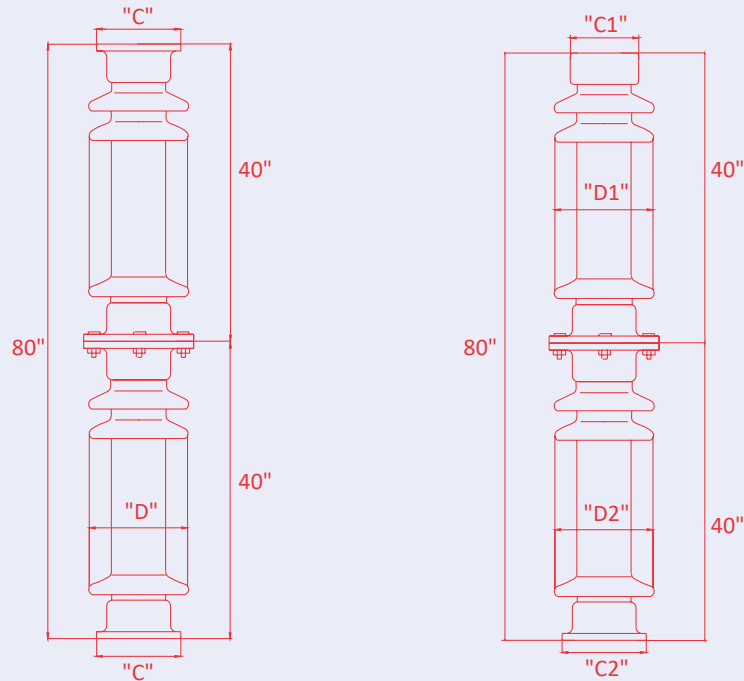


CHARACTERISTICS :

CAT. NO.		SSE0701750-01	SSE0701750-02	SSE0701750-03
ANSI Class		291	295	-
Basic Impulse Insulation Level (KV)		750	750	750
Usual Line Voltage(KV)		161	161	161
Leakage distance/in(mm)		132(3353)	132(3353)	180(4572)
Cantilever Strength/lb (KN)		1200(5.3)	1850(8.2)	1200(5.3)
Tensile Strength/lb (KN)		20000(89)	25000(111.2)	20000(89)
Torsional Strength/in-lb (N.m)		60000 (266.9)	90000(400.3)	60000(266.9)
Compression Strength /lb (KN)		60000(266.9)	75000(333.6)	60000(266.9)
Critical Impulse Flashover Voltage, Positive (KV)		810	810	810
Withstand Voltage	Low Frequency, Wet/kV	315	315	315
	Impulse/KV	750	750	750
Radio-Influence Voltage Data	Test Voltage to Ground/kV	103	103	103
	Max. RIV at 1,000kHz/μV	500	500	500
Height-"H"/in(mm)		62(1575)	62(1575)	62(1575)
Shed diameter/in(mm)		8-13/16(224)	10(254)	D1=9-1/4(235) D2=7-11/16(195)
Bolt circle diameter/in(mm)		5(127)	5(127)	5(127)
(4)Tapped holes, size/in		5/8-11	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		6-1/4(159)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		170(75.6)	235(104.5)	195(86.7)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type) (Cont...)



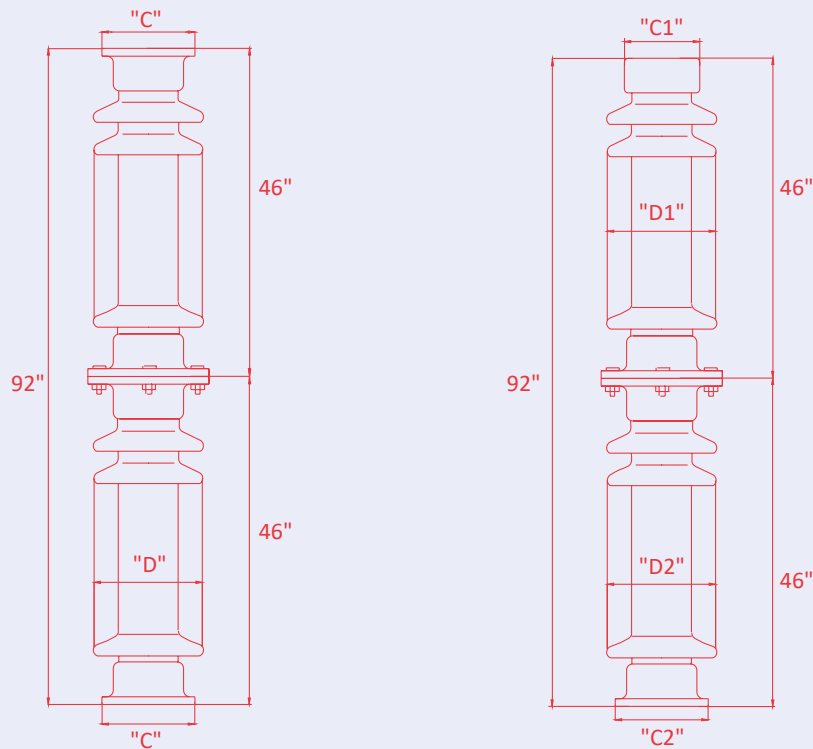
CHARACTERISTICS :

