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Insulators

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CECEC NANJING ELECTRIC CO., LTD.



Pin Type

高压针式绝缘子
HIGH VOLTAGE PIN TYPE INSULATORS

IEC
STANDARD

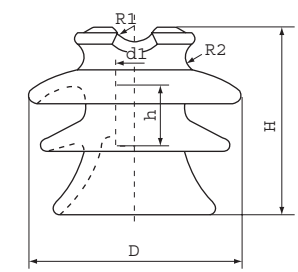


Fig 1

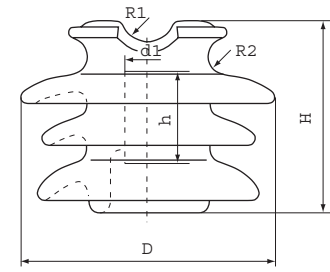


Fig 2

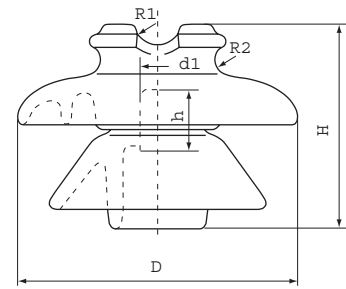


Fig 3

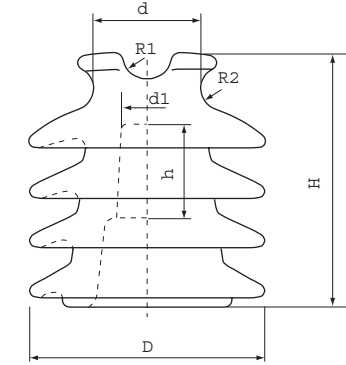


Fig 4

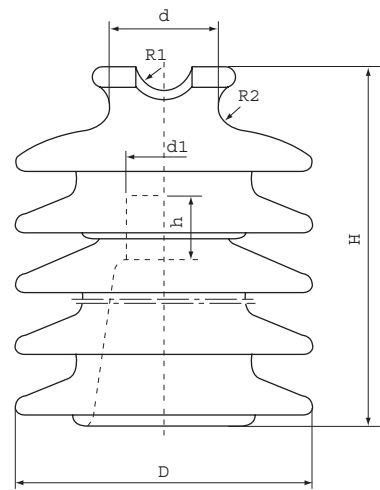


Fig 5

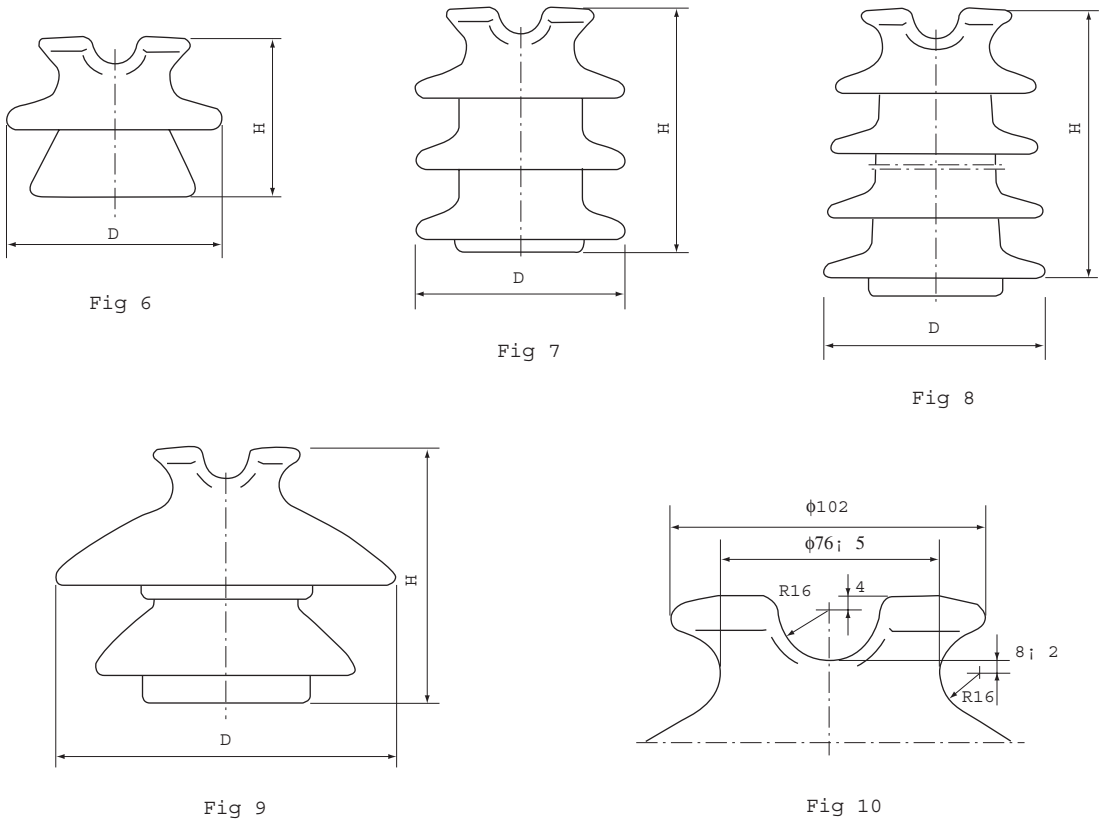
型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm							爬电距离 Creepage Distance	弯曲强度 Cantilever Strength	耐受电压 Withstand voltage		工频击 穿电压 Power Frequency Puncture Voltage	无线电干扰电压 Radio influence voltage		配用 钢脚 Fitted Spindle
		D	H	d ₁	h	R ₁	R ₂	d			一分钟工频 湿耐受电压 One minute wet power frequency withstand voltage kV	冲击干耐受 电压(峰值) Dry impulse withstand voltage (peak) kV		对地试 验电压 Test voltage to ground kV	1 MHz时 最大值 * Max. RIV at 1 MHz μV	
P-11-Y	1	140	133	18.29	48	13	9.5		240	11	45	80	150	15	8000/100	小钢头 Small steel head
P-15-Y	1	152	137	18.29	48	13	12.7		298	11	50	95	150	15	8000/100	
P-22-Y	2	230	165	27.78	52.63	19	14.3		432	11	70	125	200	22	12000/100	
P-33-Y	3	279	244	27.78	52.63	19	13		630	13.8	90	170	210	30	16000/100	大钢头 Large steel head
Pw-15-Y	4	170	185		52.63	16	16	76	432	11	50	95	150	22	12000/100	
Pw-22-Y	5	205	255		52.63	16	16	76	673	11	70	125	200	30	16000/100	
Pw-33-Y	5	240	320		52.63	16	16	76	851	11	90	170	210	44	25000/100	

注*：斜线左为普通型，斜线右为半导体釉型。
Note: The left side of slant is common glaze. The right side of slant is semiconductor glaze.



高压针式绝缘子
HIGH VOLTAGE PIN TYPE INSULATORS

AS2947.2
STANDARD



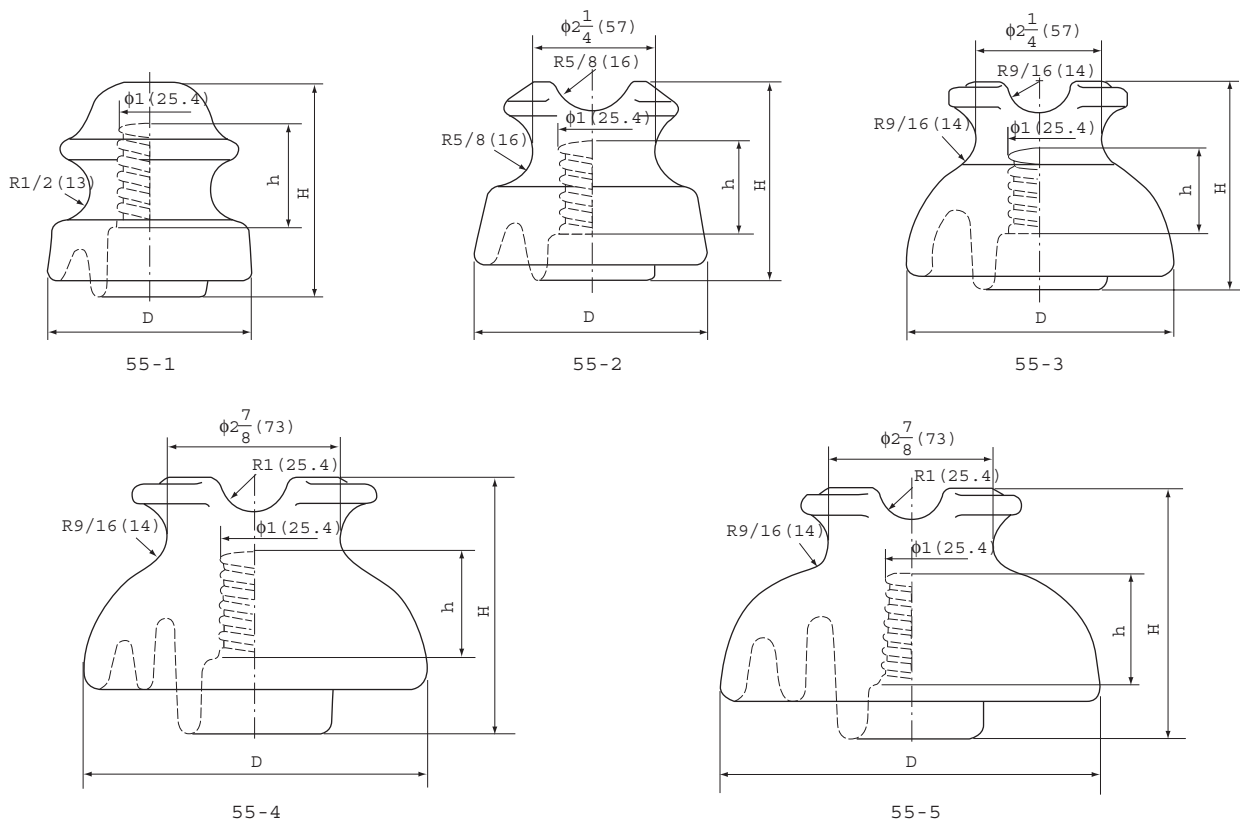
型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension		爬电距离 Creepage Distance	雷电冲击 耐受电压 Lightning impulse Withstand voltage kV	工频湿耐 受电压 Wet power frequency Withstand voltage kV	最小弯曲 破坏负荷 Minimum bending failing load kN	配用钢 脚型式 Recommended spindle type	识别 代号 Designation
		高度 Height	直径 Dia.						
		mm	mm						
SLP/11/180	6	110	150	180	105	30	7	A/130/7	180S7
ALP/11/275	7	160	150	275	105	30	7	C/150/7	275A7
ALP/22/450	8	200	160	450	150	50	11	C/200/11	450A11
ALP/22/490	8	250	165	490	160	50	11	C/200/11	490A11
ALP/22/480	9	200	250	480	150	50	11	C/150/11	480F11
ALP/22/520	8	210	200	520	150	50	11	C/200/11	520F11
ALP/33/710	8	265	220	710	220	90	11	C/300/7	710A11
ALP/33/920	8	320	240	920	220	90	11	C/300/7	920A11

注：头部尺寸符合 AS 标准（图 10）。
Note: Dimensions of head are in accordance with AS standard (Fig.10).



低中压针式绝缘子
LOW & MEDIUM VOLTAGE PIN TYPE INSULATORS

ANSI C29.5
STANDARD



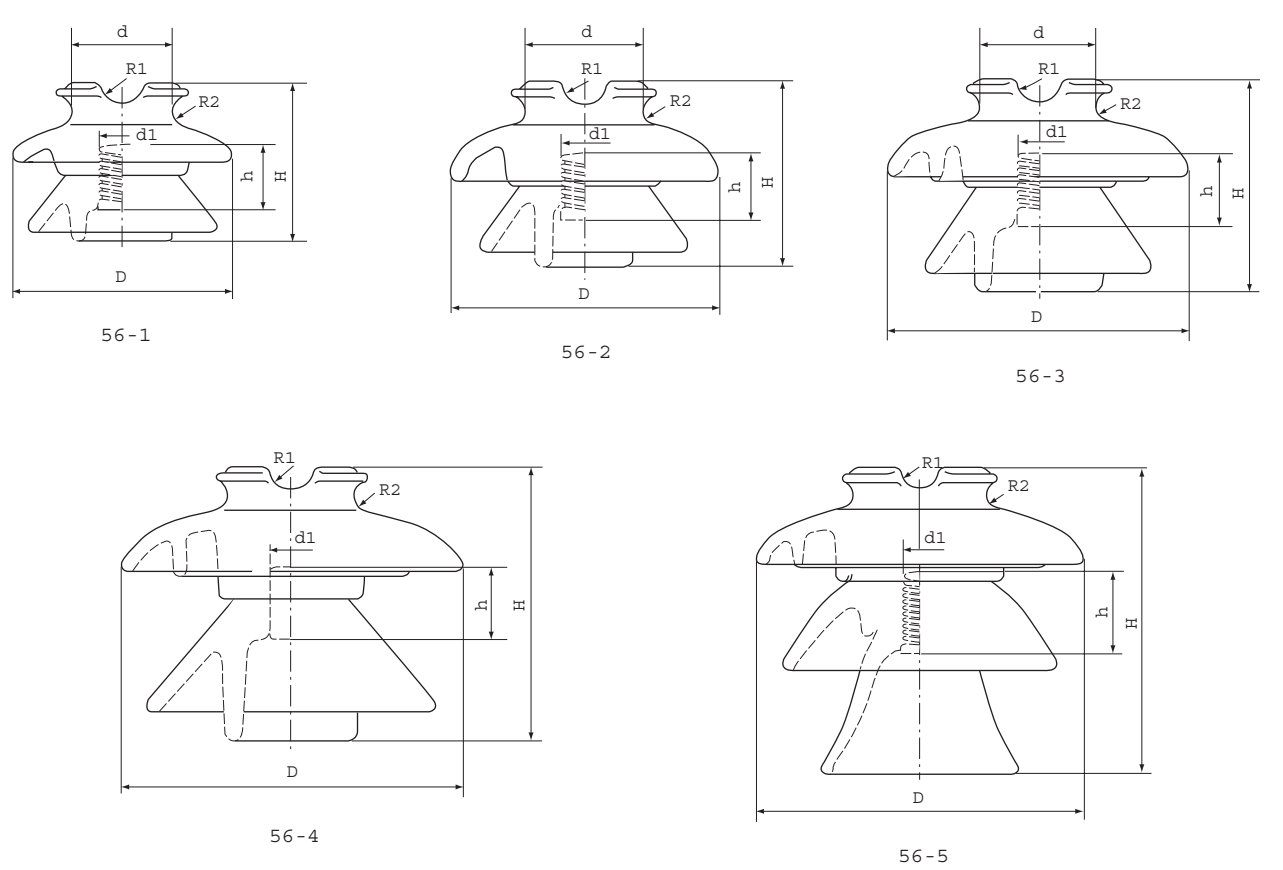
美标等级 ANSI Class	主要尺寸 Main dimension mm			爬电距离 Creepage Distance inch	最小钢 脚长度 Min. pin length in	弯曲强度 Cantilever strength lb	闪络电压 Flashover voltage				工频击 穿电压 Power Frequency Puncture Voltage kV	无线电干扰电压 Radio influence voltage	
							工频 Power frequency		冲击 Impulse			对地试 验电压 Test voltage to ground kV	1 MHz 时最大 值 Max. RIV at 1 MHz μV
	干 Dry kV	湿 Wet kV	正 Positive kV	负 Negative kV									
	D	H	h	mm	mm	kN							
55-1	3 ¹ / ₄ (83)	3 ¹ / ₂ (89)	1 ³ / ₄ (44)	4 (102)	4 (102)	3000 (13)	35	20	50	70	50	5	2500/50
55-2	3 ³ / ₄ (95)	3 ¹ / ₄ (83)	1 ¹ / ₂ (38)	5 (127)	4 (102)	2500 (11)	50/45	25	75/70	95/85	70	5	2500/50
55-3	4 ³ / ₄ (121)	3 ³ / ₄ (95)	1 ¹ / ₂ (38)	7 (178)	5 (127)	2500 (11)	65/55	35/30	100/90	130/110	90	10	5500/50
55-4	5 ¹ / ₂ (140)	4 ³ / ₈ (111)	1 ³ / ₄ (44)	9 (229)	5 (127)	3000 (13)	70/65	40/35	110/105	140/130	95	10	5500/50
55-5	7 (178)	4 ⁷ / ₈ (124)	2 (51)	12 (305)	6 (152)	3000 (13)	85/80	45	140/130	170/150	115	15	8000/100

注：斜线左为普通型，斜线右为半导体轴型。
Note: The left side of slant is Common glaze, The right side of slant is semiconductor glaze.



高压针式绝缘子
HIGH VOLTAGE PIN TYPE INSULATORS

ANSI C29.6
STANDARD

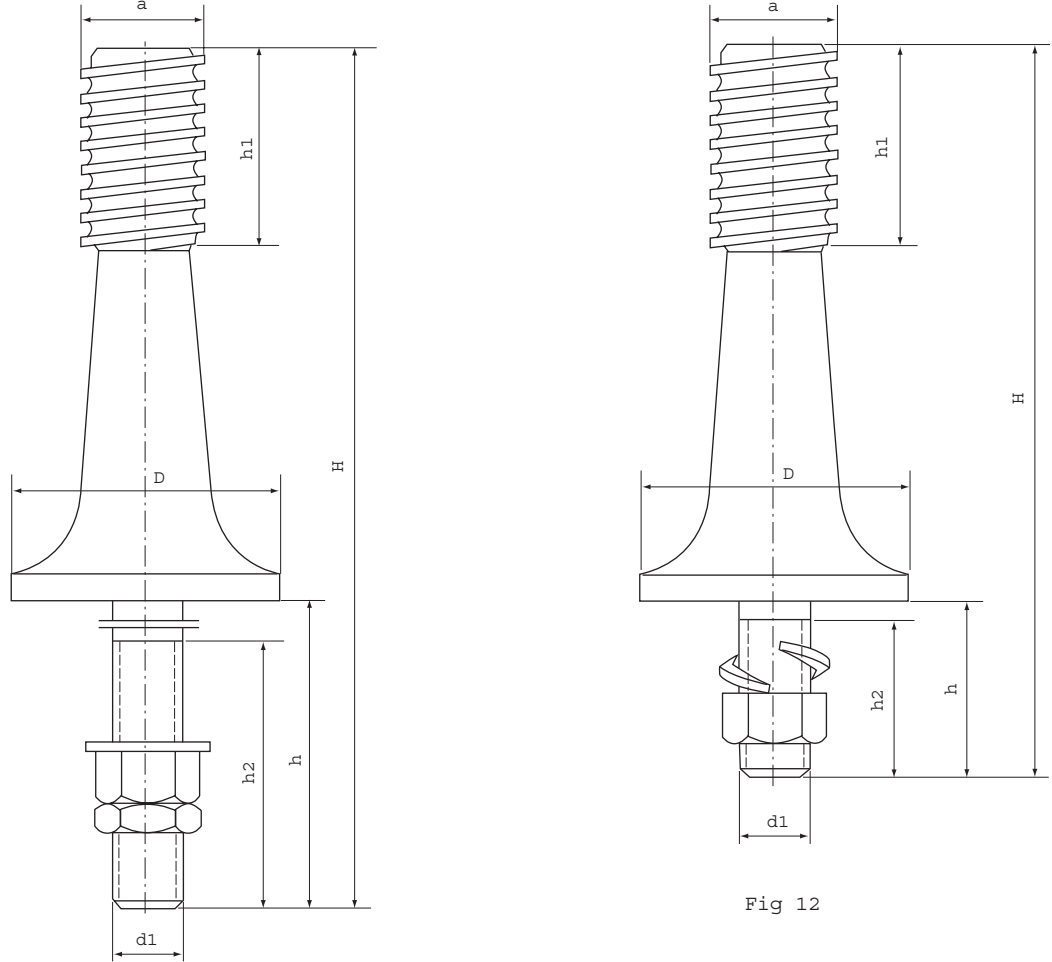


美标 等级 ANSI Class	主要尺寸 Main dimension mm							爬电距离 Creepage Distance inch mm	最小钢 脚长度 Min. pin length in mm	弯曲强度 Cantilever strength lb kN	闪络电压 Flashover voltage				工频击 穿电压 Power Frequency Puncture Voltage kV	无线电干扰电压 Radio influence voltage	
	D	H	d	d1	h	R1	R2				工频 Power frequency		冲击 Impulse			对地试 验电压 Test voltage to ground kV	1 MHz 时最大值 Max. RIV at 1 MHz μV
											干 Dry kV	湿 Wet kV	正 Positive kV	负 Negative kV			
56-1	7 1/2 (191)	5 3/4 (146)	3 1/2 (89)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	3 (330)	6 (152)	2500 (11)	95	60	150	190	130	15	100
56-2	9 (229)	6 1/2 (165)	4 (102)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	17 (432)	7 (178)	3000 (13.2)	110	70	175	225	145	22	100
56-3	10 1/2 (267)	7 1/2 (191)	4 (102)	1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	21 (533)	8 (203)	3000 (13.2)	125	80	200	265	165	30	200
56-4	12 (305)	9 1/2 (241)		1 3/8 (35)	2 (51)	3/4 (19)	9/16 (14)	27 (685)	10 (254)	3000 (13.2)	140	95	225	310	185	30	200
56-5	13 1/2 (343)	12 1/2 (318)		1 3/8 (35)	2 1/8 (54)	3/4 (19)	9/16 (14)	34 (864)	12 (305)	3000 (13.2)	175	125	270	340	225	44	200



钢脚（和针式绝缘子配用）
SPINDLES (for pin type insulators)

ANSI
STANDARD



型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm							机械负荷 Mechanical load kN	重量 Weight kg	美标等级 ANSI Class
		H	D	h	h1	h2	a	d1			
C110M	11	330	76	178	51	76	34.9	20	11	1.9	56-1
C111M	11	356	76	178	51	76	34.9	20	9	2.2	56-2
C112M	11	407	89	178	51	76	34.9	20	10	2.5	56-3
C113M	11	432	89	178	51	76	34.9	20	9	3.25	56-4
C114M	11	343	45	165	51	76	34.9	20	6	1.6	56-2
C115T	12	198	76	45	51	40	34.9	20	11	1.54	56-1
C116T	12	223	76	45	51	40	34.9	20	9	1.87	56-2
C117T	12	274	89	45	51	40	34.9	20	10	2.17	56-3
C118T	12	299	89	45	51	40	34.9	20	9	2.7	56-4
C119T	12	223	45	45	51	40	34.9	20	6	1.3	56-2
C120T	11	356	76	76	51	76	34.9	16	5	1.9	56-2



钢脚（和针式绝缘子配用）
SPINDLES (for pin type insulators)