CAT. NO.		SSE0701900-01	SSE0701900-02	SSE0701900-03
ANSI Class		304	308	308
Basic Impulse Insulation Level (KV)		900	900	900
Usual Line Voltage(KV)		230	230	230
Leakage distance/in(mm)		165(4191)	165(4191)	165(4191)
Cantilever Strength/lb (KN)		950(4.2)	1450(6.4)	1450(6.4)
Tensile Strength/lb (KN)		20000(89)	25000(111.2)	25000(111.2)
Torsional Strength/in-lb (N.m)		60000 (266.9)	90000(400.3)	90000(400.3)
Compression Strength /lb (KN)		60000(266.9)	90000(400.3)	75000(333.6)
Critical Impulse Flashover Voltage, Positive (KV)		1010	1010	1010
Withstand Voltage	Low Frequency, Wet/kV	385	385	385
	Impulse/KV	900	900	900
Radio-Influence Voltage Data	Test Voltage to Ground/kV	146	146	146
	Max. RIV at 1,000kHz/μV	500	500	500
Shed diameter/in(mm)		9-1/2(241)	10-1/8(257)	D1=9-1/2(241) D2=10-1/8(257)
Bolt circle diameter/in(mm)		5(127)	5(127)	5(127)
(4)Tapped holes, size/in		5/8-11	5/8-11	5/8-11
Cap diameter-"C"/in (mm)		6-1/4(159)	6-1/4(159)	6-1/4(159)
Net weight/lb(kg)		310(137.9)	375(166.8)	268(121.6)

NOTES: 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.

2. Light gray, chocolate brown or semi-conducting glaze is available.

Porcelain Station Post Insulators (ANSI Standard Type)



CHARACTERISTICS :

CAT. NO.		SSE07011050-01	SSE07011050-02	SSE07011050-03
ANSI Class		312	316	362
Basic Impulse Insulation Level (KV)		1050	1050	1050
Usual Line Voltage(KV)		230	230	230
Leakage distance/in(mm)		198(5029)	198(5029)	198(5029)
Cantilever Strength/lb (KN)		800(3.6)	1250(5.6)	2300(10.2)
Tensile Strength/lb (KN)		20000(89)	25000(111.2)	40000(177.9)
Torsional Strength/in-lb (N.m)		60000 (266.9)	90000(400.3)	20000(533.8)
Compression Strength /lb (KN)		40000(177.9)	75000(333.6)	100000(444.8)
Critical Impulse Flashover Voltage, Positive (KV)		1210	1210	1210
Withstand Voltage	Low Frequency, Wet/kV	455	455	455
	Impulse/KV	1050	1050	1050
Radio-Influence Voltage Data	Test Voltage to Ground/kV	146	146	146
	Max. RIV at 1,000kHz/μV	500	500	500
Shed diameter/in(mm)		9-7/8(251)	10-1/2(267)	10-7/8(276)
Bolt circle diameter/in(mm)		5(127)	5(127)	7(178)
(4)Tapped holes, size/in		5/8-11	5/8-11	3/4-11
Cap diameter-"C"/in (mm)		6-1/4(159)	6-1/4(159)	8-3/8(293)
Net weight/lb(kg)		265(117.9)	341(151.7)	424(188.6)

- NOTES:** 1. These units are not furnished with mounting bolts. State size at the time of inquiry if mounting bolts are required.
2. Light gray, chocolate brown or semi-conducting glaze is available.

Strain Insulators (ANSI Standard Type)

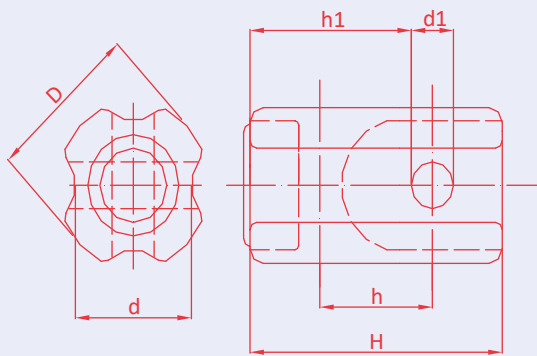


FIG.1

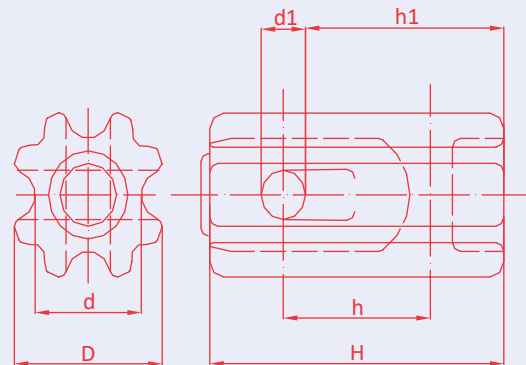


FIG.2

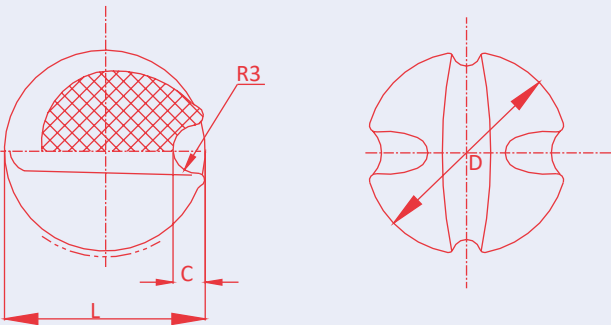
STANDARD PARTICULARS :

FIG. NO.		1			2
ANSI Class		54-1	54-2	54-3	54-4
Nominal System Voltage/KV		2.2	4.4	6.6	6.6
Main Dimensions/in	H	3-1/2	4-1/4	5-1/2	6-3/4
	h	1-3/4	2-1/4	3-1/8	2-5/8
	h1	2-1/2Max	3 Max	4-1/16	4-1/2
	D	5/8	2-7/8	3-3/8	3-1/2
	d	1-3/4	2-1/8	2-3/8	2-3/8
	d1	2-1/2	7/8	1	1
Tension Strength/lb(KN)		10,000(44)	12,000(53)	20,000(89)	20,000(89)
Average Flashover Voltage/KV	Low-frequency (Dry)	25	30	35	40
	Low-frequency (Wet)	12	15	18	23
Leakage Distance/in(mm)		1-5/8(41)	1-7/8(48)	2-1/4(57)	3(76)
Net Weight/lb(kg)		0.76(0.35)	1.5(0.68)	2.9(1.3)	4.1(1.9)

NOTE: In tension test, two loops of suitable wire ropes are used and glaze chips or partial porcelain cracks should be allowed.