BS AS
STANDARD

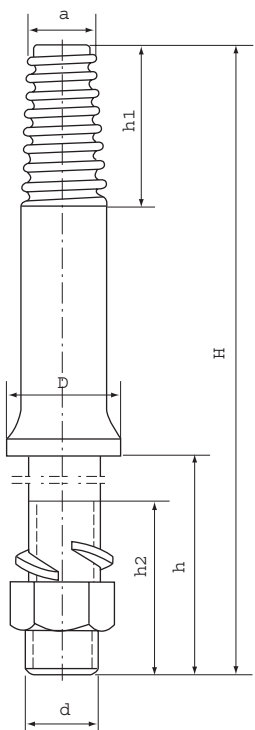


Fig 13

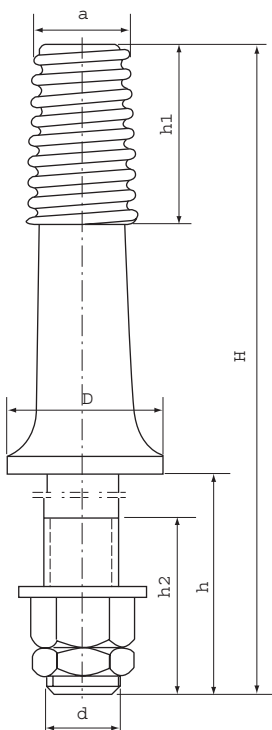


Fig 14

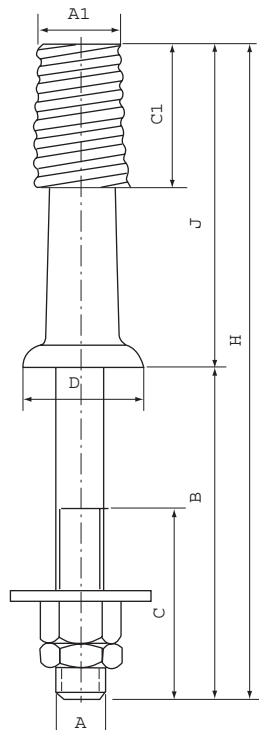


Fig 15

BS

型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm							机械负荷 Mechanical load kN	重量 Weight kg	配用 钢脚 Fitted Spindle
		H	D	h	h1	h2	a	d			
C101	13	305	38	140	44.45	74	18.29	20	5	1	小钢头 Small steel head
C102	13	352	41	127	44.45	80	18.29	22	5	1.2	
C103	13	215	38	50	44.45	44	18.29	20	5	0.75	
C106	14	261	60	46	47	41	27.78	22	10	1.5	大钢头 Large steel head
C107	14	369	51	140	47	78	27.78	22	10	2	

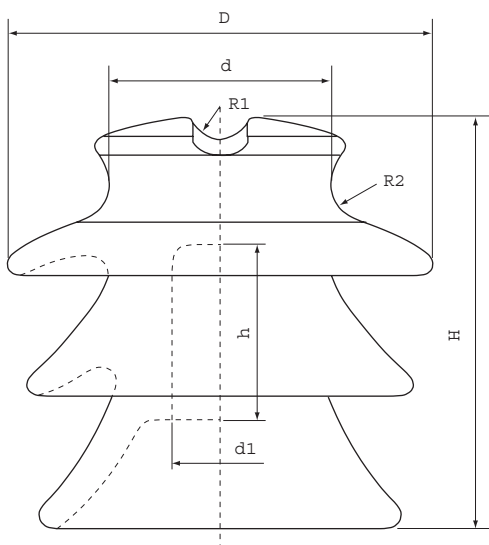
AS

型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm								机械负荷 Mechanical load kN
		H	A	B	C	D	J	A1	C1	
A/130/7	15	293	20	165	80	50	128	30.162	39.688	7
C/150/7	15	313	20	165	80	60	148	34.925	63.500	7
C/150/11	15	313	24	165	80	60	148	34.925	76.200	11
C/200/11	15	363	24	165	80	65	198	34.925	76.200	11
C/300/7	15	463	24	165	80	75	298	34.925	63.500	7



高压线路针式绝缘子
PIN TYPE INSULATORS FOR HIGH VOLTAGE

DIN
STANDARD



型号 Cat. No.	主要尺寸 Main dimension mm						重量 Weight kg
	H	h	D	d	d1	R	
D10K45	138	55	135	62	31	12.5	1.6
D10K46	158	60	150	72	31	12.5	2.7
D10K47	185	65	175	82	35	12.5	3.8
D10K48	250	90	230	92	43	12.5	6.5

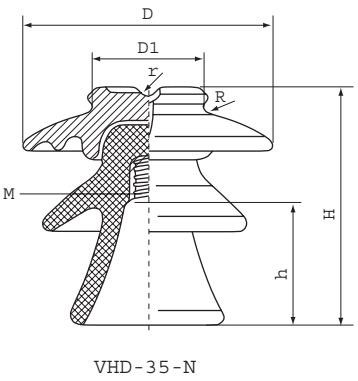
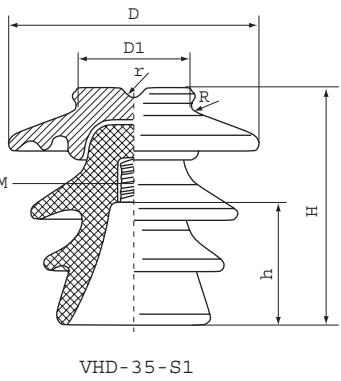
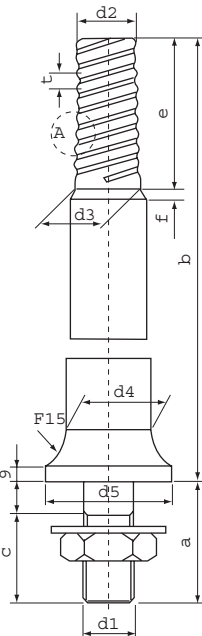
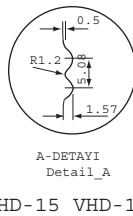
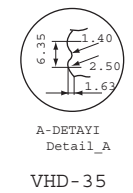
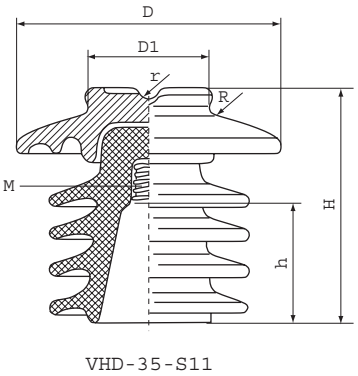
型号 Cat. No.	图号 Fig. No	额定电压 Nominal voltage kV	工频电压 Power frequency voltage kV		击穿电压 Puncture voltage kV	50% 冲击耐压 50% Impulse withstand voltage kV	最小破坏负荷 Minimum breaking load kg	曾用代号 No. used before
			干闪络 Dry flashover	湿闪络 Wet flashover				
D10K45	1	10	70	42	110	100	1250	P-10-D
D10K46	1	15	75	53	120	110	1250	P-15-D
D10K47	1	20	90	65	140	130	1500	P-20-D
D10K48	1	30	110	90	140	180	1500	P-30-D

Pin Type



高压线路针式绝缘子
PIN TYPE INSULATORS FOR HIGH VOLTAGE

DIN
STANDARD



型号 Cat. No.	主要尺寸 Main dimension mm						泄漏距离 Leakage distance mm	最小 破坏负荷 Minimum breaking load kg	一分钟 湿耐压 One minute withstand voltage wet kV	击穿电压 Puncture voltage kV	冲击 干耐压 Impulse withstand voltage kV	重量 Weight kg
	H	h	D	D1	R	r						
VHD-35-N	270	133	270	135	14	14	630	1200	70	180	170	11
VHD-35-S1	270	133	270	135	14	14	720	1200	75	180	175	11.8
VHD-35-S11	295	160	270	135	14	14	900	1200	80	180	180	13.3

钢脚尺寸 SPECIFICATIONS OF STEEL STANDS

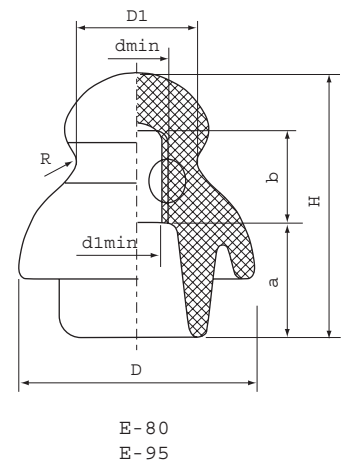
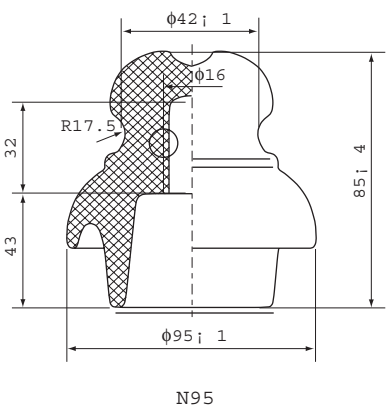
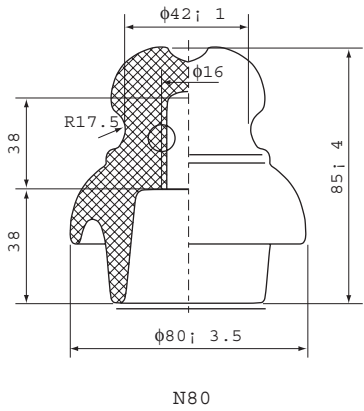
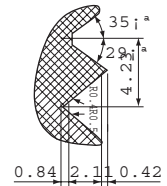
TIP	a mm	b mm	c mm	d1 mm	d2 mm	d3 mm	d4 mm	d5 mm	e mm	f mm	g mm	t mm
VHD-35	135	280	75	1"	+0 25-0.6	+0 28-0.6	35	51	61	4	8	6.35
VHD-20	135	215	75	M20	+0 19+0.5	+0 24-0.5	30	44	45	4	5	5.05
VHD-15	135	165	75	M16	+0 19-0.5	+0 24-0.5	30	41	45	4	5	5.05
VHD-10	135	127	75	M16	+0 19-0.5	+0 24-0.5	30	41	45	4	5	5.05



Pin Type

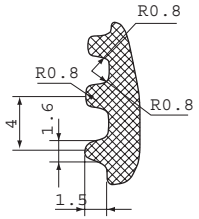
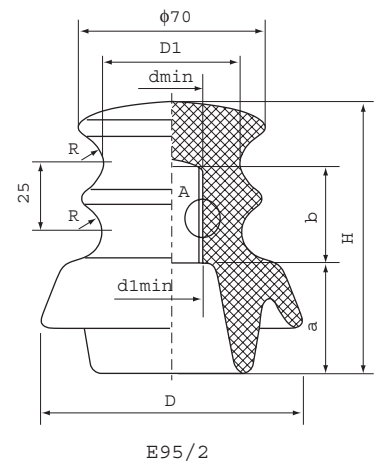
高压针式绝缘子
LOW VOLTAGE PIN INSULATORS

DIN
STANDARD



型号 Cat. No.	主要尺寸 Main dimension mm								泄漏距离 Leakage distance mm	最小 破坏负荷 Minimum breaking load kg	一分钟 湿耐压 One minute withstand voltage wet kV	重量 Weight kg
	D	H	D1	d min	d1 min	a	b	r				
E-80	80	87	42	19	21	38	30	9	120	1250	10	0.4
E-95	95	97	50	22	24	41	35	14	140	1250	10	0.55
E95/2	95	100	50	22	24	41	35	10	130+30	1250	10	0.625

型号 Cat. No.	泄漏距离 Leakage distance mm	最小破坏负荷 Minimum breaking load kg	一分钟湿耐压 One minute withstand voltage wet kV	重量 Weight kg
N80	120	1250	10	0.4
N95	140	1250	10	0.57





高压针式绝缘子
HIGH VOLTAGE PIN INSULATORS

SA
STANDARD

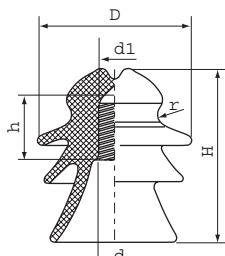


Fig 1

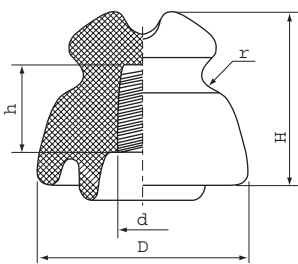


Fig 2

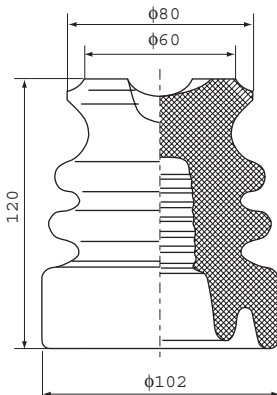


Fig 3

型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm					泄漏距离 Leakage distance mm	工频闪络电压 Power frequency flashover voltage		工频 击穿电压 Power-frequency puncture voltage kV	抗弯 破坏负荷 Cantilever failing load (dan)	重量 Weight kg
		H	D	d	h	r		干 Dry kV	湿 Wet kV			
CN918	2	75	80	23	33	7		40	12		600	0.40
CN919	2	95	105	26	48	9		50	20		900	0.90
CN920	2	120	135	26	48	12		55	30		1500	1.6
CN45	1	145	135	26/28	60	9	200	75	55	110	1500	1.6
CN46	1	160	160	26/28	80	9	320	85	65	120	1800	2.18
CN48	1	205	178	28/30	85	10	440	100	75	135	2000	3.14

型号 Cat. No.	额定电压 Voltage rating	工频闪络电压 Power frequency flashover voltage		击穿电压 Low frequency puncture voltage kV	临界冲击闪络电压 Critical Impulse flashover voltage 1.2 × 50μs		爬电距离 Leakage distance mm	抗弯破坏负荷 Cantilever failing load kN
		干闪 Day kV	湿闪 Wet kV		正 Positive kV	负 Negative kV		
N95-3	15	70	45	95	150	140	230	13.5



通讯线路针式绝缘子
PIN INSULATORS FOR TELEPHONE LINES

BS, DIN, IEC
STANDARD

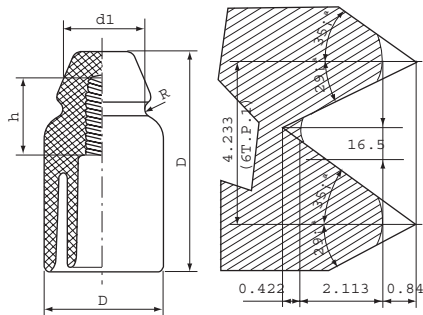


Fig 1

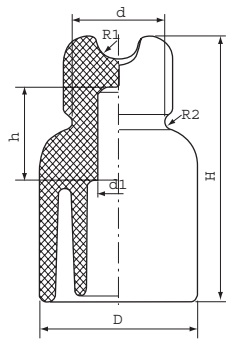


Fig 2

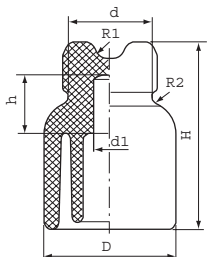


Fig 3

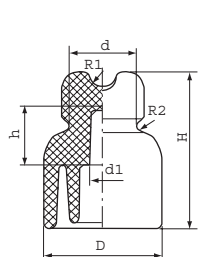


Fig 4

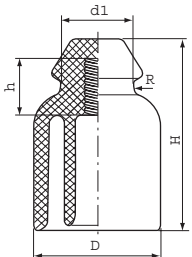


Fig 5

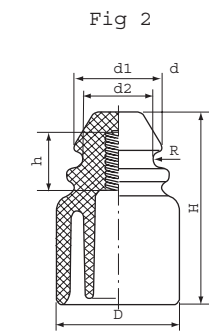


Fig 6

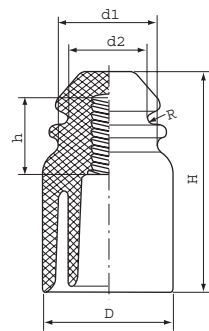


Fig 7

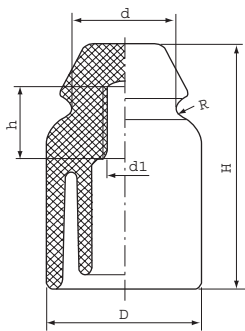


Fig 8

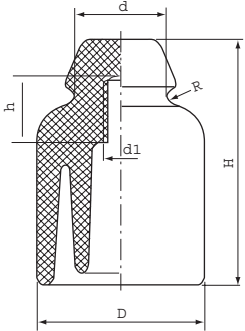


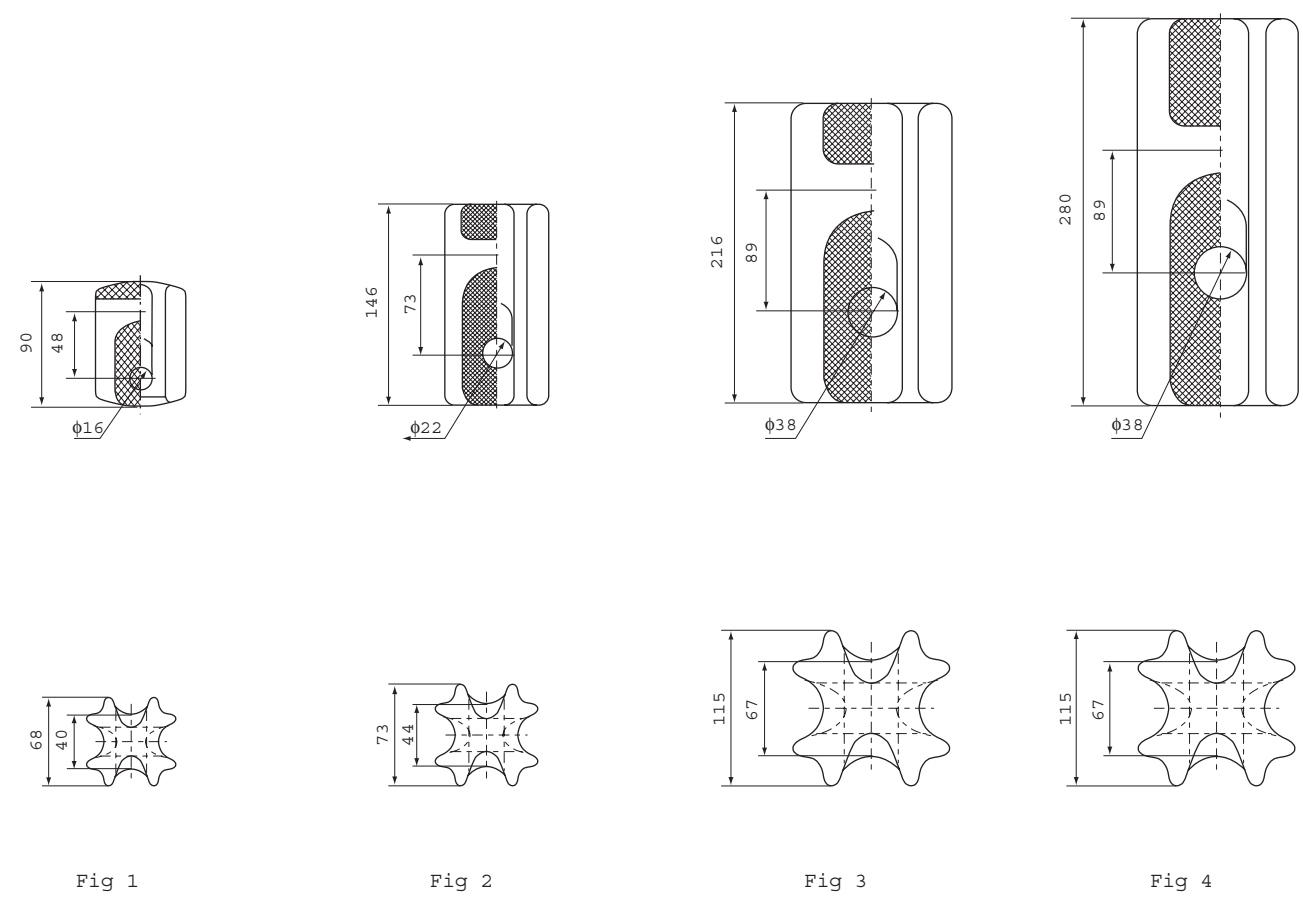
Fig 9

型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm							绝缘电阻 Insulation resistance M	抗剪强度 Shearing Strength kg.f	重量 Weight kg
		H	h	D	d	d1	R1	R2			
RM-1	2	140	49.5	86	51	22.5	12	4	50000		1.1
RM-2	3	100	32	70	44	18.5	8.5	3.5	40000		0.5
RM-3	4	80	30	60	35	13	7	3	20000		0.3
T-4	8	95	31	60	40	13		4	40000	600	0.34
T-5	9	112	31	76	43	16.4		4	50000	800	0.60
NO 7	5	119	35	76	44	-		5	10000		0.67
NO 1	6	119	35	76	54	44		5	10000		0.62
NO 2	1	102	35	60	38	-		5	10000		0.38
NO 8	7	102	35	60	44	38		5	10000		0.40



线路用拉紧绝缘子
PORCELAIN STAY INSULATORS

AS
STANDARD

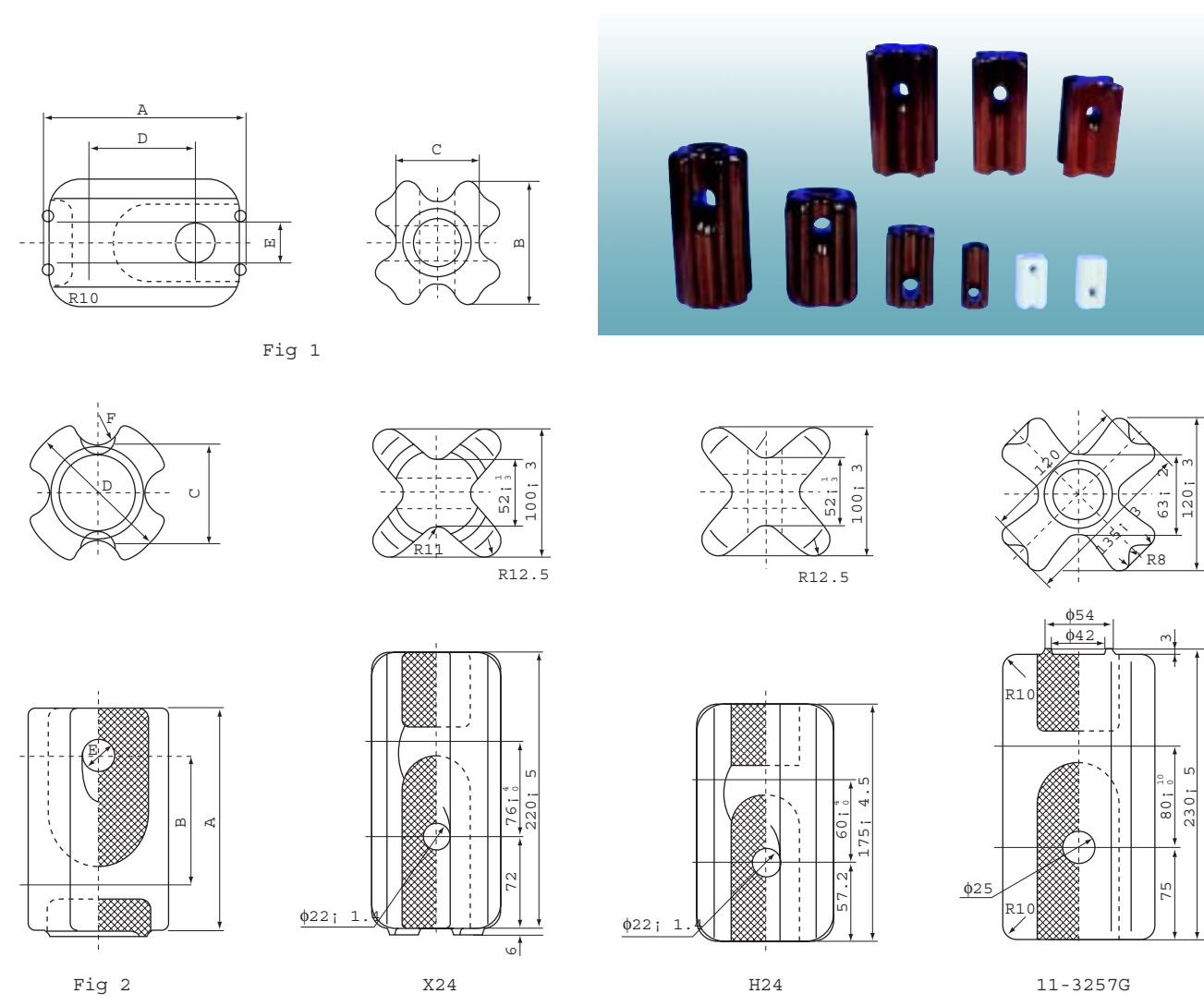


型号 Cat. No.	奥标等级 AS Class	图号 Fig.	工频湿耐电压 Wet power frequency Withstand voltage kV	钢丝绳号和金属线直径 Stand or wire rope dia. mm	绝缘子机械破坏负荷 Mechanical failing load kN
GY-1	J-2.7	1	10	7/2.75	27
GY-2	J-7	2	15	19/2.00	71
GY-3	J-16	3	20	19/2.75	222
GY-4	J-16B	4	30	19/2.75	222