Standard Specification : ANSI C29.4

High Voltage Egg Type Strain Insulator (ANSI Standard Type)



STANDARD PARTICULARS :

CAT. NO.		SSEDJ-1	SSEDJ-2	SSEDJ-3	SSEDJ-4	SSEDJ-5	SSEDJ-6	SSEDJ-7
Dimensions-mm	D	62	79	98	116	144	168	184
	L	65	81	104	122	150	174	194
	C	11	14	17	20	28	34	38
	R	7	9	10	12	16	21	24
Testing Voltage-KV		5	5	5	10	15	15	20
Transverse strength-kg		3000	4500	6500	9000	13000	24000	30000
Weight (approx)-kg		0.25	0.25	1.05	1.70	3.30	4.70	6.50

Brown glazed.

Strain Insulators (AS Standard Type)

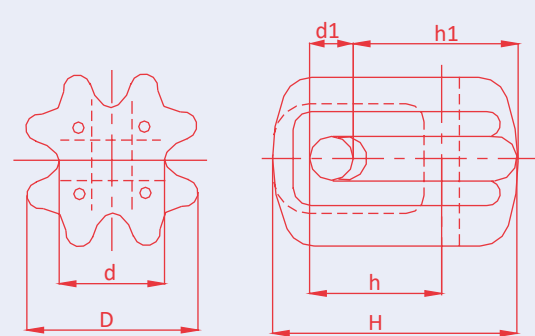


FIG.1

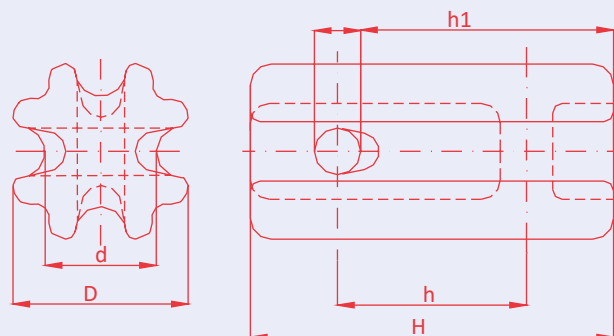


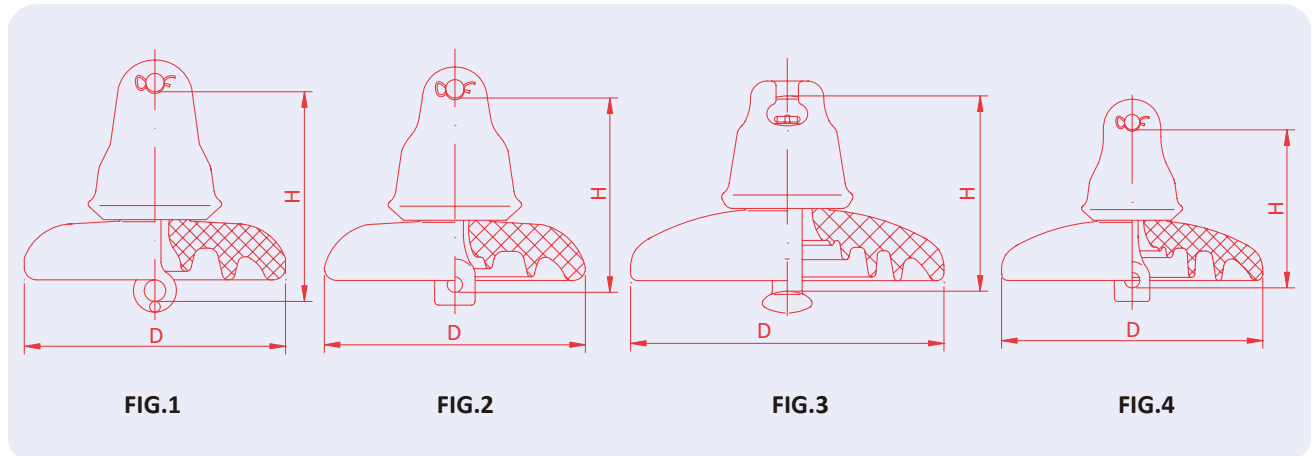
FIG.2

STANDARD PARTICULARS :

FIG. NO.		1	2	2	2
Class		GY1	GY2	GY3	GY4
Dimensions, mm	H	90	146	216	280
	h	48	73	89	89
	h1	60	99	133	165
	D	68	73	115	115
	d	40	44	67	67
	d1	16	22	38	38
Power Frequency Withstand Voltage (Wet), KV		10	15	20	30
Tension Failing Load, KN		27	71	222	222
Net Weight, Each, Approx., kg		0.6	1.1	4.3	5.7

Standard Specification : AS 3609

Disc Suspension Porcelain Insulators (ANSI)



CAT. NO.		SSE0101044	SSE0101087	SSE0101067-1	SSE0101087-2	SSE0101111
Class		52-1	52-2	52-3	52-4	52-5
Fig. No.		1	2	3	4	3
Unit Spacing (H)-mm		140	146	146	146	146
Nominal Diameter (D)-mm		160	200	255	255	255
Leakage Distance-mm		178	210	292	292	279
Dry Arcing Distance-mm		114	154	197	197	197
Combined E & M Strength-KN		44	67	67	67	111
Tension Proof Test load-KN		22	33.5	33.5	33.5	55.5
Mechanical Impact Strength-N.m		5.0	5.5	6	6	7
Time Load Test Value-KN		26	40	44.5	44.5	67
Power Frequency Flashover	Wet-KV	30	35	50	50	50
	Dry-KV	60	65	80	80	80
Critical Impulse Flashover Voltage	Positive-KV	100	115	125	125	125
	Negative-KV	100	115	130	130	130
Low Frequency Puncture Voltage-KV		80	90	110	110	110
Radio Interference voltage	Test Voltage to Ground-KV	7.5	7.5	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		2.5	3.6	4.6	4.9	5.6

Disc Suspension Porcelain Insulators

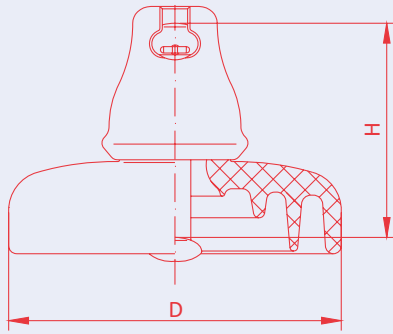


FIG.1

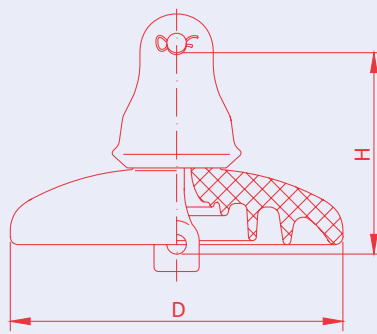


FIG.2

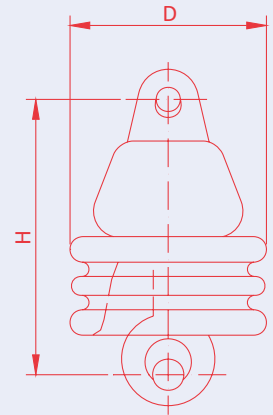


FIG.3

CAT. NO.		SSE0101111-1	SSE0101160	SSE0101160-1	SSE0101044-1
Class		52-6	52-8	52-10	52-9-A
Flg.No.		2	1	2	3
Unit Spacing (H)-mm		146	146	146	159
Nominal Diameter (D)-mm		255	255	255	108
Leakage Distance-mm		279	279	279	171
Dry Arcing Distance-mm		197	197	197	--
Combined E & M Strength-KN		111	160	160	44
Tension Proof Test load-KN		55.5	80	80	22
Mechanical Impact Strength-N.m		7.0	10	10	5.0
Time Load Test Value-KN		67	96	96	26
Power Frequency Flashover	Wet-KV	50	50	50	30
	Dry-KV	80	80	80	60
Critical Impulse Flashover Voltage	Positive-KV	125	125	125	90
	Negative-KV	130	130	130	100
Low Frequency Puncture Voltage-KV		110	110	110	80
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	7.5
	Max. RIV at 1MHz-uV	50	50	50	50
Weight-kg		5.6	6.7	6.7	2.5

Disc Suspension Porcelain Insulators (Cont...)

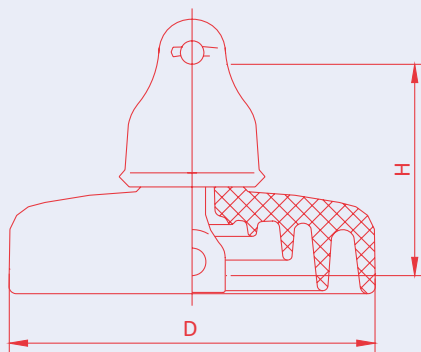


FIG.1

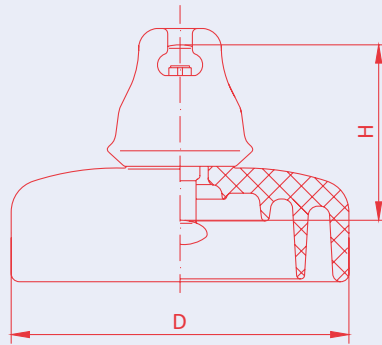


FIG.2

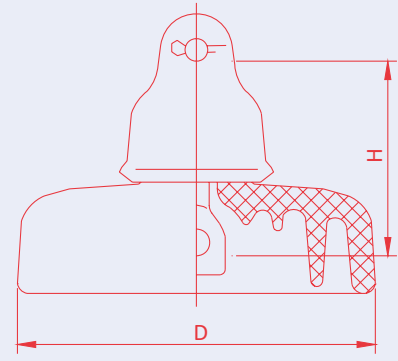
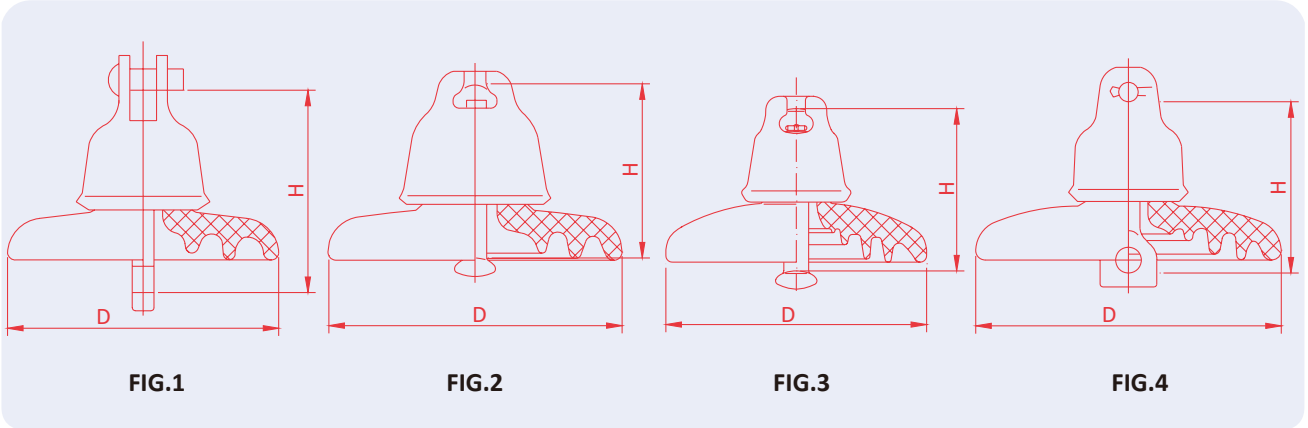