线路用拉紧绝缘子
PORCELAIN STAY INSULATORS

SA
STANDARD



型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm						泄漏距离 Leakage distance mm	机械破坏负荷 Mechanical failing load kN	工频络电压 Low-frequency voltage		重量 Weight kg
		A	B	C	D	E	F			干 Dry kV	湿 Wet kV	
11.1354	1	78	35	25	44	14		32	18	25	12	
11.1075	1	95	57	37	50	19		48	45	45	15	
11.0522	1	136	85	60	62	19		63	110	110	18	2
11.0521	1	190	85	60	72	25		63	110	110	23	4.9
PS10	2	59	35	25.5	39.5	8	6.5					15.1
PS9/3	2	60	26	25.5	38	8	6.5					20.6
NEF-2-60	2	60	28	25.5	38	10	6.5					
NEF-2-58	2	58	24	23	37	8	6					
40 × 55	2	55	27	22.5	40	12	8					

Stay Type



拉紧瓷绝缘子
STAY PORCELAIN INSULATOR

ANSI
STANDARD

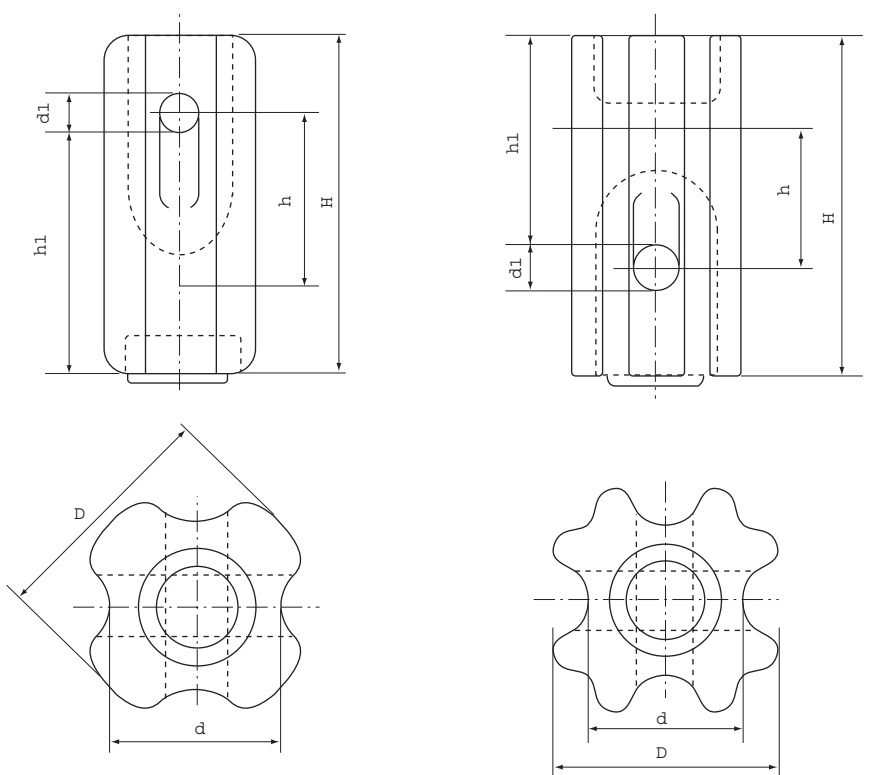


Fig 1

Fig 2

产品 代号 Cat. No.	图 号 Fig.	型 号 Type	爬电距离 Creepage Distance mm	拉伸强度 Tensile strength kN	工频闪络电压 Power frequency voltage 50Hz kV		主要尺寸 Main dimension mm						重量 Weight kg	执行 标准 Appli- cable standard
					干闪 Dry	湿闪 Wet	H	h	h1	D	d	d1		
71001	1	54-1	41	44	25	12	89	44	64	64	44	16	0.5	ANSI C29.4
71002	1	54-2	48	53	30	15	108	57	76	73	54	22	0.65	
71003	1	54-3	57	89	35	18	140	67	103	86	60	25	1.2	
71004	2	54-4	76	89	40	23	172	79	114	89	60	25	1.85	



Shackle Type

线轴式绝缘子
SPOOL INSULATORS

ANSI
STANDARD

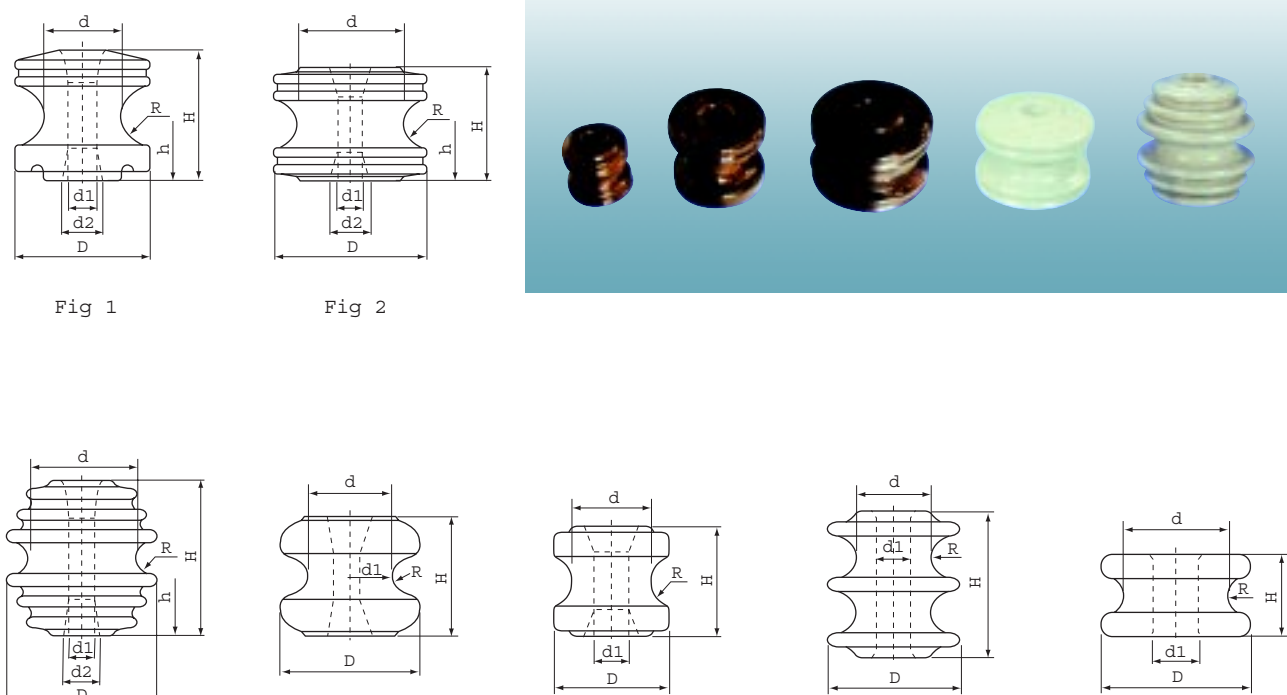


Fig 1

Fig 2

Fig 3

Fig 4

Fig 5

Fig 6

Fig 7

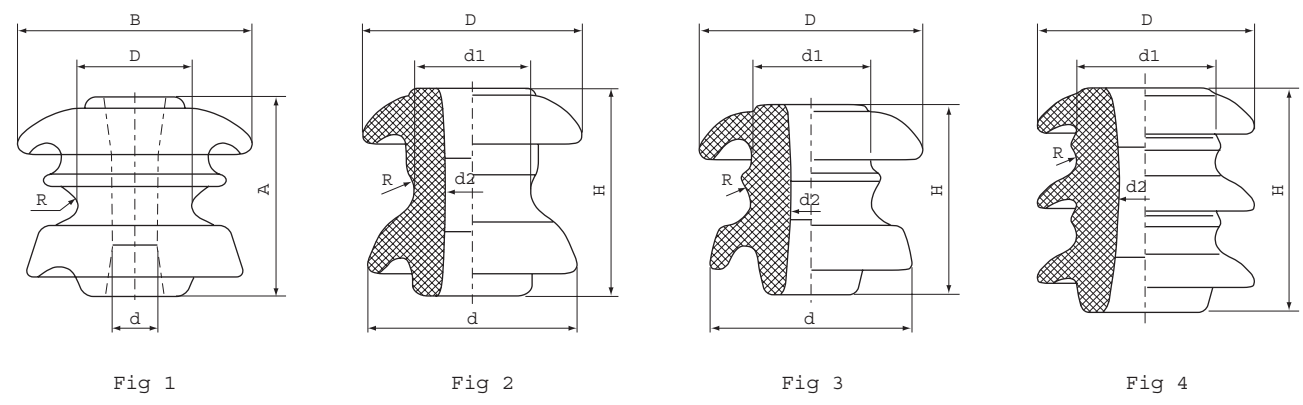
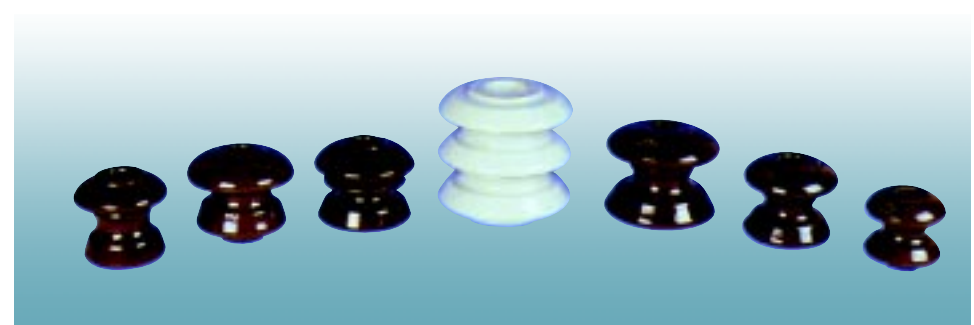
美标等级 ANSI Class	图 号 Fig.	主要尺寸 Main dimension mm							机械破坏负荷 Transverse strength N	工频闪络电压 Power frequency voltage kV				重量 Weight (10pcs) kg
		H	h	D	d	d1	d2	R		干闪 Dry flashover	湿闪 Wet flashover			
											垂直 Vertical	水平 Horizontal		
53-1	2	54	27	57	45	18	22	11	8,900	20	8	10	2.2	
53-2	1	76	38	79	45	18	24	18	13,300	25	12	15	5.4	
53-3	2	81	40.5	76	45	18	24	11	17,800	25	12	15	5.9	
53-4	2	76	38	105	73	18	24	16	20,000	25	12	15	11.3	
53-5	3	105	52.5	102	73	18	24	11	26,700	35	18	25	11.8	
R-8	7	32		57	40	17.5		7			15	918	1.3	
R-6	6	80		70	40	18		7	240	12	18	1350	3.9	
R-2	5	76		80	54	17.5		17.5			18	2040	5.9	
R-1	5	54		57	39	17.5		11			18	918	2.4	
1617	4	65		76	46	17.5		9	9000	20	9	9	3.9	
1617-1	4	65		78		17.5		17.5						
1617-2	4	67		73		16		14.3						
1618-1	4	75		89	52	17		13	10000	20	9	9		
1618-2	4	75		89	52	17		12.5	13000	25	12	12		
1618-3	4	88		95		22		16						

Shackle Type



蝶式绝缘子
PORCELAIN SHACKLE INSULATORS

IEC, SA
STANDARD



型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm					干闪电压 Dry withstand voltage kV	湿闪电压 Wet withstand voltage kV	击穿电压 puncture voltage kV	机械破坏负荷 Mechanical failing load kN	Packing	
		A	B	D	d	R					NO. Per	Mass kg
S.03	1	57	63	35	11	5	17	8	25	6.25	100	23
S.05	1	75	88	41	17	8	22	11	33	17.80	24	16
S.1	1	88	100	57	18	13	26	14	39	17.80	24	20
S.2	1	100	114	63	21	16	35	19	52	22.25	12	16

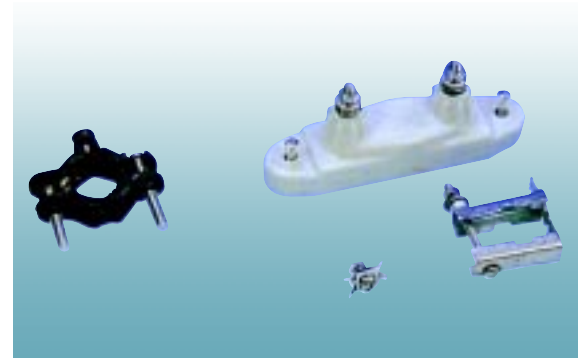
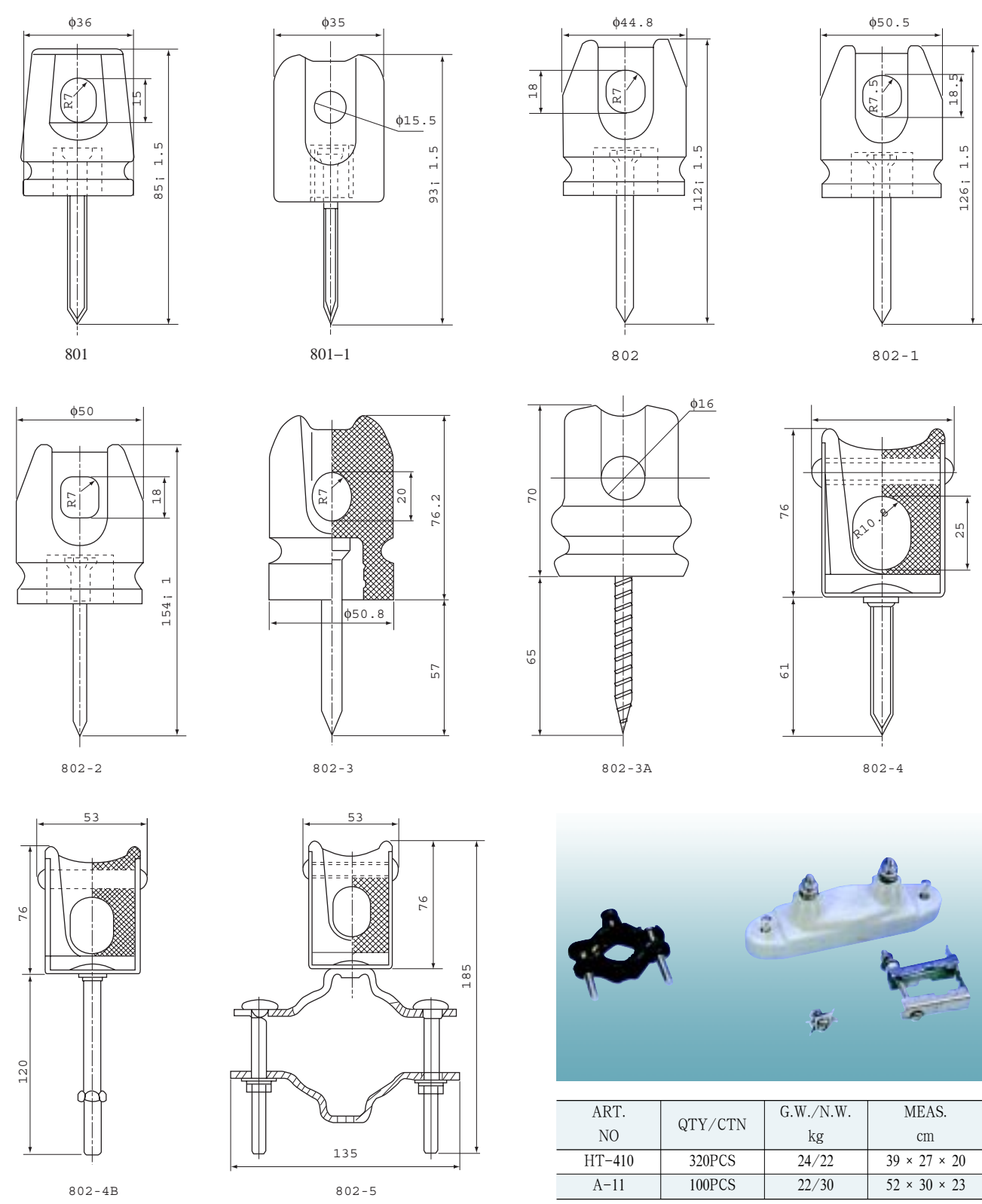
型号 Cat. No.	图号 Fig.	主要尺寸 Main dimension mm						机械破坏负荷 Mechanical failing load kN	工频闪络电压 Power frequency voltage		重量 Weight kg	釉色 Glaze color
		H	D	d	d ₁	d ₂	R		干 Dry kV	湿 Wet kV		
ED-1	2	90	100	95	50	22	12	1200	22	10	0.75	白 White
ED-2	2	75	80	75	42	20	10	1000	18	9	0.40	白 White
ED-3	2	65	70	65	36	16	8	800	16	7	0.25	白 White
ED-4	2	50	60	55	30	16	6	500	14	6	0.15	白 White
ED-2(B)	3	76/3"	89/3 $\frac{1}{2}$ "	83/3 $\frac{9}{32}$ "	48/1 $\frac{7}{8}$ "	21/ $\frac{13}{16}$ "	10/ $\frac{13}{16}$ "	1300	-	-	0.48	棕 Brown
ED-2(B)1	3	76/3"	89/3 $\frac{1}{2}$ "	83/3 $\frac{9}{32}$ "	48/1 $\frac{7}{8}$ "	17.5/ $\frac{11}{16}$ "	10/ $\frac{13}{23}$ "	1300	-	-	0.50	棕 Brown
ED-2(C)	4	80/3 $\frac{5}{32}$ "	80/3 $\frac{5}{32}$ "	-	50/2"	22/ $\frac{7}{8}$ "	6/ $\frac{1}{4}$ "	1350	25	12	0.47	棕 Brown



Wire Holder

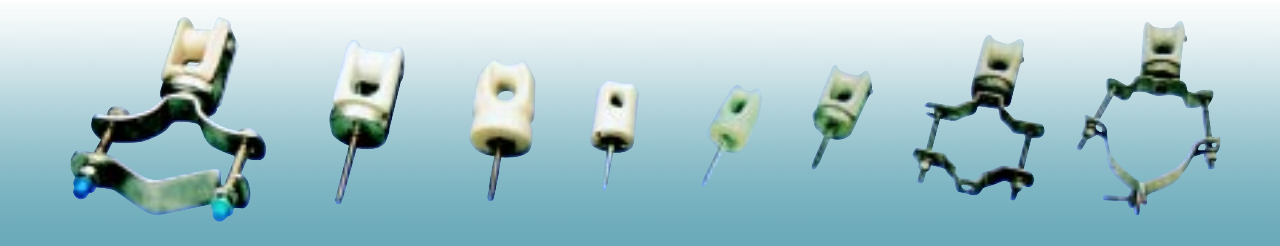
布线及其他绝缘子
WIRING AND OTHER INSULATORS

DIN
STANDARD



ART. NO	QTY/CTN	G.W./N.W. kg	MEAS. cm
HT-410	320PCS	24/22	39 × 27 × 20
A-11	100PCS	22/30	52 × 30 × 23

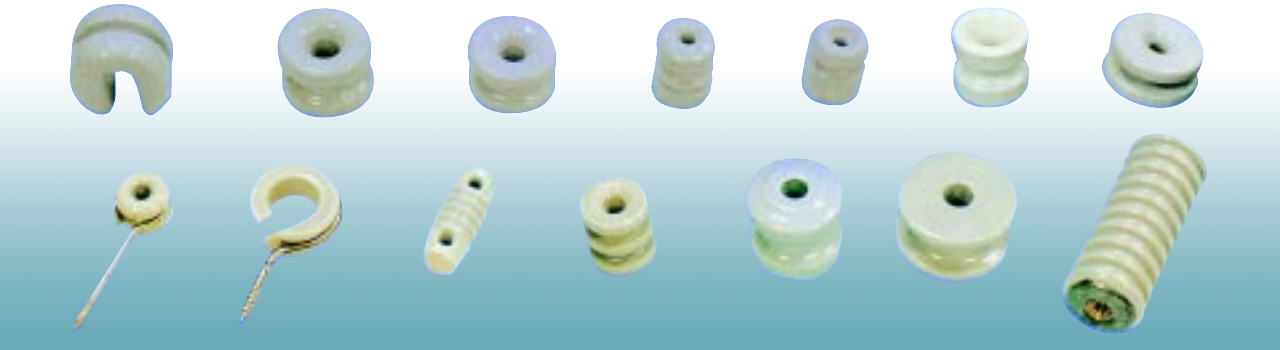
Wire Holder



ART. NO	QTY/CTN	G.W./N.W. kg	MEAS. cm
802-5	30PCS	21/19	45 × 31 × 30
802-4	60PCS	22/20	38 × 31 × 19
802-3	100PCS	17/15	34 × 32 × 29
801-1	200PCS	20/18	36 × 21 × 32



ART. NO	QTY/CTN	G.W./N.W. kg	MEAS. cm
802B	50PCS	24/22	43 × 19 × 36
2801	288PCS	26/25	48 × 35 × 15
802-1	60PCS	30/38	39 × 36 × 21
802-2	60PCS		
802	84PCS	24/22	41 × 31 × 18



ART. NO	QTY/CTN	G.W./N.W. kg	MEAS. cm
WP4	100PCS	14/12	28.5 × 20.5 × 20.5
WP36	250PCS	22/20	46.7 × 23 × 18.4
WP6	250PCS	17/15	44 × 24 × 16.2
WP22	500PCS	22/21	32 × 32 × 20.5
WP22E	500PCS	23/21	41 × 31.5 × 21.5
WP5	500PCS	22/20	32 × 32 × 20.5
WP5E	500PCS	23/21	41 × 31.5 × 21.5
40 × 40	300PCS	30/38	43 × 27 × 23
51 × 27	300PCS	29/27	57 × 29 × 21



Disc Type

高压线路盘形悬式绝缘子
CAP AND PIN TYPE SUSPENSION INSULATORS FOR HIGH VOLTAGE

ANSI
STANDARD

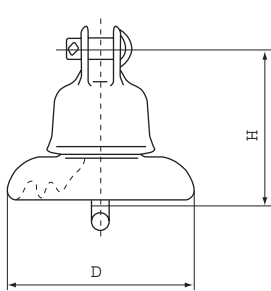


Fig 1

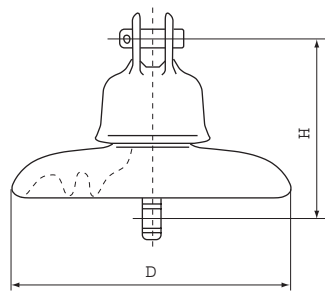


Fig 2

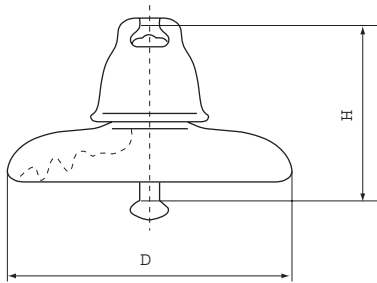


Fig 3

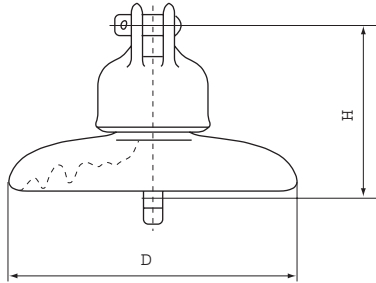


Fig 4

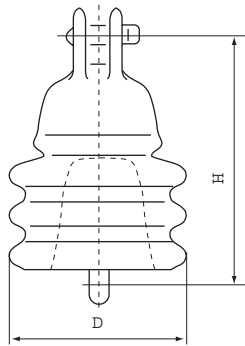


Fig 5

美标等级 ANSI Class	图号 Fig.	主要尺寸 Main dimension mm		泄漏距离 Leakage distance mm	工频 击穿电压 Power- frequency puncture voltage kv	平均闪络电压 Average flashover voltage				无线电干扰电压 Radio influence voltage		额定机电 破坏负荷 Rated E & M failing load kN	例行拉 伸负荷 Tension proof load kN	打击破坏 负荷 Impact strength N · m	重量 Weight kg
						工频 Power frequency	临界冲击 Critical Impulse Wave		对地试 验电压 Test voltage to ground kV	1000 千赫 最大值 Max. RIV at 1000kHz kV					
		干 Dry kV	湿 Wet kV								正 Positive kV				
							D	H							
52-1 XP-4.5C-M	1	165	140	178	80	60	30	100	100	7.5	50	45	22	5	2.5
52-2 XP5-7C-M	2	190.5	146	210	80	65	35	115	115	7.5	50	70	35.5	6	3.9
52-3 XP-7-M	3	254	146	292	110	80	50	125	130	10	50	70	35.5	6	4.6
52-4 XP-7C-M	4	254	146	292	110	80	50	125	130	10	50	70	35.5	6	4.9
52-5 XP-11-M	3	254	146	292	110	80	50	125	130	10	50	111	55.5	7	5.6
52-6 XP-11C-M	4	254	146	292	110	80	50	125	130	10	50	111	55.5	7	5.9
52-8 XP-16-M	3	254	146	320	110	80	50	125	130	10	50	160	80	10	6.9
52-9 XP9-4.5C-M	5	108	160	171	80	60	30	125	90	7.5	50	45	22	5	2.6
52-10 XP-16C-M	1	280	165	280	110	80	50	100	130	10	50	160	80	10	7.2

Disc Type



交流盘形悬式瓷绝缘子（交普通型）
AC DISC SUSPENSION PORCELAIN INSULATOR (NORMAL TYPE)

IEC

STANDARD

盘形悬式瓷绝缘子主要用于高压架空输电线路中绝缘支持道线。普通盘形悬式瓷绝缘子包括标准型绝缘子和大爬距绝缘子，这些绝缘子主要适用于清洁区和轻污秽区。

Disc suspension porcelain insulators are mainly used on high-voltage overhead transmission and distribution lines to support and insulate conductors. The normal type disc suspension porcelain insulators include standard type and large creepage distance type insulators, which are widely used in clean areas and light pollution areas.

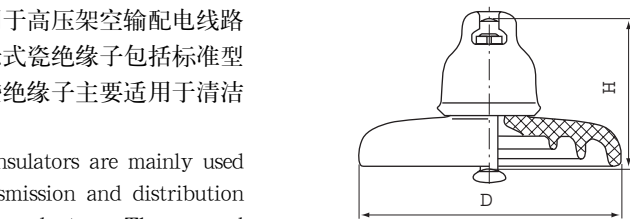


Fig 1

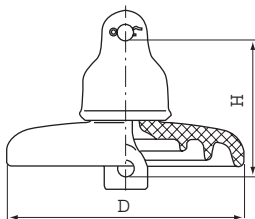


Fig 2

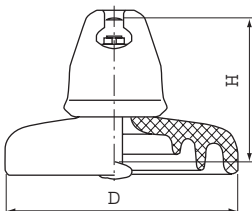


Fig 3

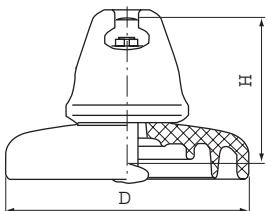


Fig 4

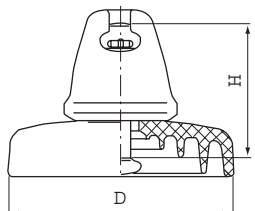


Fig 5

型号 Cat. No.	图 号 Fig.	绝缘 子 等级 Class	结构 高度 Unit spacing	公称 盘径 Nominal diameter	公称爬 电距离 Nominal creepage distance	连接标记 Coupling size	额定机电 破坏负荷 Rated E&M failing load kN	例行拉 伸负荷 Routine tension load kN	打击破 坏负荷 Impact failing load N.m	工频耐受 电压 Power frequency voltage kV		雷电冲击 干耐受电压 Dry lightning impulse withstand voltage kV	工频击 穿电压 Power frequency puncture voltage kV	无线电干扰电压 Radio interference voltage		产品 质量 Unit mass kg
										湿 Wet	干 Dry			对地试验 电压 Test voltage to ground kV	1MHz时最 大值 Max. RIV at 1MHz μV	
XP-40	1	U40B	110	175	190	11	40	20	5	30	55	75	90	7.5	50	2.4
XP-40C	2	U40C	140	190	200	11C	40	20	5	30	55	76	90	7.5	50	2.7
XP-70	1	U70BL	146	255	295/340	16	70	35	6	40	70	100	110	10	50	4.6/5.3
XP-70C	2	U70C	146	255	295	16C	70	35	6	40	70	100	110	10	50	4.8
XP1-70	1	U70BS	127	255	295/320	16	70	35	6	40	70	100	110	10	50	4.6/4.8
XP4-70	1	U70BL	146	270	330	16	70	35	6	40	70	100	110	10	50	5.0
XP5-70	1	U70BL	146	200	210	16	70	35	6	30	50	80	110	10	50	3.7
XP-80	1	U80BM/L	140/146	255	295	16	80	40	6	40	70	100	110	10	50	4.9
XP-100	3	U100BL	146	255	295/320	16	100	50	7	40	70	100	110	10	50	5.7/6.0
XP3-100	3	U100BL	146	280	340	16	100	50	7	40	70	100	110	10	50	6.6
XP-120	3	U120B	146	255	295/320	16	120	60	7	40	70	100	110	10	50	5.7/6.0
XP2-120	3	U120B	146	280	320	16	120	60	7	40	70	100	110	10	50	6.8
XP-160	3	U160BM	155	255	305/360	20	160	80	10	40	70	100	110	10	50	7.4/8.2
XP1-160	3	U160BS	146	255	305/320	20	160	80	10	40	70	100	110	10	50	7.4/7.8
XP4-160	4	U160BM	155	300	400	20	160	80	10	45	75	110	110	10	50	9.4
XP5-160	4	U160BS	146	280	350/405	20	160	80	10	42	75	105	110	10	50	8.9/9.1
XP6-160	4	U160BM/L	155/170	280	380	20	160	80	10	42	75	105	110	10	50	8.9
XP8-160	3	U160BS	146	280	315	20	160	80	10	40	70	105	110	10	50	8.0
XP9-160	3	U160BM	155	280	315/350	20	160	80	10	40	70	105	110	10	50	8.0/8.4
XP13-160	4	U160BL	170	280	350/405	20	160	80	10	42	75	110	110	10	50	8.7/9.1
XP1-210	3	U210B	170	280	335	20/24	210	105	10	40	70	105	120	10	50	10.2/10.4
XP2-210	4	U210B	170	280	380/405	20/24	210	105	10	42	75	105	120	10	50	10.7/10.9
XP4-210	3	U210B	170	300	330	20	210	105	10	40	70	105	120	10	50	10.6
XP5-210	4	U210B	170	300	370/400	20/24	210	105	10	42	75	110	120	10	50	11.1/11.4
XP-240	4	U240B	170	280	405	24	240	120	10	45	75	110	120	10	50	11.1
XP-300	4	U300B	195	320/330	370/390	24	300	150	10	45	75	110	120	10	50	13.2/13.6
XP-400	4	U400B	205	360	525	28	400	200	10	50	90	140	130	10	50	18.6
XP2-400	5	U400B	205	340	550	28	400	200	10	50	90	140	130	10	50	19.5
XP-420	5	U420B	205	340	550	28	420	210	10	50	90	140	130	10	50	19.5
XP-530	5	U530B	240	380	600/700	32	530	265	10	55	95	140	140	10	50	25.5/29.0



Disc Type

交流耐污盘形悬式瓷绝缘子（双伞型和三伞型）
ANTI-POLLUTION SUSPENSION PORCELAIN INSULATOR (DOUBLE-SHED AND AND TRI-SHED TYPE)

CHINA

STANDARD

在轻污秽区的高压架空输电线路中需要用耐污绝缘子支持道线。耐污盘形悬式瓷绝缘子与普通盘形悬式瓷绝缘子具有相同的机电强度等级和连接结构。双伞型、三伞型产品属于敞开式结构造型，盘径大，爬距大，自洁性能好，耐污能力强，特别适合西北地区干旱、雨少、风沙大等气候条件。

Anti-pollution type disc suspension porcelain insulators are used to support and insulate conductors on the overhead high-voltage transmission lines in polluted areas. Anti-pollution type disc suspension porcelain insulators have the same E&M strength class and coupling size as the normal type. The double-shed and tri-shed type insulators hold open structure, with big diameter, large creepage distance, great self-clean function and strong resistance to pollution, specially serving in droughty, rainless and windy areas.

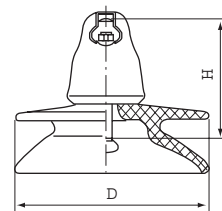


Fig 1

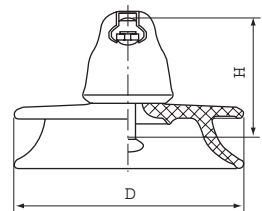


Fig 2

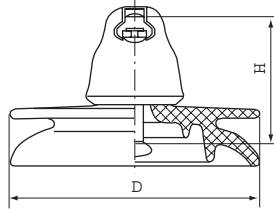


Fig 3

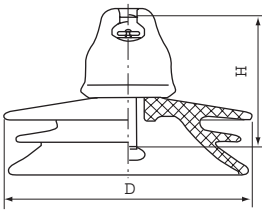


Fig 4

型号 Cat. No.	图 号 Fig.	绝缘 子 等级 Class	结构 高度 Unit spacing	公称 盘径 Nominal diameter	公称爬 电距离 Nominal creepage distance	连接标记 Coupling size	额定机电 破坏负荷 Rated E&M failing load kN	例行拉 伸负荷 Routine tension load kN	工频耐受 电压 Power frequency voltage kV		雷电冲击 干耐受电压 Dry lightning impulse withstand voltage kV	工频击 穿电压 Power frequency puncture voltage kV	无线电干扰电压 Radio interference voltage		产品 质量 Unit mass kg
													对地试验 电压 Test voltage to ground kV	1MHz时最 大值 Max. RIV at 1MHz μV	
XWP-70	1	U70BEL	155/160	255	400	16	70	35	42	80	120	120	10	50	5.9
XWP2-70	1	U70BLP	146	255	400/450	16	70	35	42	80	120	120	10	50	5.9/6.4
XWP3-70	1	U70BL/ELP	146/160	280	400/450	16	70	35	45	80	120	120	10	50	5.9/7.5
XWP4-70	2	U70BL	146	300	400	16	70	35	42	80	120	120	10	50	6.5
XWP1-100	1	U100BL	160	255	400	16	100	50	42	80	120	120	10	50	7.3
XWP2-100	1	U100BLP	146	255/280	450	16	100	50	45	80	120	120	10	50	6.7/8.1
XWP2-120	1	U120BP	146/160	280	450	16	120	60	45	80	120	120	10	50	8.4
XWP-160	2	U160BM	155	300	400	20	160	80	45	80	130	120	10	50	9.2
XWP1-160	1	U160BM	160	280	400	20	160	80	45	80	130	120	10	50	8.2
XWP2-160	1	U160BM/LP	155/170	300	450	20	160	80	45	80	130	120	10	50	9.1
XWP3-160	1	U160BMP	155	280	450	20	160	80	45	80	130	120	10	50	8.6
XWP5-160	3	U160BMP	155	300	450	20	160	80	45	80	130	120	10	50	9.9
XWP6-160	1	U160BLP	170	330	450	20	160	80	45	80	130	120	10	50	11.0
XWP7-160	1	U160BLP	170	340	525	20	160	80	50	90	135	130	10	50	10.9
XWP1-210	1	U210BP	170	300	450	20/24	210	105	45	80	130	130	10	50	12.0/11.7
XWP3-210	1	U210BP	170	350	525/545	20/24	210	105	50	90	135	130	10	50	13.6/13.8
XWP3-240	1	U240BP	170	360	525	24	240	120	50	90	135	130	10	50	14.4
XWP-300	1	U300BP	195	330	480	24	300	150	47	85	130	130	10	50	14.8
XSP-70	4	U70BLP	146	255/280	450	16	70	35	42	80	120	120	10	50	6.3/7.1
XSP-100	4	U100BELP	155/170	300	545	16	100	50	45	80	130	120	10	50	9.4
XSP2-100	4	U100BELP	160	280	450	16	100	50	42	80	130	120	10	50	8.6
XSP-160	4	U160BLP	170	330	545	20	160	80	50	90	130	130	10	50	11.8
XSP1-160	4	U160BMP	155	320/330	500	20	160	80	45	80	130	130	10	50	11.7
XSP2-160	4	U160BMP	160	325/330	545	20	160	80	50	90	130	130	10	50	11.9
XSP-210	4	U210BP	170	340	545	20	210	105	50	90	130	130	10	50	14.0
XSP-240	4	U240BP	170	360	545	24	240	120	50	90	130	130	10	50	15.0
XSP-300	4	U300BP	195	360	550	24	300	150	50	90	130	130	10	50	17.1



交流耐污盘形悬式瓷绝缘子（钟罩型和草帽型）

ANTI-POLLUTION SUSPENSION PORCELAIN INSULATOR (FOG TYPE AND AERODYNAMIC TYPE)

IEC

STANDARD

在轻污秽区的高压架空输电线路中需要用耐污绝缘子支持道线。耐污盘形悬式瓷绝缘子与普通盘形悬式瓷绝缘子具有相同的机电强度等级和连接结构。钟罩型产品爬距大，湿闪性能好，适合于沿海地区和多雨地带；草帽型产品属于流线型结构，积污率低，自洁性能好，在绝缘子串中可起到了特殊的保护作用。

Anti-pollution type disc suspension porcelain insulators are used to support and insulate conductors on the overhead high-voltage transmission lines in polluted areas. Anti-pollution type disc suspension porcelain insulators have the same E&M strength class and coupling size as the normal type. The fog type insulators usually serve in coastlands and rainy areas with large creepage distance structure and well flashover performance in wet condition. The aerodynamic type insulators, with streamline structure, low deposit rate of insolvable material and great self-clean function take the special protection effect in insulator stings.

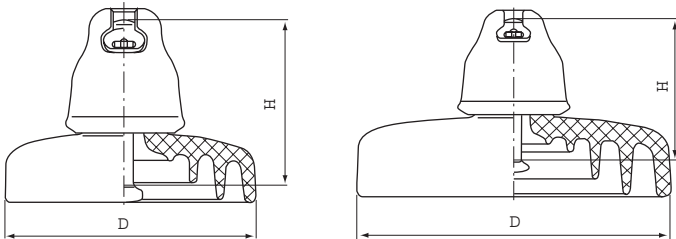


Fig 1

Fig 2

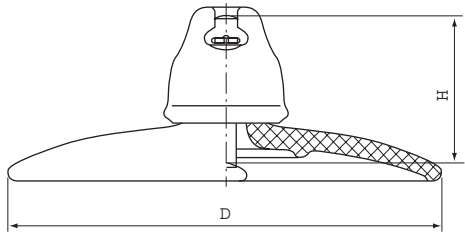


Fig 3

型号 Cat. No.	图号 Fig.	绝缘子等级 Class IEC	结构高度 Unit spacing H mm	公称盘径 Nominal diameter D mm	公称爬电距离 Nominal creepage distance L mm	连接标记 Coupling size	额定机电破坏负荷 Rtd E&M failing load kN	例行拉伸负荷 Routine tension load kN	打击破坏负荷 Impact failing load N.m	工频耐受电压 Power frequency voltage		雷电冲击耐受电压 Dry lightning impulse withstand voltage kV	工频击穿电压 Power frequency puncture voltage kV	无线电干扰电压 Radio interference voltage 对地试验电压 Test voltage to ground kV		产品质量 Unit mass kg
										湿 Wet	干 Dry			1MHz时最大值 RIV at 1MHz μV		
XHP-70	1	U70BLP	146	255	432/450	16	70	35	6	42	80	120	120	10	50	6.1/6.3
XHPs-70	1	U70BL	146	280	400	16	70	35	6	42	80	120	120	10	50	6.0
XHP-80	1	U80BM/LP	140/146	255	432	16	80	40	6	42	80	120	120	10	50	6.5
XHP-100	1	U100BEL	160	280	400/430	16	100	50	7	45	80	120	120	10	50	7.9/8.2
XHP2-100	1	U100BLP	146	255	432/450	16	100	50	7	42	80	120	120	10	50	7.7/7.9
XHP1-120	1	U120BP	146	255/280	432/450	16	120	60	7	45	80	120	120	10	50	760/820
XHP3-120	2	U120BP	146	320/330	555	16	120	60	7	55	80	135	130	10	50	10.3
XHP4-120	1	U120BP	160	255	432	16	120	60	7	42	80	120	120	10	50	8.2
XHP-160	1	U160BMP	155	280/300	450	20	160	80	10	45	80	120	130	10	50	10.1/10.3
XHP2-160	2	U160BMP	170	330/320	525/550	20	160	80	10	55	80	135	130	10	50	11.7/12.0
XHP5-160	2	U160BMP	155	330	450/550	20	160	80	10	45/55	80/90	120/135	130	10	50	10.3/12.0
XHP-210	1	U210BP	170	300	450	20/24	210	105	10	45	80	130	130	10	50	12.6/12.3
XHP1-210	2	U210BP	170	330	550	20	210	105	10	55	90	135	130	10	50	14.5
XHP1-240	2	U240BP	170	330	550	24	240	120	10	55	90	135	130	10	50	15.2
XHP-300	1	U300BP	195	320/330	485/505	24	300	150	10	45	80	130	130	10	50	15.2/15.7
XHP3-300	1	U300BP	200	320/330	450	24	300	150	10	45	80	130	130	10	50	15.1
XHP4-300	2	U300BP	195	380	690	24	300	150	10	60	100	140	140	10	50	21.4
XHP5-300	2	U300BP	195	360	600	24	300	150	10	55	90	135	130	10	50	19.1
XMP-70	3	U70BL	146	350	300	16	70	35	-	40	70	105	120	10	50	5.7
XMP-80	3	U80BL	146	325	305	16	80	40	-	40	70	95	120	10	50	5.6
XMP-100	3	U100BL	146	350	300	16	100	50	-	40	70	105	120	10	50	6.7
XMP2-160	3	U160BS	146	425	385	20	160	80	-	45	75	110	130	10	50	10.6



棒形悬式瓷绝缘子

LONG-ROD SUSPENSION PORCELAIN INSULATOR

IEC

STANDARD

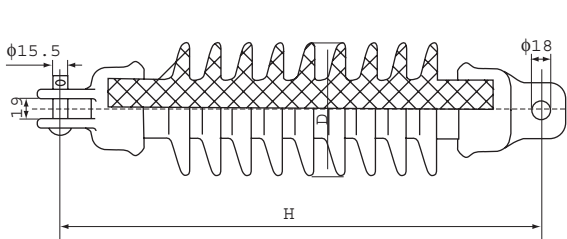


Fig 1

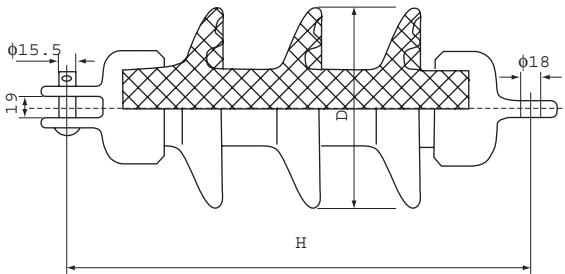


Fig 2

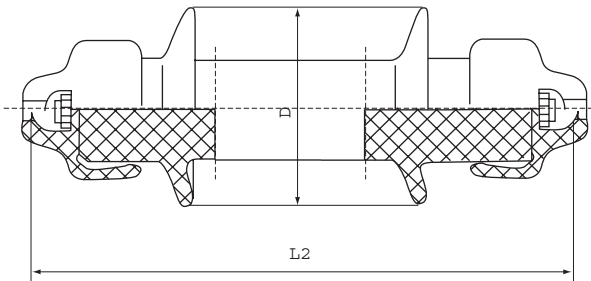


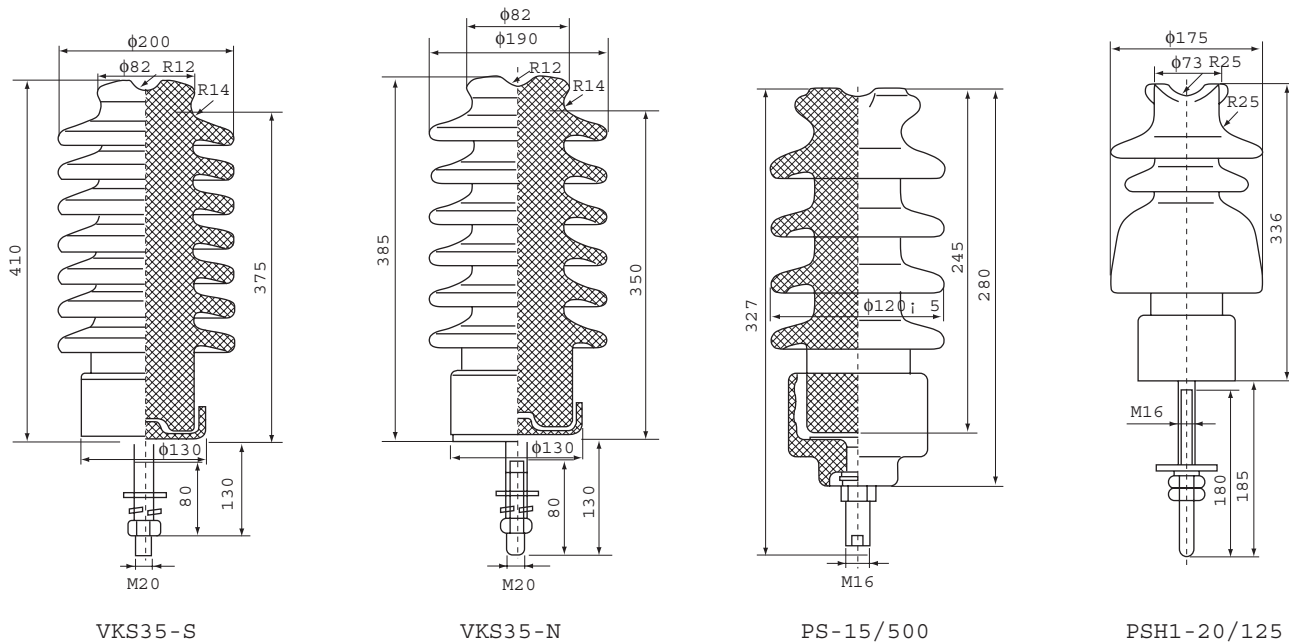
Fig 3

产品代号 Cat. No.	图号 Fig.	高度 Spacing H mm	公称盘径 Nomial diameter D mm	公称爬电距离 Nominal creepage distance mm	机械破坏负荷 Mechanical failing load kN	例行拉伸负荷 Routine tensile load kN	连接标志 Coupling size	温度循环 Temper-ature cycle	孔隙性试验 Porosity test	一分钟工频湿耐受电压 Power-freq. withstand voltage kV	雷电冲击干耐受电压 Dry lightning impulse withstand voltage kV	重量 Weight kg	执行标准 Appli-cable standard
15002	1	438	135	863	40	32	16L	70K/3times	180Mpa · h	65	213	7.6	IEC 60383
15003	2	423	180	550	70	56	16L	70K/3times	180Mpa · h	70	170	10	
15004	3	390	150	500	70	56	16B	70K/3times	180Mpa · h	70	170	9.0	
15005	3	440	160	650	70	56	16B	70K/3times	180Mpa · h	85	200	9.6	