FIG.3

CAT. NO.		SSE0101089	SSE0101089-1	SSE0101133	SSE0101133-1	SSE0101160	SSE0101160-1
Class		52-3	52-4	52-5	52-6	52-8	52-10
Fig. No.		2	1	2	3	2	3
Unit Spacing (H)-mm		146	146	146	146	159	165
Nominal Diameter (D)-mm		255	255	255	255	255	255
Leakage Distance-mm		432	432	432	432	432	432
Dry Arcing Distance-mm		229	203	216	203	216	203
Combined E & M Strength-KN		89	89	133	133	160	160
Tension Proof Test load-KN		44.5	44.5	67	67	80	80
Mechanical Impact Strength-N.m		10	10	10	10	10	10
Time Load Test Value-KN		53	53	80	80	107	107
Power Frequency Flashover	Wet-KV	50	50	50	50	50	50
	Dry-KV	80	80	80	80	80	80
Critical Impulse Flashover Voltage	Positive-KV	125	125	125	125	125	125
	Negative-KV	130	130	130	130	130	130
Low Frequency Puncture Voltage-KV		120	120	120	120	120	120
Radio Interference voltage	Test Volt age to Ground-KV	10	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50	50
Weight-kg		6.2	6.2	7.3	6.8	8.6	9.1

Normal Type Disc Suspension Porcelain Insulators (IEC)



CAT. NO.		SSE0104040C	SSE0104040B	SSE0104070BL	SSE0104070C	SSE0104070BS	SSE0104070-09
Class		U40C	U40B	U70BL	U70C	U70BS	U70BL
Fig. No.		1	2	3	4	3	3
Unit Spacing (H)-mm		140	110	146	146	127	146
Nominal Diameter (D)-mm		190	175	255	255	255	255
Coupling size		--	11	16A/B	16C	16A	16A/16B
Nominal Creepage Distance-mm		200	185	295	295	295	320
Rated E & M Failing Load-KN		40	40	70	70	70	70
Routine Tensile Load-KN		20	20	35	35	35	35
Impact Strength-N.m		5	5	6	6	6	6
Power Frequency Withstand	Wet-KV	30	30	40	40	40	40
	Dry-KV	55	55	70	70	70	70
Dry Lighting Impulse Withstand Voltage-KV		75	75	110	110	110	110
Power Frequency Puncture Voltage-KV		90	90	110	110	110	110
Radio Interference voltage	Test Voltage to Ground-KV	7.5	7.5	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50	50
Weight-kg		2.5	2.4	4.8	4.7	4.7	5.0

Normal Type Disc Suspension Porcelain Insulators

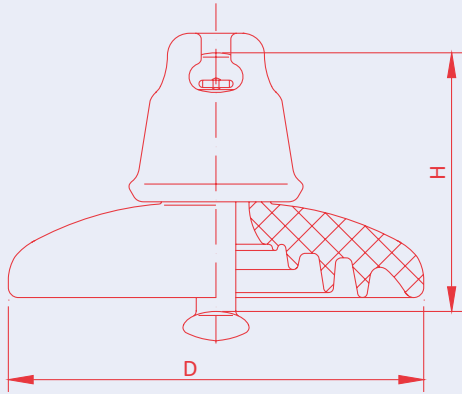


FIG.1

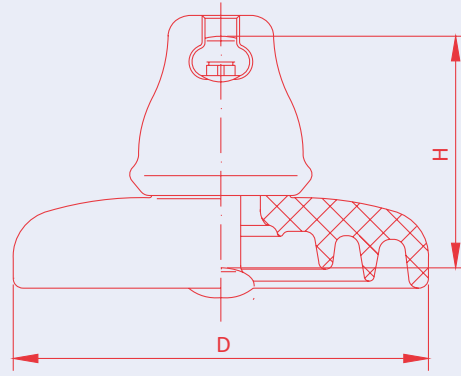


FIG.2

CAT. NO.		SSE0104080BL	SSE0104080BS	SSE0104100BL	SSE0104100BL-1	SSE0104120B
Class		U80BL	U80BS	U100BL	U100BL	U120B
Fig. No.		1	1	2	2	2
Unit Spacing (H) - mm		146	140	146	146	146
Nominal Diameter (D) -mm		255	255	255	280	255
Coupling size		16A/B	16A/B	16A/B	16A/B	16A/B
Nominal Creepage Distance-mm		295	295	295	340	320
Rated E & M Failing Load-KN		80	80	100	100	120
Routine Tensile Load-KN		40	40	50	50	60
Impact Strength-N.m		6	6	7	7	7
Power Frequency Withstand	Wet-KV	40	40	40	40	40
	Dry-KV	70	70	70	70	70
Dry Lighting Impulse Withstand Voltage-KV		110	110	110	110	110
Power Frequency Puncture Voltage-KV		110	110	110	110	110
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		5.4	5.2	5.7	6.2	5.8

Normal Type Disc Suspension Porcelain Insulators (Cont...)