柱式绝缘子
LINE POST INSULATORS

DIN
STANDARD

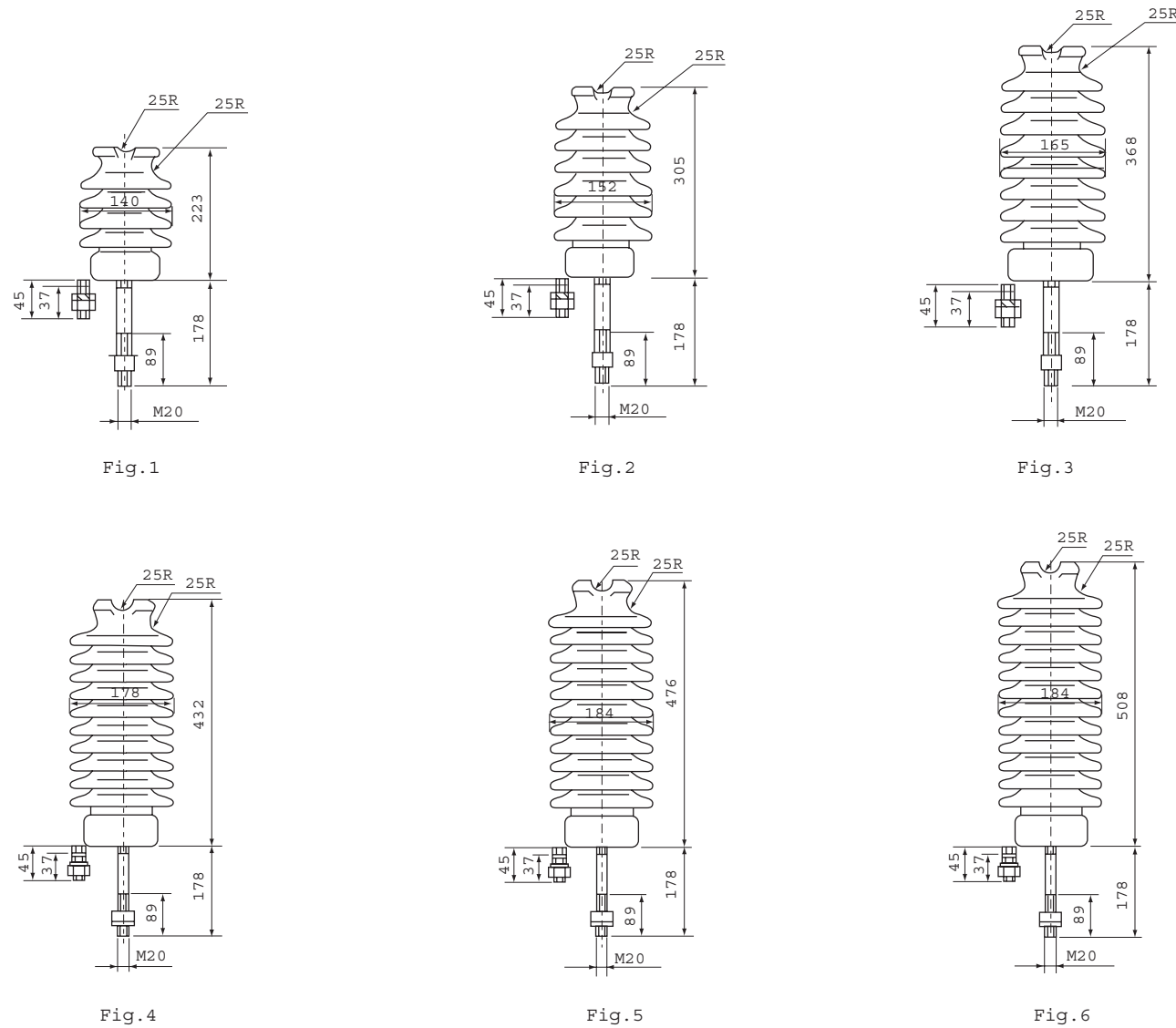


型号 Cat. No.	泄漏距离 Leakage distance mm	干弧距离 Dry arcing distance mm	抗弯强度 Cantilever strength kN	平均闪络电压 Average flashover voltage kV				无线电干扰电压 Radio influence voltage	
				工频 Power frequency		临界冲击 Critical Impulse		对地试验电压 Test voltage to ground kV	1MHz时最大值 Max. RIV at 1MHz μV
				干 Dry	湿 Wet	正 Positive	负 Negative		
VKS35-S	900		8	100	70	170			
VKS35-N	720		8	100	70	170			
PS-15/500	375		13	80	60				
PSH1-20/125	520	260	125	90	65	150		22	100



高压线路柱式瓷绝缘子
LINE POST PORCELAIN INSULATOR

ANSI
STANDARD

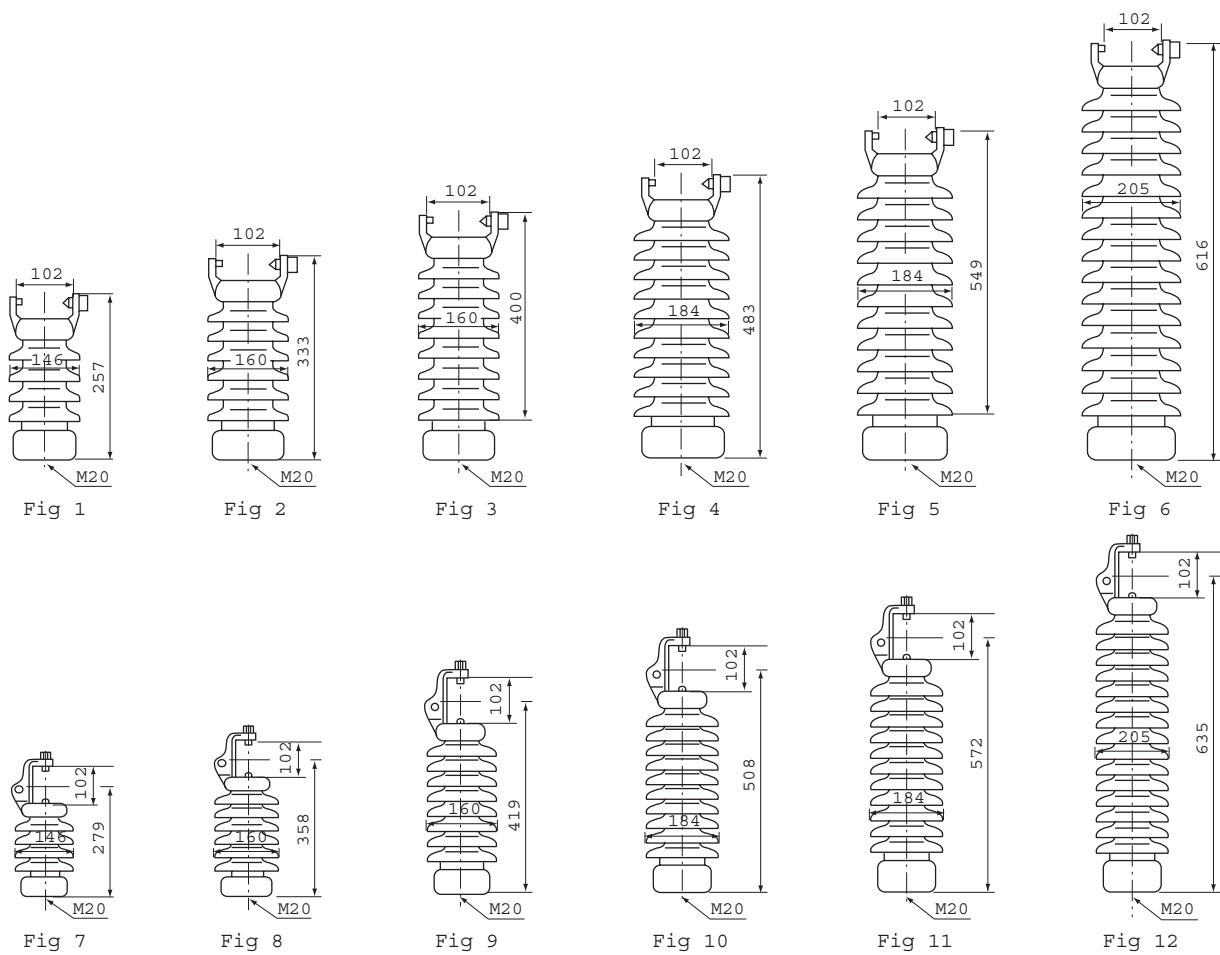


产品 代号 Cat. No.	图 号 Fig.	美标 等级 ANSI Class	爬电距离 Creepage Distance	干弧距离 Dry arcing distance	抗弯强度 Cantilever strength	工频闪络电压				无线电干扰电压		重量 Weight	执行标准 Applicable standard
						Power frequency voltage kV				Radio influence voltage			
						工频		临界冲击		对地试验电压 Test voltage to ground	1MHz时最大值 Max. RIV at 1MHz		
						干 Dry	湿 Wet	正 Positive	负 Negative				
12001	1	57-1S 57-1L	356	165	12.5	70	50	120	155	15	100	5	ANSI C29.7
12002	2	57-2S 57-2L	559	241	12.5	100	70	160	205	22	100	9.8	
12003	3	57-3S 57-3L	737	311	12.5	125	95	200	260	30	200	12	
12004	4	57-4S 57-4L	1015	368	12.5	140	110	230	340	44	200	16	
12005	5	57-5S 57-5L	1145	438	12.5	160	130	265	380	44	200	18	
12006	6	57-6S 57-6L	1364	489	12.5	180	150	300		44	200	20.5	



高压线路柱式瓷绝缘子
LINE POST PORCELAIN INSULATOR WITH TOP CLAMP

ANSI
STANDARD

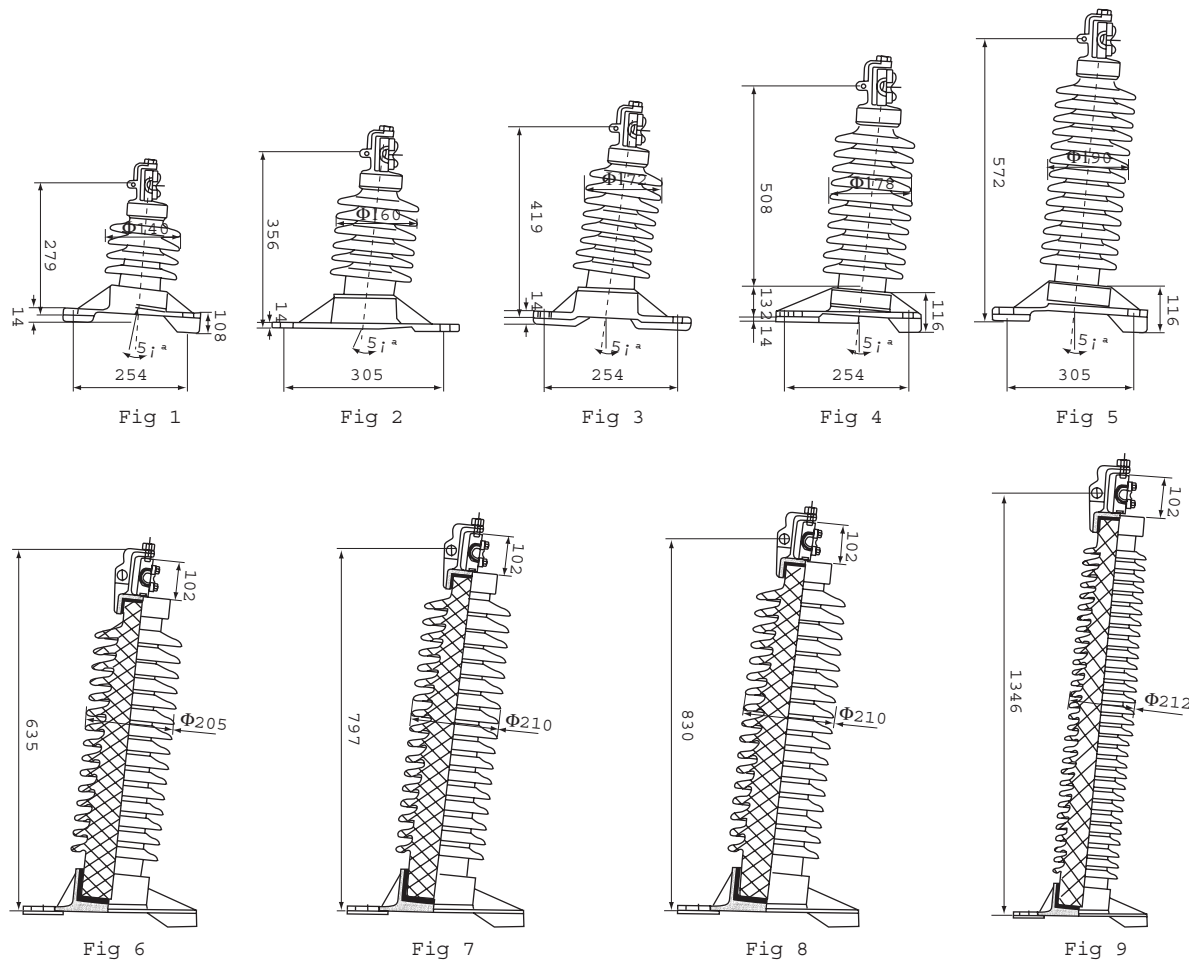


产品 代号 Cat. No.	图 号 Fig.	美标 等级 ANSI Class	爬电距离 Creepage Distance mm	干弧距离 Dry arcing distance mm	抗弯强度 Cantilever strength kN	工频闪络电压 Flashover voltage kV				无线电干扰电压 Radio influence voltage		重量 Weight kg	执行标准 Applicable standard
						工频 Power frequency		临界冲击 Critical Impulse		对地试验电压 Test voltage to ground kV	1MHz时最大值 Max. RIV at 1MHz μV		
						干 Dry	湿 Wet	正 Positive	负 Negative				
12011	1	57-11	356	165	12.5	70	50	120	155	15	100	6.8	ANSI C29.7
12012	2	57-12	559	241	12.5	100	70	160	205	22	100	10	
12013	3	57-13	737	311	12.5	125	95	200	260	30	200	11.8	
12014	4	57-14	1015	368	12.5	140	110	230	340	44	200	15.9	
12015	5	57-15	1145	438	12.5	160	130	265	380	44	200	18.6	
12016	6	57-16	1346	489	12.5	180	140	300	390	44	200		
12021	7	57-21	356	165	12.5	70	50	120	155	10	100	7.5	
12022	8	57-22	559	241	12.5	100	70	160	205	22	100	10.5	
12023	9	57-23	737	311	12.5	125	95	200	260	30	200	12.7	
12024	10	57-24	1015	368	12.5	140	110	230	340	44	200	16.8	
12025	11	57-25	1145	438	12.5	160	130	265	380	44	200	19.5	
12026	12	57-26	1346	489	12.5	180	140	300	390	44	200		



高压线路柱式瓷绝缘子
LINE POST PORCELAIN INSULATOR

ANSI
STANDARD



产品 代号 Cat. No.	图 号 Fig.	美标 等级 ANSI Class	爬电距离 Creepage Distance	干弧距离 Dry arcing distance	抗弯强度 Cantilever strength	工频闪络电压				无线电干扰电压		重量 Weight kg	执行标准 Applicable standard
						Flashover voltage kV				Radio influence voltage			
						工频		临界冲击		对地试验电压 Test voltage to ground kV	1MHz时最大值 Max. RIV at 1MHz μV		
						干 Dry	湿 Wet	正 Positive	负 Negative				
12031	1	57-31	256	165	12.5	70	50	120	155	15	100	9.5	ANSI C29.7
12032	2	57-32	559	241	12.5	100	70	160	205	22	100	12.5	
12033	3	57-33	737	311	12.5	125	95	200	260	30	200	15.7	
12034	4	57-34	1016	368	12.5	140	110	230	340	44	200	18.8	
12035	5	57-35	1143	438	12.5	160	130	265	380	44	200	21.5	
12036	6	57-36	1800	489	12.5			300			200		
12038	7	57-38	1728		12.5			390					
12039	8	57-39	1805		12.5			430					
12053	9	57-□□	2920		12.5			550					



高压电器 柱式瓷绝缘子
SOLID-CORE STATION POST INSULATOR

ANSI
STANDARD

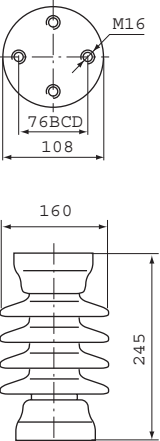


Fig 1

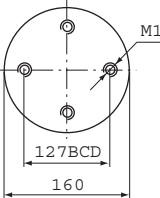


Fig 6

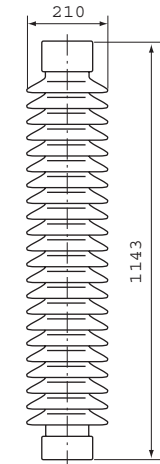


Fig 7

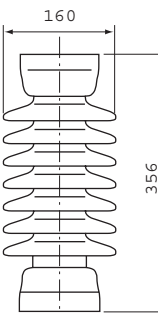


Fig 2

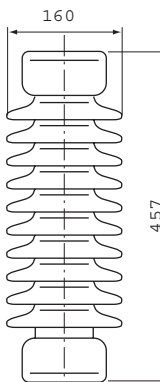


Fig 3

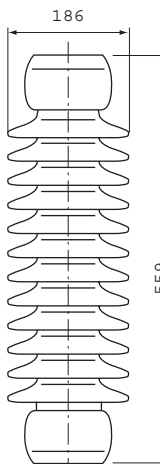


Fig 4

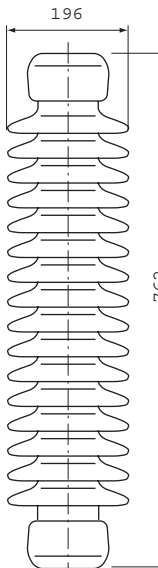


Fig 5

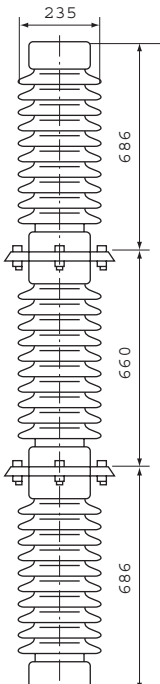


Fig 8

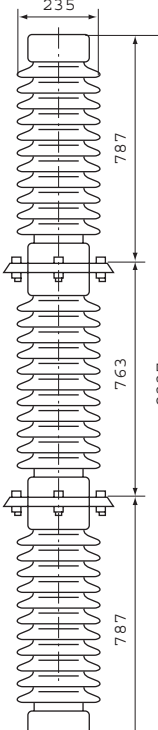
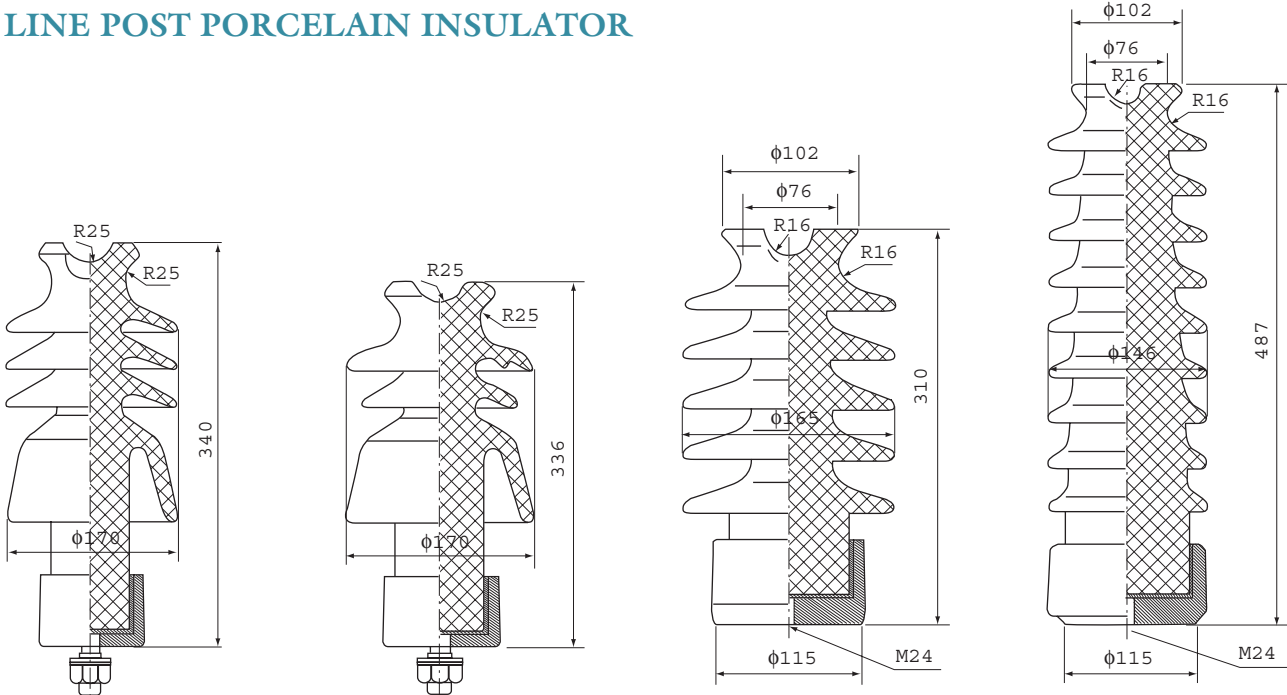