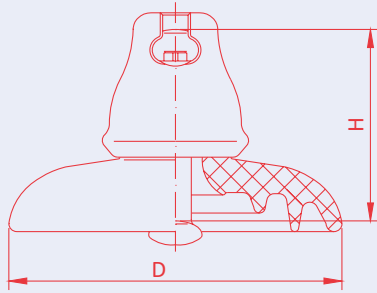


FIG.1

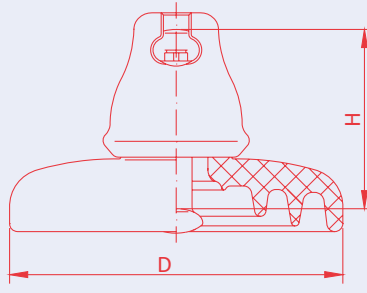


FIG.2

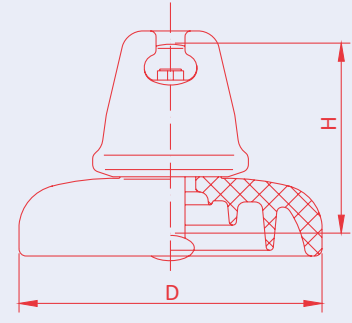


FIG.3

CAT. NO.		SSE0104160BL	SSE0104160BS	SSE0104160BS-1	SSE0104160BL-1	SSE0104160BL-2
Class		U160BL	U160BS	U160BS	U160BL	U160BL
Fig. No.		1	1	1	2	3
Unit Spacing (H) -mm		255	255	280	300	255
Coupling size		20	20	20	20	20
Nominal Creepage Distance-mm		305	320	315	400	390
Rated E& M Failing Load-KN		160	160	160	160	160
Routine Tensile Load-KN		80	80	80	80	80
Impact Strength -N.m		10	10	10	10	10
Power Frequency Withstand	Wet-KV	40	40	45	45	40
	Dry-KV	70	70	75	75	70
Dry Lighting Impulse Withstand Voltage-KV		110	110	110	110	110
Power Frequency Puncture Voltage-KV		110	110	110	110	110
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		7.0	7.2	7.6	8.3	7.6

FOG Type Disc Suspension Porcelain Insulators

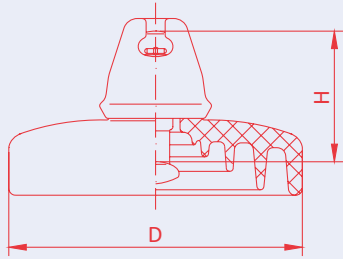


FIG.1

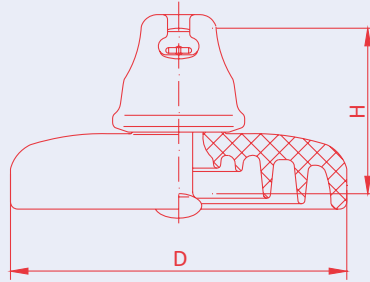


FIG.2

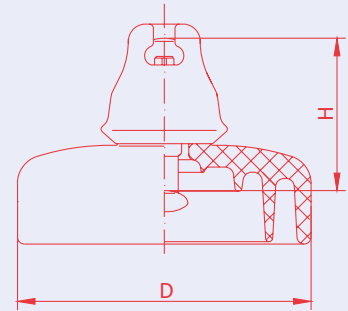


FIG.3

CAT. NO.		SSE0104070BLP	SSE0104070BLP-1	SSE0104080BLP	SSE0104100BLP	SSE0104100BLP-1
Class		U70BLP	U70BLP	U80BLP	U100BLP	U100BLP
Fig. No.		1	2	1	3	3
Unit Spacing (H)-mm		146	146	146	146	146
Nominal Diameter (D)-mm		255	280	255	255	255
Coupling size		16A/B	16A/B	16A/B	16A	16A
Nominal Creepage Distance-mm		432	440	432	432	440
Rated E&M Failing Load-KN		70	70	80	100	100
Routine Tensile Load-KN		35	35	40	50	50
Impact Strength-N.m		6	6	6	7	7
Power Frequency Withstand	Wet-KV	42	42	42	42	45
	Dry-KV	80	80	80	80	80
Dry Lighting Impulse Withstand Voltage-KV		120	120	120	120	120
Power Frequency Puncture Voltage-KV		120	120	120	120	120
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		6.5	6.7	6.6	7.9	7.6

FOG Type Disc Suspension Porcelain Insulators (Cont...)

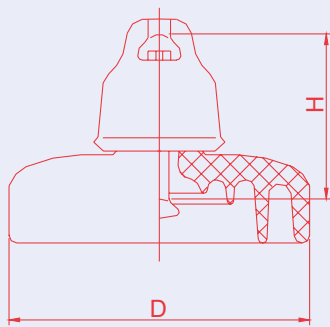


FIG.1

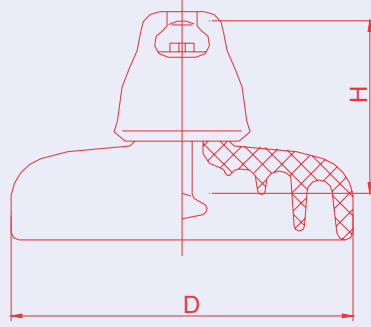


FIG.2

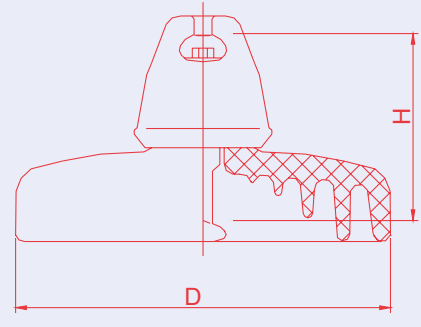


FIG.3

CAT. NO.		SSE0104120BP	SSE0104120BP-1	SSE0104160BP	SSE0104160BSP	SSE0104160BLP
Class		U120BP	U120BP	U160BO	U160BSP	U160BLP
Fig. No.		1	1	2	2	3
Unit Spacing (H)-mm		146	146	155	146	170
Nominal Diameter (D)-mm		255	280	300	330	320
Coupling size		16A	16A	20	20	20
Nominal Creepage Distance-mm		432	440	450	440	525
Rated E&M Failing Load-KN		120	120	160	160	160
Routine Tensile Load-KN		60	60	80	80	80
Impact Strength-N.m		10	10	10	10	10
Power Frequency Withstand	Wet-KV	42	42	45	45	45
	Dry-KV	80	80	80	80	90
Dry Lighting Impulse Withstand Voltage-KV		120	120	120	120	135
Power Frequency Puncture Voltage-KV		120	120	130	130	130
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		7.9	7.6	10.3	10.4	11.5