Fig 9



产品 代号 Cat. No.	图 号 Fig.	美标 等级 ANSI Class	爬电 距离	抗弯 强度	拉伸 强度	扭转 强度	压缩 强度	工频闪络电压				低频耐受电压		冲击耐受 电压	重量	执行 标准
			Creep- age	Cantile- ver	Tensile strength	Torsion strength	Com- pression strength	Flashover voltage kV		Low frequency withstand		Impulse	Weight kg	Appli- cable stan- dard		
			Distance	strength				voltage		voltage		withstand				
			mm	kN	kN	N.m	kN	Power frequency	Critical Impulse	Dry withstand	Wet withstand	voltage kV				
								干	湿	正	负	Dry	Wet	kV	kV	
22008	1	TR-205	394	8.9	38	791	44.5	85	55	125	200	50	45	110	7	ANSI C29.7
22009	2	TR-208	610	8.9	44.5	904	44.5	110	75	170	250	70	60	150	11	
22010	3	TR-210	940	8.9	53	1130	66.7	145	100	225	290	95	80	200	16	
22011	4	TR-214	1092	8.9	62	1356	66.7	170	125	280	340	120	100	250	21	
22012	5	TR-216	1829	6.7	71	1695	111	235	180	390	475	175	145	350	30	
22013	6	TR-286	2515	7.56	89	4520	4520	267	385	285	780	280	280	550	62	
22014	7	TR-288	2946	6.23	89	4520	4520	267	435	335	900	335	335	650	71	
22015	8	TR-308	4191	6.45	111	10170	10170	333	575	475	1240	465	465	900	122	
22016	9	TR-316	5029	5.56	111	10170	10170	333	660	570	1450	545	545	1050	150	

高压线路柱式瓷绝缘子
LINE POST PORCELAIN INSULATOR

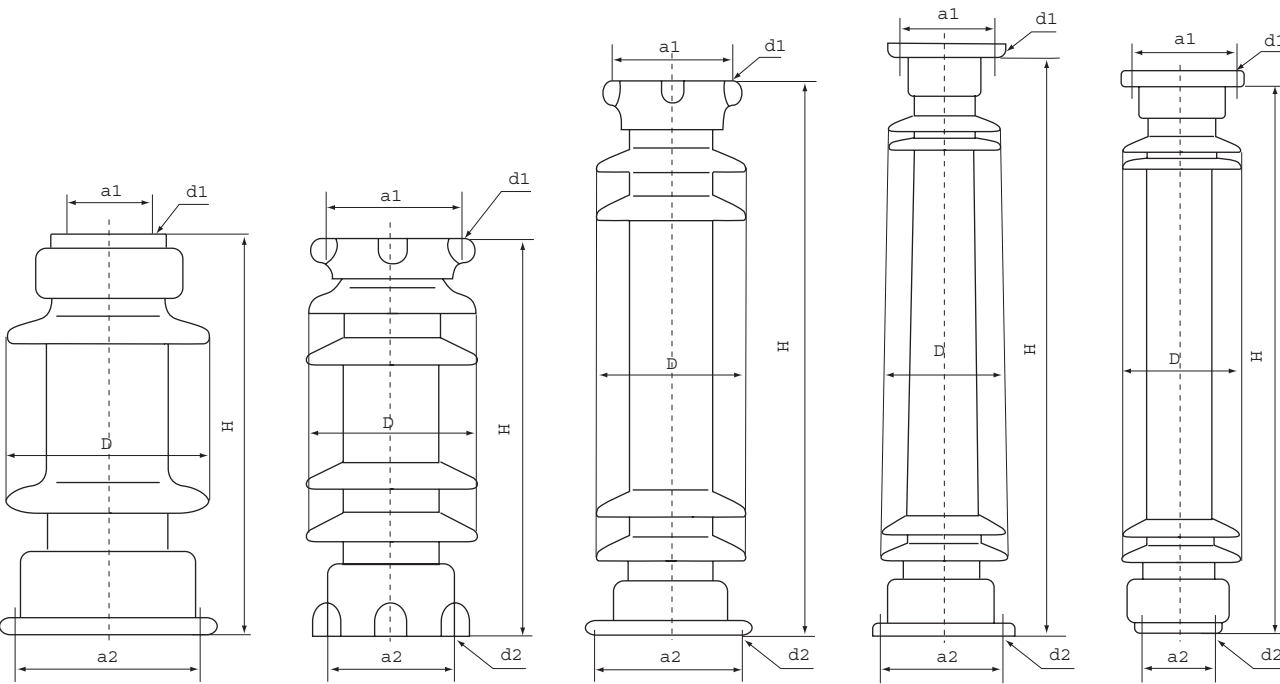


产品代号 Cat. No.	图 号 Fig.	最小爬电距离 Leakage distance min. mm	最小保护爬距 Protective leakage distance min. mm	最小抗弯破坏负荷 (不小于) Min. Cantilever failing load kN	一分钟工频湿耐受 电压 (不小于) Power-freq. 1min wet withstand voltage kV	雷电冲击 耐受电压 Lightning impulse withstand voltage kV	重量 Weight kg	执行标准 Applicable standard
11005	1	530	250	12.5	50	150	9.8	IEC383 AS2947.2
11006	2	500	250	12.5	65	150	9.4	
11002	3	565	220	12.5	50	150	7.5	
11007	4	610	240	12.5	50	150	13.3	



10-110kV 普通棒形支柱瓷绝缘子
10-110kV COMMON SOLID-CORE POST PORCELAIN INSULATORS

IEC
STANDARD

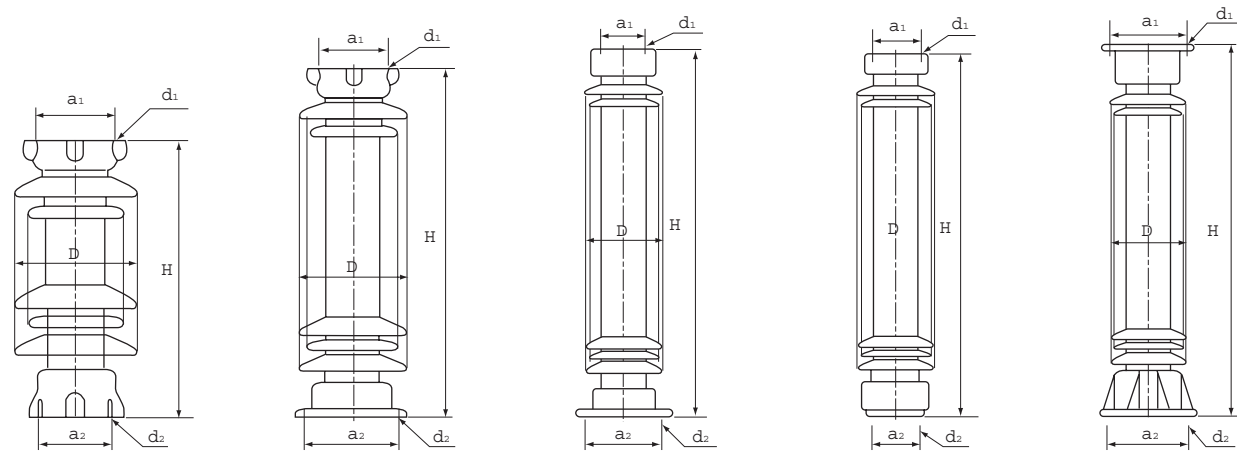


产品 代号 Cat. No.	产品 型号 Type	额定电压 Rated voltage kV	图 号 Fig.	主要尺寸 Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg	执行 标准 Applicable standard
				H	D	a1	d1	a2	d2	爬电距离 Creepage distance	弯曲 Cantilever kN	扭转 Torsion kN.m		
21001	ZS-10/4	10	1	210	145	36	2-M8	130	2-φ12	200	4	-	IEC273	
22001	ZS20/8	20	2	350	185	76	2-M12	180	4-φ14	400	8	-		
22002	ZS20/16	20	3	350	210	140	4-M12	210	4-φ18	400	16	-		
22003	ZS20/30	20	3	400	230	140	4-M12	250	4-φ18	400	30	-		
23001	ZS35/4	35	4	400	185	140	4-φ14	140	4-φ14	625	4	1		
23002	ZS35/6	35	2	420	160	140	4-M12	140	4-M12	-	6	1		
23003	ZS35/8	35	3	420	200	140	4-M12	180	4-φ14	625	8	1.5		
23004	ZSX-35/4	35	4	400	185	140	4-φ14	140	4-φ14	625	4	1		
26001	ZS-63/4	63	3	760	200	140	4-M12	180	4-φ14	1100	4	1.5		
26002	ZS-63/4L	63	2	785	200	140	4-M12	140	4-M12	1100	4	1.5		
26003	ZSX-63/4	63	5	760	200	180	4-φ14	140	4-M12	1100	4	1.5		
26004	ZS-63/8	63	3	710	180	140	4-M12	225	4-φ18	-	8	1.5		
27001	ZS-110/4	110	3	1060	210	140	4-M12	225	4-φ18	1870	4	2		
27002	ZS-1060-8.5	220 (下)	4	1060	270	225	4-φ18	250	4-φ18	1870	8.5	2		
27003	ZS-110/5	110	3	1060	210	140	4-M12	225	4-φ18	1925	5	2		
27004	ZS-110/4L	110	2	1080	210	140	4-M12	140	4-M12	1870	4	2		
27011	ZSX-110/4	110	5	1060	210	225	4-φ18	140	4-M12	1870	4	2		
27012	ZS-1060-11	220 (下)	4	1060	225	225	4-φ18	250	4-φ18	1815	11	-		
27013	ZS-1060-13	220 (下)	4	1060	250	250	8-φ18	250	4-φ18	1870	13	-		



35-110kV 耐污棒形支柱瓷绝缘子
35-110kV ANTI-POLLUTION SOLID-CORE POST PORCELAIN INSULATORS

IEC
STANDARD



产品 代号 Cat. No.	产品 型号 Type	额定电压 Rated voltage kV	图 号 Fig.	主要尺寸 Main dimension mm							爬电距离 Creepage distance	机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg	执行 标准 Applicable standards
				H	D	a1	d1	a2	d2	弯曲 Cantilever kN		扭转 Torsion kN.m			
23006	ZSW-35/4	35	6	600	190	140	4-M12	140	4-M12	1200	4	1	22.4	IEC273	
23007	ZSW1-35/6	35	6	455	195	140	4-M12	140	4-M12	900	6	1	20.5		
23008	ZSW-35/8	35	7	445	232	140	4-M12	180	4-φ14	1012	8	4	22		
27014	ZSW2-110/4	110	6	1080	225	140	4-M12	140	4-M12	2750	4	2	60.0		
27015	ZSW3-110/4	110	7	1060	225	140	4-M12	225	4-φ18	2860	4	2	262.0		
27016	ZSW4-1060-8.5	220 (下)	8	1200	255	225	4-φ18	250	4-φ18	2860	8.5	-	76.5		
27017	ZSW5-1200-8.5	220 (下)	8	1060	254	225	4-φ18	250	4-φ18	2750	8.5	-	83.2		
27018	ZSXW-110/4	110	9	1150	235	225	4-φ18	140	4-M12	2750	4	-	59		
27019	ZSW-110/6	110	7	1150	250	140	4-M12	225	4-φ18	3150	6	2	73.0		
27020	ZSW-1150-12.5	220 (下)	8	1150	260	225	4-φ18	250	8-φ18	3150	12.5	2	88.0		
27021	ZCW-1150-N2	110	8	1150	202	160	4-φ13	160	4-φ13	3150	-	2	52		
27022	ZSW-110/8	110	7	1200	230	127	4-M16	225	4-φ18	2520	8	4	75		
27023	ZSW-1200-16	220 (下)	10	1200	254	225	4-φ18	250	8-φ18	2520	16	4	109.0		
27024	ZCW-1200-N2	110	8	1200	202	160	4-φ13	160	4-φ13	3150	-	2	53		
27025	ZWC-1150-N4	110	8	1150	206	180	4-φ13	180	4-φ13	2750	-	4	55		
27026	ZSW-110/8	110	7	1200	250	127	4-M16	225	4-φ18	3150	8	4	79.0		
27027	ZSW-1200-16	220 (下)	10	1200	264	225	4-φ18	250	8-φ18	3150	16	4	110.0		
27028	ZSW-110/10	110	8	1200	260	250	4-φ18	275	8-φ18	3150	10	6	100		
27029	ZSW-1200-20	220 (下)	10	1200	280	275	4-φ18	280	8-φ18	3150	20	6	121		
27030	ZSW-1150-24	220 (下)	10	1150	300	250	4-φ18	275	8-φ18	3150	24	6	144		
27031	ZSW-1200-24	220 (下)	10	1200	300	250	4-φ18	275	8-φ18	3150	24	6	146		
27032	ZSW-110/4	110	7	1060	246	140	4-M12	225	4-φ18	2750	4	2	68		
27033	ZSW1-1060-8.5	220 (下)	8	1060	260	225	4-φ18	250	8-φ18	2750	8.5	2	84		
27034	ZSW-110/6	110	7	1150	250	140	4-M12	225	4-φ18	2750	6	2	79		
27035	ZSW-1150-12.5	220 (下)	8	1150	260	225	4-φ18	250	4-φ18	2750	12.5	2	94		
27036	ZSW-110/6	110	7	1150	250	140	4-M12	225	4-φ18	2750	6	2	79		
27037	ZSW-1150-12.5	220 (下)	8	1150	260	225	4-φ18	250	8-φ18	2750	12.5	2	93.5		

Post Type



IEC
STANDARD

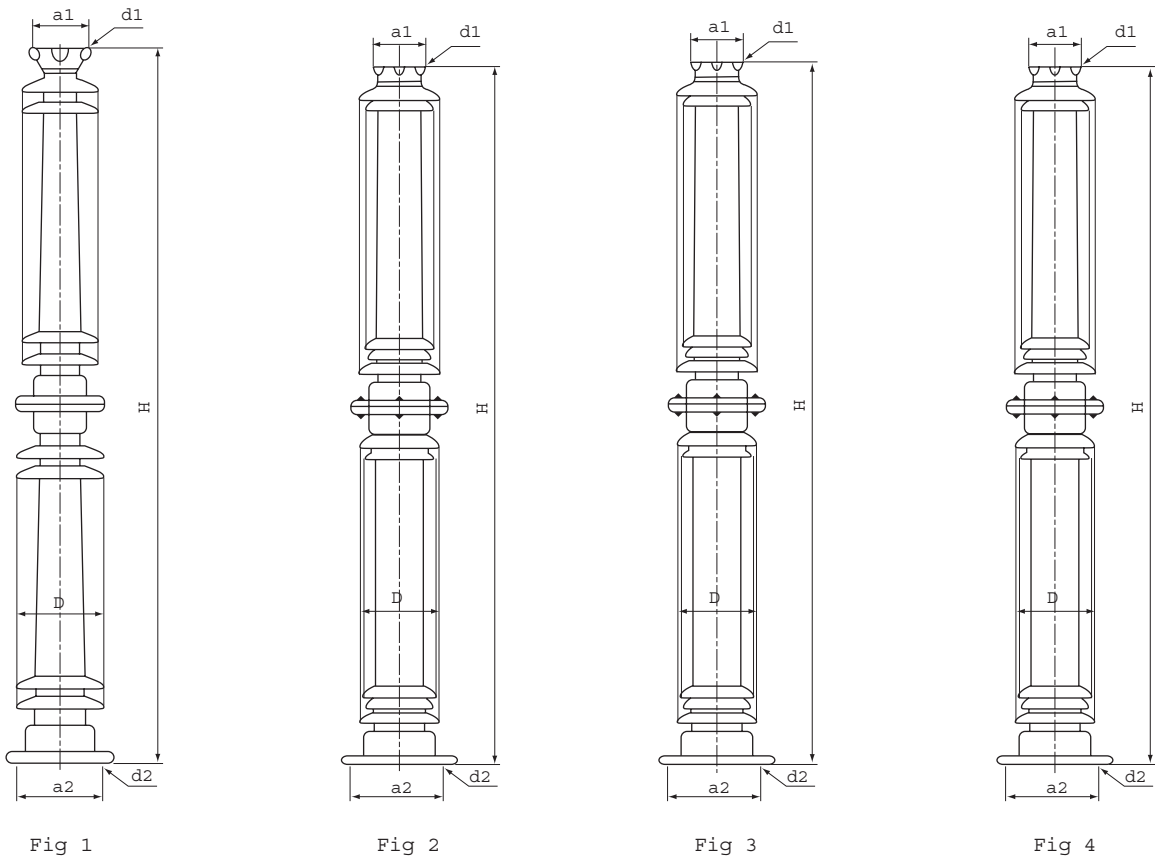
产品 代号 Cat. No.	产品 型号 Type	额定电压 Rated voltage kV	图号 Fig.	主要尺寸 Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg	执行标准 Applicable standard
				H	D	a1	d1	a2	d2	爬电距离 Creepage distance	弯曲 Cantilever kN	扭转 Torsion kN.m		
27038	ZSW-110/4	110	7	1170	250	140	4-M12	225	4-φ18	2750	6	2	8	IEC273
27039	ZSW-1200-12	220 (下)	8	1200	260	225	4-φ18	254	8-φ18	2750	12	2	102.5	
27040	ZSXW-1200-12	220 (下)	8	1200	260	269	8-φ18	225	4-φ18	2750	12	2	104	
27041	ZSXW-110/6	110	9	1170	250	225	4-φ18	190	4-M12	2750	6	2	87.5	
27042	ZSW-110/8	110	7	1200	250	127	4-M16	286	6-φ18	2750	8.5	2	92.5	
27043	ZSW-1200-17	220 (下)	8	1200	280	286	6-φ18	286	6-φ18	2750	17	2	114.5	
27044	ZCW-1150-N2	110	8	1150	208	160	4-φ18	160	4-φ13	2750	-	2	52	
27045	ZCW-1150-N2.5	110	7	1200	208	127	4-M16	160	4-φ18	2750	-	2.5	50.5	
27046	ZCW-1150-N2.5	110	9	1200	208	160	4-φ18	127	4-M16	2750	-	2.5	50.5	
27047	ZSW-110/6	110	6	1200	250	140	4-M12	140	4-M12	3150	6	2	70	
27006	ZSW-110/6	110	6	1150	260	140	4-M12	140	4-M12	3150	6	2	80	
27048	ZSW-110/10	110	8	1150	250	225	4-φ18	225	4-φ18	3150	10	4	85	
27049	ZSW-1150-20	220 (下)	10	1150	278	225	4-φ18	254	8-φ18	3150	20	4	99	
27050	ZSW6-110/4	110	7	1222	240	127	4-M16	225	4-φ18	2750	4	2	62	
27051	ZSW-110/10	110	8	1200	260	225	4-φ18	225	4-φ18	3150	10	4	81	
27052	ZSW-1200-20	220 (下)	10	1200	278	225	4-φ18	254	8-φ18	3150	20	4	110	
27053	ZSW1-110/4	110	6	1212	240	140	4-M12	140	4-M12	2750	4	2	59.5	
27054	ZSW7-110/4	110	6	1190	200	140	4-M12	140	4-M12	2750	4	2	63	
27055	ZSWX2-110/4	110	8	1060	190	250	4-φ18	225	4-φ18	2750	4	2	49.5	
27056	ZSW-110/4	110	7	1170	238	140	4-M12	225	4-φ18	2750	4	2	70	
27057	ZSW-110/4	110	7	1170	246	140	4-M12	225	4-φ18	3150	4	2	76	
27058	ZSW-110/4	110	7	1400	250	140	4-M12	225	4-φ18	3300	4	2	78	
27059	ZCW-110/N2	110	8	1150	222	180	4-φ13	180	4-φ13	3150		2	63	
27060	ZCW-126/N2	110	8	1200	235	127	4-M16	225	4-φ18	3150		2	72	
27061	ZSW-110/9	110	8	1200	260	127	4-M16	286	6-φ18	3150	9	4	101	
27062	ZSW-1200-18	110	10	1200	280	286	6-φ18	286	6-φ18	3150	18	4	118	
27063	ZSW-110/6	110	8	1170	222	140	4-M12	225	4-φ18	2750	6	3.5	70	
27064	ZSW-1200-12.5	110	10	1200	250	225	4-φ18	270	4-φ18	2750	12.5	3.5	93	
27065	ZSW-110/6	110	8	1170	230	140	4-M12	225	4-φ18	3150	6	3.5	75	
27066	ZSW-1200-12.5	110	10	1200	260	225	4-φ18	270	4-φ18	3150	12.5	3.5	95	
27067	ZSW-110/9	110	8	1200	260	225	4-φ18	254	8-φ18	3150	9	4	93	
27068	ZSW-1200-18	110	10	1200	280	254	8-φ18	254	8-φ18	3150	18	4	119	
27069	ZSW-110/4L	110	8	1200	270	140	4-M12	225	4-φ18	3650	4	2	90	
27070	ZSW-110/4L	110	8	1200	275	140	4-M12	225	4-φ18	39066	4	2	95	
27071	ZSW-110/4L	110	8	1190	228	140	4-M12	140	4-M12	2750	4	2	69	
27072	ZSW-110/4	110	8	1200	228	140	4-M12	225	4-φ18	2750	4	2	74	
27073	ZSW-110/4L	110	8	1190	246	140	4-M12	140	4-M12	3150	4	2	72	
27074	ZSW-110/8K-3	110	10	1150	250	225	4-φ18	250	4-φ18	3150	8	4	85	
27075	ZSW-110/4	110	10	1150	238	190	4-φ14	225	4-φ18	3150	4	4	65	
27076	ZSW-110/4	110	8	1150	238	140	4-M12	225	4-φ18	3150	4	4	63	
27077	ZSW-1150-8	110	10	1150	255	225	4-φ18	250	4-φ18	3150	4	4	72	
27078	ZSW-110/8	110	8	1200	260	127	4-M16	250	8-φ18	3150	8	4	96	
27079	ZSW-1200-17	110	10	1200	278	250	8-φ18	250	8-φ18	3150	17	4	112	
27080	ZCW-1200-N2	110	8	1200	240	127	4-M16	225	4-φ18	3150		2	85	
27081	ZCW-1200-N2	110	9	1200	240	225	4-φ18	127	4-M16	3150		2	85	
27082	ZSW--110/8	110	10	1150	254	225	4-φ18	225	4-φ18	3150	8	4	85	
27083	ZSW-1150-16	110	10	1150	279	225	4-φ18	250	8-φ18	3150	16	4	110	
27084	ZCW-1150-N4	110	8	1150	222	160	4-φ14	160	4-φ14	3150	4	4	57	



Post Type

220kV 棒形支柱瓷绝缘子
220kV SOLTD-CORE POST PORCELAIN INSULATORS

IEC
STANDARD



产品 代号 Cat. No.	产品 型号 Type	额定电压 Rated voltage kV	图 号 Fig.	主要尺寸 Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg	执行 标准 Applicable standard
				H	D	a1	d1	a2	d2	爬电距离 Creepage distance	弯曲 Cantilever kN	扭转 Torsion kN.m		
28001	ZS-220/4	220	1	2120	270	140	4-M12	250	4-φ18	3740	4	2	130	IEC273
28002	ZSW1-220/4	220	2	2120	255	140	4-M12	250	4-φ18	5500	4	4	140	
28003	ZS-220/5	220	2	2120	225	140	4-M12	250	4-φ18	3740	5	2	137	
28004	ZS-220/6	220	3	2120	250	225	4-φ18	250	8-φ18	3740	6	4	175	
28005	ZSW-220/5	220	2	2300	260	140	4-M12	250	8-φ18	5500	5	2	173	
28006	ZSW-220/6	220	2	2300	260	140	4-M12	250	8-φ18	6300	6	2	183	
28007	ZSW-220/6	220	2	2300	260	140	4-M12	250	4-φ13	5500	5	2	173	
28008	ZCW-220/N2	220	3	2300	202	160	4-φ13	160	8-φ18	6300	—	2	104	
28009	ZSW-220/8	220	2	2400	254	127	4-M16	250	4-φ18	5040	8	4	184	
28010	ZSW-252/8	252	2	2400	280	127	4-M16	286	6-φ18	5500	8	4	270	
28011	ZCW-220/N2	220	3	2400	220	160	4-φ13	160	4-φ13	6300	—	2	160	
28012	ZCW-252/N2.5	252	4	2400	208	127	4-M16	127	4-M16	5500	—	2.5	101	
28013	ZSW-220/8	220	2	2400	264	127	4-M16	250	8-φ18	6300	8	4	189	



220kV 耐污棒形支柱瓷绝缘子

220kV ANTI-POLLUTION SOLID-CORE POST
PORCELAIN INSULATORS

IEC
STANDARD

产品 代号 Cat. No.	产品 型号 Type	额定电压 Rated voltage kV	图 号 Fig.	主要尺寸 Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg	执行 标准 Applicable standard
				H	D	a1	d1	a2	d2	爬电距离 Creepage distance				
											弯曲 Cantilever kN	扭转 Torsion kN.m		
28014	ZSW-252/8	220	2	2400	285	127	4-M12	φ286	6-φ18	7812	8	4	211	IEC273
28015	ZCW-252	220	4	2400	260	127	4-M16	φ127	4-M16	7812	1	1.5	132	
28016	ZSW-220/8	220	3	2400	278	127	4-M16	φ250	8-φ18	6300	8	4	208	
28017	ZSW-220/8	220	3	2400	278	127	4-M16	φ286	6-φ18	6300	8	4	208	
28018	ZCW-220	220	4	2400	240	127	4-M16	φ127	4-M16	6300	1	2	170	
28019	ZSW-220/9	220	3	2400	280	127	4-M16	φ286	6-φ18	6300	9	4	219	
28020	ZSW-220/6	220	3	2730	250	140	4-M12	φ270	4-φ18	5500	6	3.5	163	
28021	ZSW-220/6	220	3	2370	260	140	4-M12	φ270	4-φ18	6300	6	3.5	175	
28022	ZSW-220/9	220	3	2400	280	225	4-φ18	φ250	8-φ18	6300	9	4	224	
28023	ZSXW-220/6	220	2	2440	285	250	4-φ18	φ140	4-M12	7812	6	4	208	
28024	ZSW-220/8	220	3	2440	267	140	4-M12	φ250	4-φ18	7812	8	4	185	
28025	ZSW-220/8	220	3	2440	289	225	4-φ18	φ250	8-φ18	7812	8	4	195	
28026	ZCW-252	220	2	2300	222	180	4-φ13	φ180	4-φ13	6300	1	1.5	126	
28027	ZSW-220/12.5	220	1	2370	281	225	4-φ18	φ250	8-φ18	4056	12.5	4	213	
28028	ZSW-220/8	220	3	2300	260	225	4-φ18	φ250	8-φ18	6300	8	4	195	
28029	ZCW-220	220	2	2300	222	160	4-φ14	φ160	4-φ14	6300	4	4	102	
28030	ZSW-220/4K	220	3	2300	260	190	4-φ14	φ250	4-φ18	6300	4	2	160	
28031	ZSW-220/4	220	2	2300	260	140	4-M12	φ250	4-φ18	6300	4	2	160	
28032	ZSXW-220/6-3	220	3	2350	260	250	8-φ18	φ140	4-M12	6300	6	2	189	
28033	ZSW-220/4-3	220	3	2300	250	140	4-M12	φ225	4-φ18	6300	4	2	158	
28034	ZSW-252/4	220	2	2320	260	140	4-M12	φ250	4-φ18	6300	4	2	177	
28035	ZSW-252/10K	220	3	2350	270	225	4-φ18	φ286	6-φ18	6300	10	6	216	
28036	ZSW1.1-252/4	220	3	2300	220	210	4-φ18	φ210	4-φ18	6300	1	2	95	
28037	ZSW1.1-252/4	220	3	2120	250	140	4-M12	φ270	4-φ18	5500	4	2	134	
28038	ZSW1.3-252/4	220	2	2300	250	190	4-φ14	φ250	4-φ18	5500	4	2	140	
28039	ZSW1.4-252/4	220	3	2300	250	140	4-M12	φ250	4-φ18	5500	4	2	138	
28040	ZSW1.8-252/4	220	3	2300	250	140	4-M12	φ250	4-φ18	6300	4	2	143	
28041	ZSW1.10-252/4	220	2	2420	270	140	4-M12	φ270	4-φ18	6820	4	2	165	



熔断器瓷件

CUTOUT FUSE INSULATOR

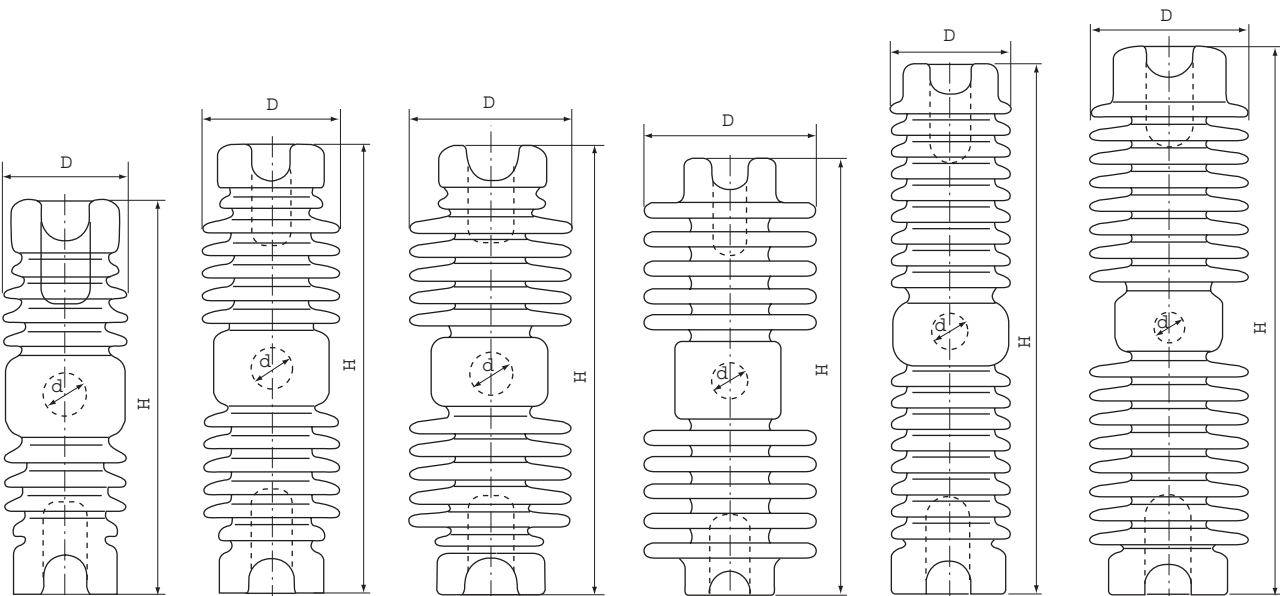


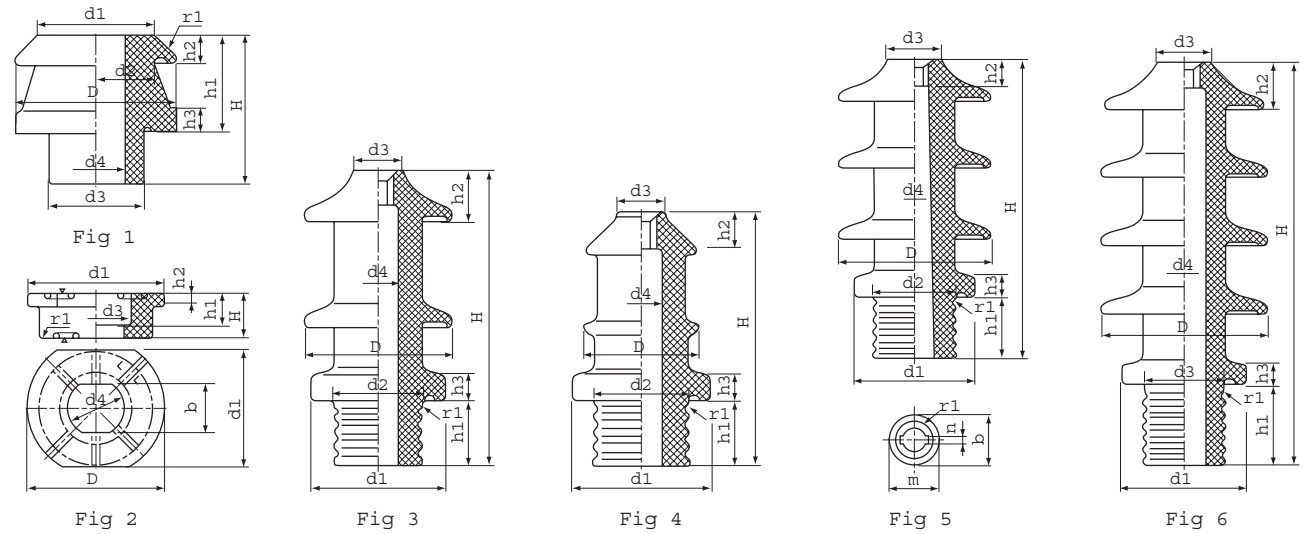
Fig 1 Fig 2 Fig 3 Fig 4 Fig 5 Fig 6

产品 代号 Cat. No.	图号 Fig.	电压等级 Voltage class kV	爬电距离 Creepage Distance mm	弯曲强度 Cantilever strength kN	主要尺寸 Main dimension mm			伞数 Shed Number	重量 Weight kg	执行 标准 Appli- cable standard
					H	h	h1			
72101	1	15	220	18	287	87	32	8	2.6	IEC ANSI AS
72102	1	15	240	18	287	90	32	8	2.8	
72103	1	15	255	20	287	105	32	8	3.2	
72201	2	25	300	10/12.5	376	90	32	12	3.5	
72202	2	25	340	10	375	96	35	12	3.7	
72203	2	25	280	10	376	87	32	12	3.4	
72204	2	25	360	10	376	102	35	12	3.9	
72205	3	24/27	470	10	376	131	35	12	5.8	
72206	4	24/27	460	10	375	129	32	10	6.0	
72207	5	25/27	432	6.8/10	467	95	32	17	5.2	
72208	4	24/27	450	10	376	127	32	10	5.8	
72209	4	24/27	.500	10	365	150	35	10	6.5	
72210	4	25/27	550	10	375	155	35	10	6.9	
72301	6	33/36	660	6.8/10	467	130	35	16	7.5	
72302	6	33/36	660	6.8/10	467	121	32	16	7.5	



变压器瓷套
TRANSFORMER PORCELAIN BUSHING

DIN
STANDARD

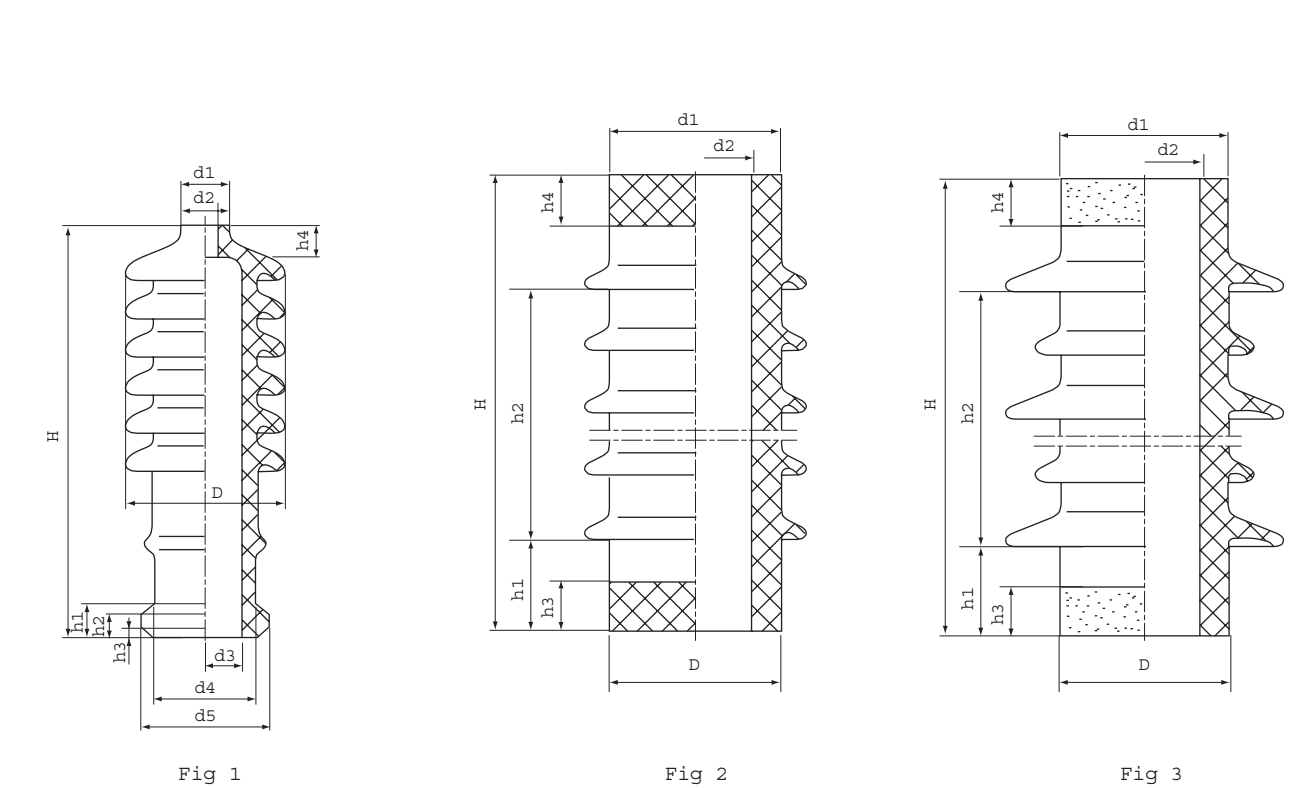


产品 代号 Cat. No.	产品 型号 Type. No.	标 准 Standard	图 号 Fig.	主要尺寸 Main dimension mm												重 量 Weight kg	
				H	h1	h2	h3	r1	D	d1	d2	d3	d4	b	m		n
50010A	A1-250	DIN42530	1	70	45		12	2.5	50	32	34	27	14				0.18
50011A	A1-630	DIN42530	1	80	55		12	3	70	47	49	43	22				0.45
50012A	A1-1000	DIN42530	1	85	55		12	3	90	65	67	53	32				0.64
50013A	A1-2000	DIN42530	1	85	55		12	3	104	80	82	66	44				0.90
50014A	A1-3150	DIN42530	1	85	55		12	3	125	100	100	86	50				1.40
50010B	B-250	DIN42530	2	30	20			2	60	50		30	26	20			0.10
50011B	B-630	DIN42530	2	30	20			3	85	70		46	41	28			0.20
50012B	B-1000	DIN42530	2	35	25			4	110	90		57	46	37			0.40
50013B	B-2000	DIN42530	2	35	25			4	125	104		70	64	51			0.45
50014B	B-3150	DIN42530	2	35	25			4	150	125		90	80	61			0.55
51020	10Ni250	DIN42531	3	245	65		25	3	100	111	74	42	33	15	22	6	2.5
51021	10NF250	DIN42531	4	295	65		25	3	140	111	74	42	33	15	22	6	3.2
51022	10Ni630	DIN42532	3	245	65		25	3	110	128	88	50	39	24.5	30.5	6	3.1
51023	10NF630	DIN42532	4	295	65		25	3	150	128	88	50	39	24.5	30.5	6	4.2
51024	10NF1000	DIN42533	4	325	90		30	4	170	163	108	80	58	32	46	12	6.4
51025	10NF3150	DIN42533	4	325	90		30	4	190	183	131	100	74	51	62	17	8.7
52015	20NF50	DIN42531	5	385	85		35	3	155	111	74	42	33	15	22	6	5.1
52016	20Ni630	DIN42532	4	295	65		35	3	150	128	88	50	39	24.5	30.5	6	4.4
52017	20NF630	DIN42532	5	385	80		25	3	165	128	88	50	39	24.5	30.5	6	6.5
52018	20NF1000	DIN42533	5	410	100		30	4	185	163	108	80	58	32	46	12	9.3
52019	20NF3150	DIN42533	5	410	100		30	4	210	183	131	100	74	51	62	17	11.8
53048	30NF250	DIN42531	6	485	80		25	3	155	111	74	42	33	15	22	6	6.6
53049	30Ni630	DIN42532	5	385	80		25	3	165	128	88	50	39	24.5	30.5	6	6.7
53050	30NF630	DIN42532	6	510	100		25	3	180	128	88	50	39	24.5	30.5	6	9.8
53051	30NF1000	DIN42533	6	540	125		30	4	299	163	108	80	58	32	46	12	12.8
53052	30NF3150	DIN42533	6	540	125		30	4	230	183	131	100	74	51	62	17	16.0



避雷器瓷套
ARRESTER BUSHING

IEC
STANDARD

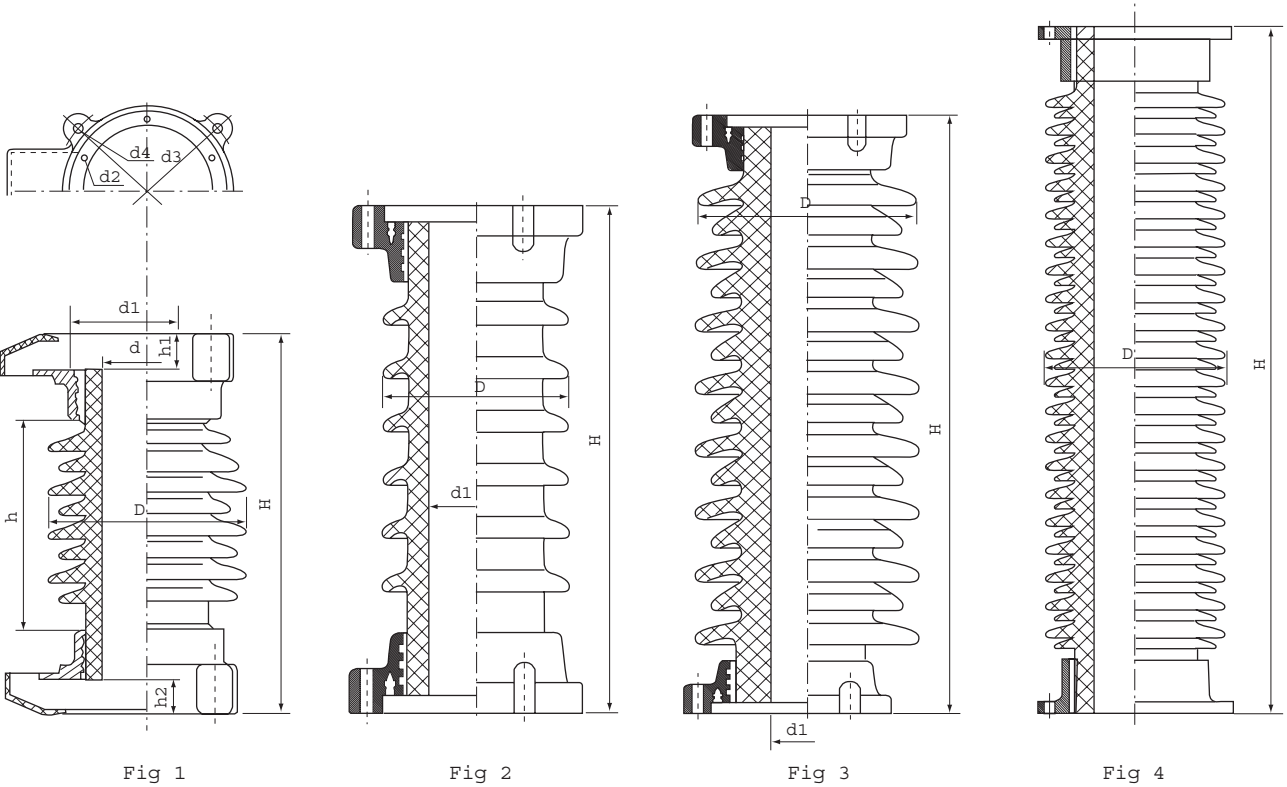


产品 代号 Cat. No.	图 号 Fig.	伞数 Shed No.	主要尺寸 Main dimension mm												爬电距离 Creepage Distance mm	重 量 Weight kg	执行 标准 Applicable standard
			H	h1	h2	h3	h4	D	d1	d2	d3	d4	d5				
60164A	1	4	164	12	8	4	8	110	38	10	60	80	90		1.1	IEC383 GB11032 JB/T8952	
60210A	1	6	210	12	8	4	8	110	38	10	60	80	90		1.7		
60210B	1	6	210	12	8	4	10	88	24	10	38	58	66		1.4		
60210C	1	6	210	12	8	4	8	94	30	10	44	64	72		1.3		
60164B	1	4	165	12	8	4	10	88	24	10	38	58	66		1.1		
60164C	1	4	165	12	8	4	8	94	30	10	44	64	72		1.0		
60241	1	6	241	/	9	/	25	95	33	9.5	39	60	74				
60335	1	9	335	/	8	/	25	95	33	9.5	33	60	74				
60315	1	9	315	/	8	/	20	90	32	9.5	39	60	74	458			
63550	2	10	550	80	360	40	40	215	140	100							
63708	2	12	708	104	484	72.5	72.5	232	165	112					21		
60160	2	1	160	70	/	45	45	232	166	112					6.7		
63840	2	15	840	104	616	72.5	72.5	232	165	112					25		
63630	3	18	630	38	548	/	/	291	151	111				2248			
63005	3	30	100	524	938	/	/	330	190	140				3818			
67001	3	24	126	1131	943	96	96	304	185	124				3232	83		