Anti-pollution Suspension Porcelain Insulators (DOUBLE-SHED)

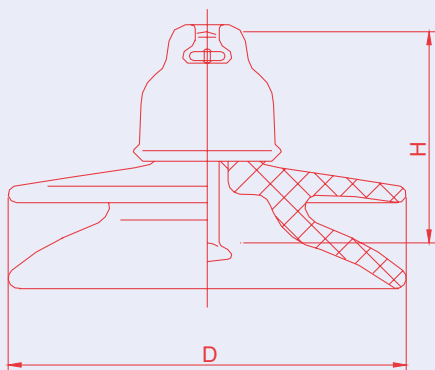


FIG.1

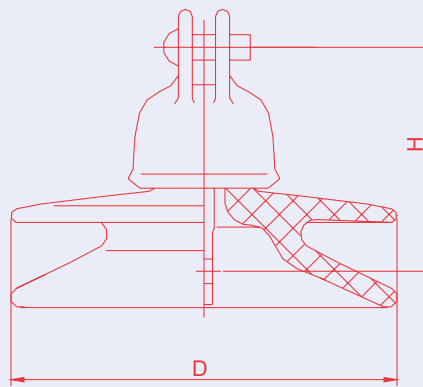
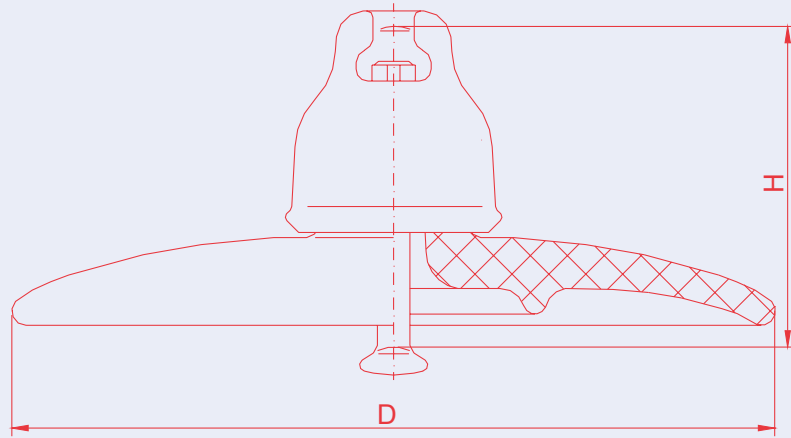


FIG.2

CAT. NO.		SSE010470BPW	SSE010470CW	SSE010470BPW-1	SSE0104100BPW	SSE0104120BPW	SSE0104160BPW
Class		U70BP	U70C	U70BP	U100BP	U120BP	U160BP
Fig. No.		1	2	1	1	1	1
Unit Spacing (H)-mm		146	146	146	160	146	155
Nominal Diameter (D)-mm		255	255	280	280	280	300
Coupling size		16	16C	16	16A/B	16A	20
Nominal Creepage Distance-mm		400	400	450	450	450	450
Rated E&M Failing Load-KN		70	70	70	100	120	160
Routine Tensile Load-KN		35	35	35	50	60	80
Power Frequency Withstand	Wet-KV	42	42	45	45	45	45
	Dry-KV	80	80	80	80	80	80
Dry Lighting Impulse Withstand Voltage-KV		120	120	120	120	120	120
Power Frequency Puncture Voltage-KV		120	120	120	120	120	120
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50	50
Weight-kg		5.9	5.9	7.0	8.4	8.1	9.4

Aerodynamic Suspension Porcelain Insulator



CAT. NO.		SSE0104070M	SSE0104080M	SSE0104100M	SSE0104120M	SSE0104160M
Unit Spacing (H)-mm		146	146	146	146	155
Nominal Diameter (D)-mm		350	330	360	360	360
Coupling size		16	16	16	16	20
Nominal Creepage Distance-mm		300	305	300	300	300
Rated E&M Failing Load-KN		70	80	100	120	160
Routine Tensile Load-KN		35	40	50	60	80
Power Frequency Withstand	Wet-KV	40	40	40	40	40
	Dry-KV	70	70	70	70	70
Dry Lighting Impulse Withstand Voltage-KV		105	95	105	105	105
Power Frequency Puncture Voltage-KV		120	120	120	120	120
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		6.0	5.7	7.2	7.2	8.1

Normal Type Disc Suspension Porcelain Insulators

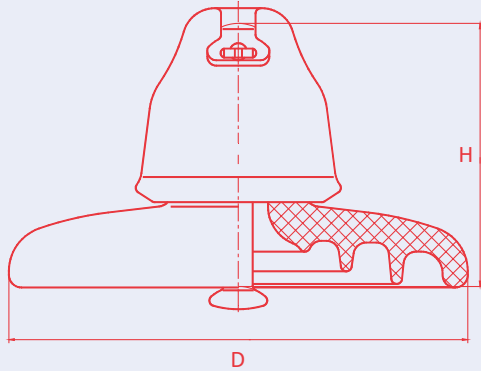


FIG.1

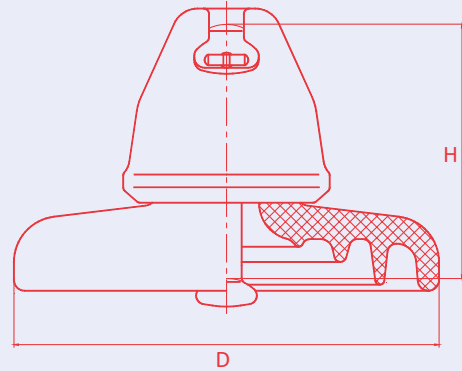


FIG.2

CAT. NO.		SSE0104210-01	SSE0104210-02	SSE0104210-03
Class		U210B	U210B	U210B
Fig. No.		1/2	2	1
Unit Spacing (H)-mm		170	170	170
Nominal Diameter (D)-mm		280	300	300
Coupling size		20/24	20/24	20
Nominal Creepage Distance-mm		335/380	370/400	330
Rated E&M Failing Load-KN		210	210	210
Routine Tensile Load-KN		105	105	105
Impact Strength-N.m		10	10	10
Power Frequency Withstand	Wet-KV	40/42	42	40
	Dry-KV	70/75	75	70
Dry Lighting Impulse Withstand Voltage-KV		105	110	105
Power Frequency Puncture Voltage-KV		120	120	120
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10
	Max. RIV at 1MHz-uV	50	50	50
Weight-kg		9.5/10.8	11	10.6

Normal Type Disc Suspension Porcelain Insulators (Cont...)

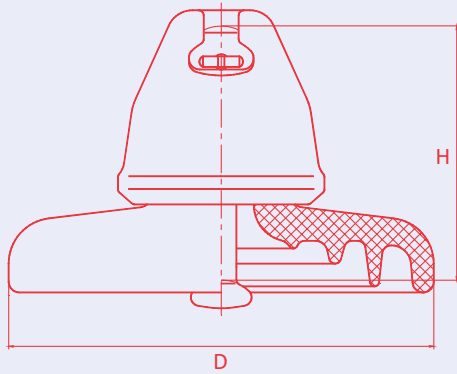


FIG.1

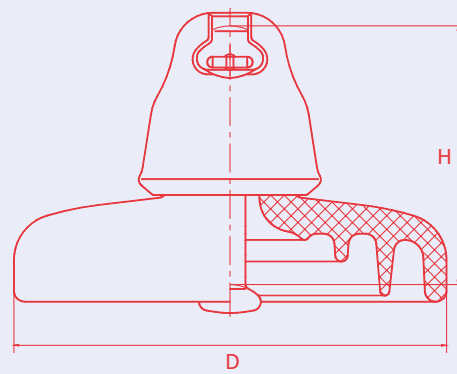


FIG.1

CAT. NO.		SSE0104240	SSE0104300	SSE0104400	SSE0104530
Class		U240B	U300B	U400B	U530B
Fig. No.		1	1	2	2
Unit Spacing (H)-mm		170	195	205	240
Nominal Diameter (D)-mm		280	320	360	380
Coupling size		24	24	28	32
Nominal Creepage Distance-mm		405	370	525	600/700
Rated E&M Failing Load-KN		240	300	400	530
Routine Tensile Load-KN		120	150	200	265
Impact Strength-N.m		10	10	10	10
Power Frequency Withstand	Wet-KV	45	45	50	55
	Dry-KV	75	75	90	95
Dry Lighting Impulse Withstand Voltage-KV		110	110	140	140
Power Frequency Puncture Voltage-KV		120	120	130	140
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50
Weight-kg		11.4	13.5	20.4	23.5/27

Anti-Pollution Disc Suspension Porcelain Insulators

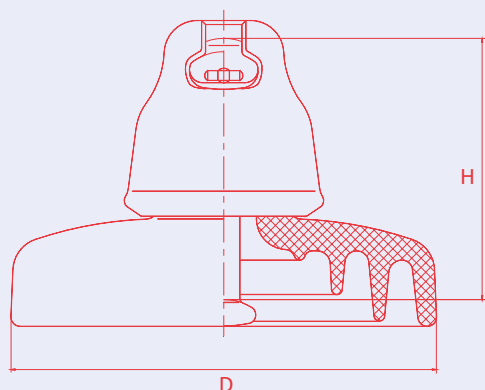


FIG.1

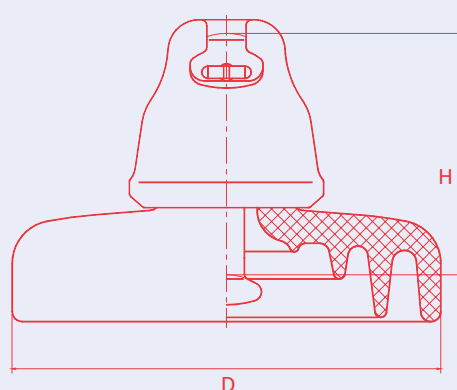


FIG.2

CAT. NO.		SSE0104210-XHP-01	SSE0104210-XHP-02	SSE0104240-XHP	SSE0104300-XHP-01	SSE0104300-XHP-02
Class		U210B	U210BP	U240BP	U300B	U300BP
Fig. No.		1	2	1	1	2
Unit Spacing (H)-mm		170	170	170	195	195
Nominal Diameter (D)-mm		300	330	320	320	380
Coupling size		20/24	20	24	24	24
Nominal Creepage Distance-mm		450/470	550	550	485/505	690
Rated E&M Failing Load-KN		210	210	240	300	300
Routine Tensile Load-KN		105	105	120	150	150
Impact Strength-N.m		10	10	10	10	10
Power Frequency Withstand	Wet-KV	45	55	55	45	60
	Dry-KV	80	90	90	80	100
Dry Lighting Impulse Withstand Voltage-KV		130	135	135	130	140
Power Frequency Puncture Voltage-KV		130	130	130	130	140
Radio Interference voltage	Test Voltage to Ground-KV	10	10	10	10	10
	Max. RIV at 1MHz-uV	50	50	50	50	50
Weight-kg		12.5	14.6	15.5	14.6	21.4

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