避雷器瓷套
ARRESTER BUSHING

IEC
STANDARD

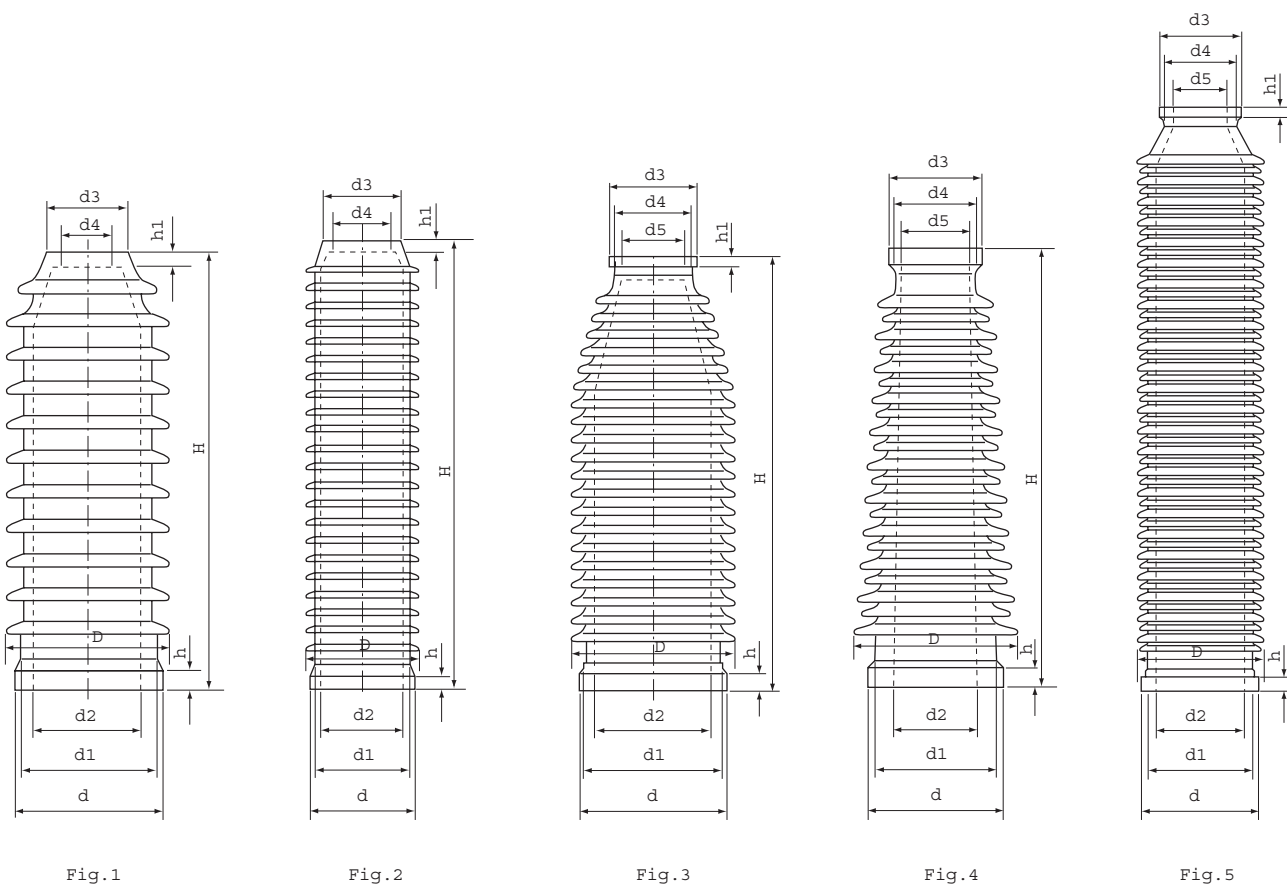


产品 代号 Cat. No.	产品 型号 Type. No.	图 号 Fig.	额定 电压 Rated Voltage	弯曲 破坏负荷 Bend breakage load kN.m	主要尺寸 Main dimension mm			伞数 Shed No.	执行 标准 Applicable standard
					H	D	d1		
63790	Y5WZ-35	1	35	4	840	230	112	12	IEC383 GB11032 JB/T8952
63801	Y5WZ-35	1	35	4	842	210	112	10	
65984	Y5WZ-35	1	55	4	1030	210	112	13	
63650	FYZ-35	1	35	4	650	240	100	10	
63915	Y5WZ-35 (W)	2	42	4	965	240	112	22	
66005	Y5WZ-66	2	66	4	1100	240	112	26	
67003	Y10W-110 (普通)	3	110	13	1345	305	124	17	
67001	Y10W-110 (防污型)	3	110	13	1405	305	124	大小各 12 Big 12/Small 12	
67002	Y10W-110 (重防污型)	3	110	13	1660	305	124	大小各 15 Big 12/Small 15	
68001	Y20W-500	4	500	60	1600	414	200	大小各 20 Big 12/Small 20	



互感器瓷套
INSTRUMENT TRANSFORMER PORCELAIN SHELLS

IEC
STANDARD



产品 代号 Cat. No.	图 号 Fig.	额定电压 Rated voltage kV	公称爬电距离 Creepage distance mm	主要尺寸 Main dimension mm										伞数 Shed No.	重 量 Weight kg	执行 标准 Applicable standard
				H	h	h1	D	d	d1	d2	d3	d4	d5			
42601	1	60	1242	810	45	40	525	465	425	375	160	100	-	7		IEC383 GB13026 -91
42701	1	110	1870	1100	50	40	620	565	540	460	320	230	-	11		
42702	1	110	2646	1310	50	40	630	565	540	460	320	230	-	17		
72801	2	220	3528	2000	60	50	650	605	565	470	420	300	-	22		
42802	2	220	5040	2200	60	50	680	605	565	470	420	300	-	28		
42703	3	110	3150	1460	50	40	630	570	535	460	360	320	260	20		
42704	3	110	3150	1480	60	40	660	605	565	480	360	320	260	20		
42803	4	220	6300	2360	60	50	680	605	56+5	480	425	385	300	大 24 小 23 Big 24/Small 23		
42804	3	220	5040	2250	60	50	670	605	565	480	425	385	300	29		
42805	5	220	6300	2360	60	50	680	605	565	480	425	385	300	大 24 小 23 Big 24/Small 23		



互感器瓷套
INSTRUMENT TRANSFORMER PORCELAIN SHELLS

IEC
STANDARD



产品 代号 Cat. No.	图 号 Fig.	额定电压 Rated voltage kV	公称爬电距离 Creepage distance mm	主要尺寸 Main dimension mm										伞数 Shed No.	重 量 Weight kg	执行 标准 Applicable standard
				H	h	h1	D	d	d1	d2	d3	d4	d5			
43301	1	35	810	530	35	22	440	360	340	290	210	145	-	5	50	IEC383 GB13026 -91
43701	1	110	2016	1100	50	40	540	470	440	370	250	160	-	11	150	
43702	1	110	2772	1525	50	40	540	470	430	370	250	160	-	16	210	
43703	1	110	2016	1100	50	35	470	400	370	300	250	160	-	11	135	
43704	4	145	3698	1550	50	40	565	485	455	380	250	160	-	大14小13 Big 14/Small 13	195	
43302	2	35	932	540	50	50	470	390	360	310	270	250	200	大4小3 Big 4/Small 3	45	
43705	5	110	1870	1150	50	50	460	400	370	300	310	280	220	11	80	
43706	2	110	2646	1150	50	50	480	400	370	300	310	280	220	大11小10 Big 11/Small 10	126	
43707	5	110	1980	1150	50	40	555	500	457	385	360	309	250	12	148	
43708	2	110	3150	1150	50	40	595	500	457	385	360	309	250	大11小10 Big 11/Small 10	150	
43801	3	220	2140	2140	70	45	820	750	690	610	430	370	310	15	320	
43802	2	220	3740	2150	60	50	616	540	496	420	400	330	280	23	290	
43803	2	220	4032	2150	60	50	600	540	490	404	400	360	290	23	350	
43804	5	220	4342	2200	25	140	410	446	220	10-φ14	-	-	-	27	270	



互感器瓷套
INSTRUMENT TRANSFORMER PORCELAIN SHELLS

IEC
STANDARD



产品 代号 Cat. No.	图 号 Fig.	额定电压 Rated voltage kV	公称爬电距离 Creepage distance mm	主要尺寸 Main dimension mm										伞数 Shed No.	重 量 Weight kg	执行 标准 Applicable standard
				H	h1	h2	D	d1	d2	d3						
41701	1	110	600	455	35	75	600	532	500	420				3	78	IEC383 GB13026 -91
41801	1	220/2	1200	800	35	85	600	532	500	420				6	130	
41802	1	330/3	1520	1140	55	112	790	734	700	625				8	244	
41401	2	40	1015	755	22	38	195	155	135	100				12	17	
41402	2	40	1395	855	22	42	190	155	135	100				14	28	
41601	2	60	1680	1000	22	42	190	155	135	100				17	33	
41710	2	150	2140	1300	25	60	230	195	175	120				20	46	
41101	2	15	420	395	35	69	448	370	342	265				2	40	
41301	2	35	950 (图测)	670	30	53	260	210	185	140				6	24	
41501	2	55	1150	750	35	62	448	370	340	265				6	65	
41601	2	60	1600	980	35	60	386	320	295	216				9	84	
41702	2	110	1870	1220	35	55	380	316	290	220				10	91	
41703	2	110	2090	1290	35	65	448	375	342	265				10	140	
41704	2	110	1870	1320	45	95	525	445	415	340				10	140	
41803	2	500/3	3125	1800	45	95	610	532	500	420				15	310	
41804	2	500/3	4035	1800	60	95	610	532	500	420				25	370	
41705	3	110	2965	1220	35	35	406	320	295	216				大11小11 Big 11/Small 11	192	
41706	3	110	3195	1290	35	35	455	370	342	265				大12小12 Big 12/Small 12	204	
41707	3	110	3200	1320	45	45	525	445	415	340				大12小12 Big 12/Small 12	229	
41708	3	110	2970	1220	35	55	410	316	290	216				大11小11 Big 11/Small 11	170	
41709	3	110	2970	1290	35	60	450	370	342	265				大12小12 Big 12/Small 12	192	
41805	3	500/3	4584	1760	40	75	545	465	425	335				大17小16 Big 17/Small 16	322	
41806	3	500/3	4950	1760	45	75	555	465	425	335				大17小16 Big 17/Small 16	322	



电容器瓷套
CAPACITOR CERAMIC BUSHING

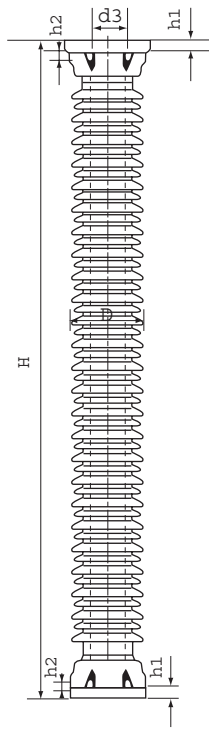


Fig.1

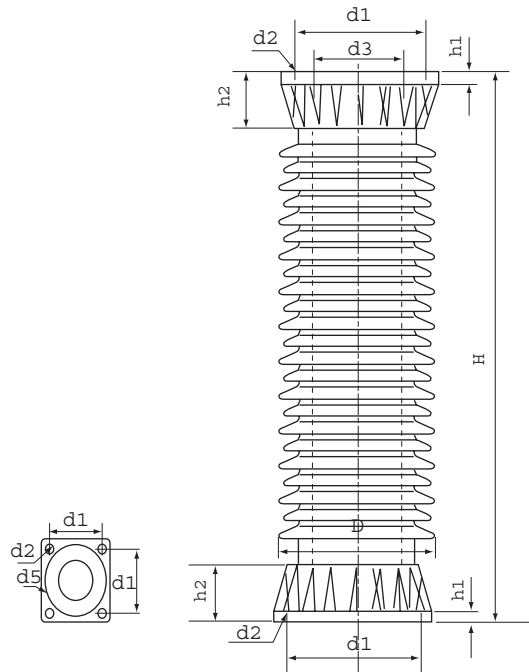


Fig.2

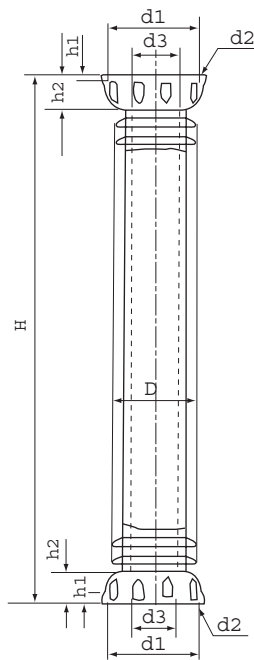


Fig.3

产品 代号 Cat. No.	图 号 Fig.	额定电压 Rated voltage kV	公称 爬电距离 Creepage distance mm	弯曲破坏力矩 Bending failing Load kN.m	主要尺寸 Main dimension mm									伞数 Shed No.	重 量 Weight kg	执行 标准 Applicable standard
					H	h1	h2	D	d1	d2	d3	d4	d5			
41807	1	220	5705	—	2355	45	20	320	270	4-φ28	160	275	6-M10	大25小24 Big 25/Small 24	190	GB13026 ~91
41808	1	330	4540	—	1700	45	20	310	240	4-φ28	130	250	8-M10	大16小16 Big 16/Small 16	113	
41809	2	500/4	3287	54.9	1400	30	140	475	455	18-φ15	265	—	—	大12小11 Big 12/Small 11	310	
41810	2	500/4	3287	28	1400	30	140	475	455	18-φ15	265	—	—	大12小11 Big 12/Small 11	293	
41811	2	500/3	4537	70	1600	25	140	450	410	8-φ14	220	—	—		321	
41812	2	500/3	4583	47	1700	25	135	430	410	16-φ14	220	—	—	大15小15 Big 15/Small 15	224	
41813	3	500/3	3116	47	1700	25	135	420	410	16-φ14	220	—	—	16	183	
41814	2	500/3	4263	56	1440	25	140	495	455	18-φ15	265	—	—	大14小14 Big 14/Small 14	365.4	
41815	2	500/	5156	56	1800	25	140	480	455	18-φ15	265	—	—	大19小18 Big 19/Small 18	418.4	
41816	2	500/3	5050	70	1700	30	140	485	455	18-φ15	265	—	—	大18小17 Big 18/Small 17	375	



TOUGHENED GLASS
INSULATORS OF CAP AND PIN
TYPE

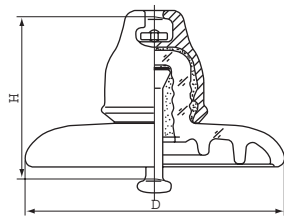


Fig.1

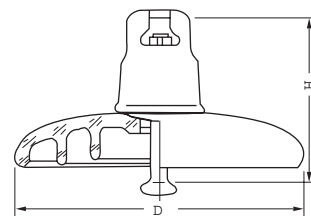


Fig.2

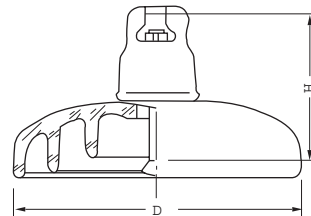


Fig.3

STANDARD TYPE TOUGHENED GLASS SUSPENSION INSULATORS

BALL AND SOCKET TYPE

TYPE	IEC Class	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Withstand Volt. kV			Approx.Net Weight Kg
										Min. Wet One Minute	Min. Dry One Minute	Min. puncture volt.	
LXY-40	U40B	1	175	110	190	11A	40	500	70	33	55	80	2.10
LXY-70	U70BS	2	255	127	320	16	70	565	100	40	70	130	3.70
LXY-70	U70B	2	255	140	320	16	70	565	100	40	70	130	3.77
LXY ₁ -70	U70BL	2	255	146	320	16	70	565	100	40	70	130	3.78
LXY-80	U80BL	2	255	146	320	16	80	565	100	40	70	130	3.85
LXY-100	U100BL	2	255	146	320	16	100	678	100	40	70	130	4.10
LXY-100	U100BS	2	255	127	320	16	100	678	100	40	70	130	4.00
LXY-120	U120BS	2	255	146	320	16	120	678	100	40	70	130	4.20
LXY-160	U160BS	3	280	146	400	20	160	1017	105	45	75	130	6.55
LXY ₃ -160	U160BL	3	280	170	400	20	160	1017	105	45	75	130	6.60
LXY ₃ -210	U210BS	3	280	170	400	20	210	1017	105	45	75	130	6.70
LXY-240	U240BS	3	280	170	400	24	240	1017	105	45	75	130	6.80
LXY ₃ -300	U300B	3	320	195	485	24	300	1017	130	50	85	130	10.70
LXY-420	U400B	3	360	205	550	28	420	1017	140	55	90	140	16.00
LXY-530	U530B	3	380	240	600	32	530	1017	140	55	90	140	21.50

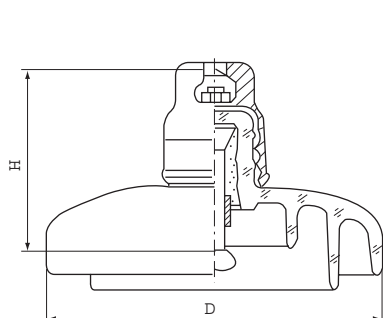


Fig.9

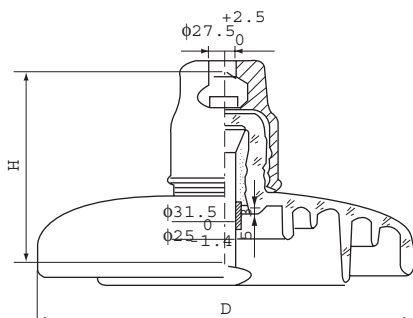


Fig.10

TOUGHENED GLASS SUSPENSION INSULATORS FOR HIGH VOLATGE DIRECT CURRENT APPLICATIONS

TYPE	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min.Lightning ImpulseWithstand Volt. kV	Min.DCWithstand Volt Wet One Minute kV	Min.Power Frequency Puncture Volt kV	Approx.Net Weight Kg
LXZY-160	9	320	170	550	20	160	140	65	130	9.60
LXZY-210	9	320	170	550	20	210	140	65	130	10.0
LXZY-300	10	380	195	635	24	300	150	70	140	14.3
LXZY-400	10	360	205	550	28	400	150	70	140	16.0

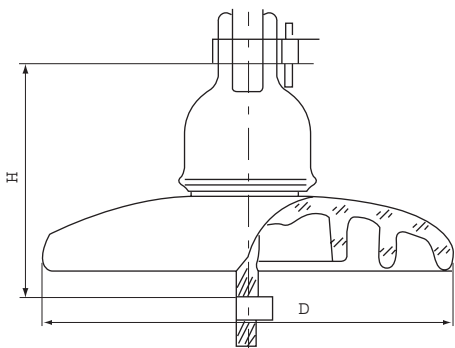


Fig.11

STANDARD TYPE TOUGHENED GLASS SUSPENSION INSULATORS

TYPE	IEC Class	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Withstand Volt. kV			Approx.Net Weight Kg
										Min. Wet One Minute	Min. Dry One Minute	Min. puncture volt.	
LXY-40C	U40C	11	175	140	185	11C	40	565	100	33	55	80	2.3
LXY-70C	U70C	11	255	146	320	16C	70	565	100	40	70	130	4.00
LXY-80C	U80C	11	255	146	320	16C	80	565	100	40	70	130	4.10

CLEVIS TYPE

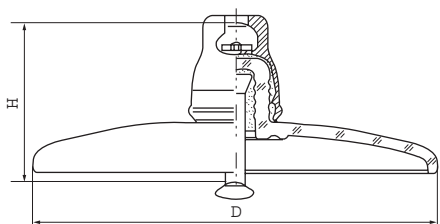


Fig.12

OPEN PROFILE TOUGHENED GLASS SUSPENSION INSULATORS

BALL AND SOCKET TYPE

TYPE	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Withstand Volt. kV		Approx.Net Weight Kg
									Min. Wet flashover	Min. puncture volt.	
LXAY-120	12	390	146	365	16	120	678	100	50	130	5.30
LXAY-160	12	420	146	380	20	160	1017	100	55	130	7.00
LXAY-210	12	420	160	380	20	210	1017	100	55	130	7.47
LXAY-240	12	420	170	380	24	240	1017	100	55	130	7.60

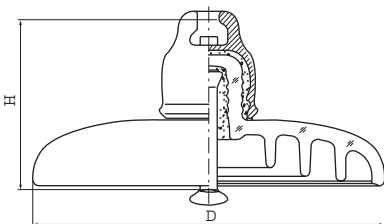


Fig.4

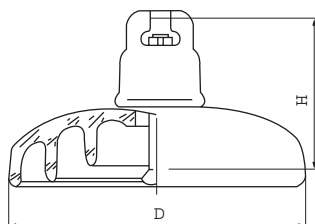


Fig.5

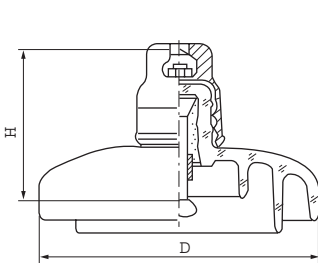


Fig.6

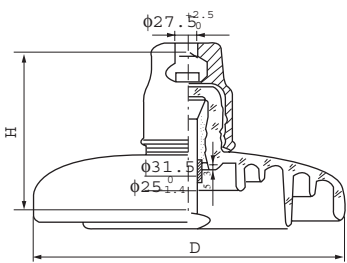


Fig.7

■ LARGE DIAMETER TOUGHENED GLASS INSULATORS

BALL AND SOCKET TYPE

TYPE	IEC Class	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Withstand Volt. kV			Approx.Net Weight Kg
										Min. Wet One Minute	Min. Dry One Minute	Min. puncture volt.	
LXY-70D	U70BSP	4	320	146	450	16	70	565	110	50	85	130	6
LXY-100D	U100BSP	4	320	146	450	16	100	678	110	50	85	130	6.1
LXY-120D	U120BSP	4	320	146	450	16	120	678	110	50	85	130	6.2
LXY-160D	U160BSP	4	320	155	450	20	160	1017	110	50	85	130	7.3
LXY-160D	U160BSP	4	320	170	450	20	160	1017	110	50	85	130	7.4
LXY-210D	U210BSP	4	320	170	485	20	210	1017	120	55	90	130	9.2
LXY-240D	U240BSP	4	320	170	485	24	240	1017	120	55	90	130	9.5



FOG TYPE TOUGHENED GLASS SUSPENSION INSULATORS

TYPE	IEC Class	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Volt. kV			Approx.Net Weight Kg
										Min. Wet flashover	Min Dry flashover	Min. puncture volt.	
LXHY4-70	U70BP	5	255	146	400	16	70	565	120	45	95	130	5.20
LXHY5-70	U70BP	5	280	146	450	16	70	565	125	50	95	130	5.30
LXHY6-70	U70PLP	6	320	146	550	16	70	565	140	55	100	130	8.10
LXHY4-100	U100BP	5	280	146	450	16	100	678	125	50	100	130	5.30
LXHY-120	U120BP	5	255	146	400	16	120	678	125	50	95	130	5.40
LXHY4-120	U120BP	5	280	146	450	20	120	678	125	50	95	130	5.50
LXHY4-160	U160BP	5	280	170	450	20	160	1017	125	50	95	130	7.00
LXHY5-160	U160BLP	6	320	170	550	20	160	1017	140	55	100	130	8.80
LXHY3-210	U210BLP	6	320	170	550	20	210	1017	140	55	100	130	9.20
LXHY3-240	U240BLP	6	320	170	550	24	240	1017	140	55	100	130	9.90
LXHY3-300	U300BP	7	380	195	635	24	300	1017	155	60	100	130	14.30

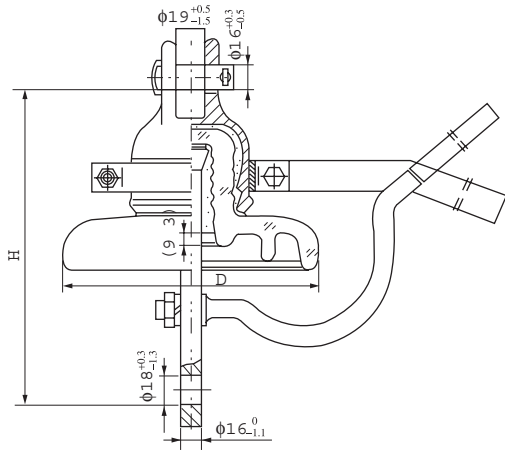


Fig.8

TOUGHENED GLASS INSULATORS USED FOR GROUND WIRE

TYPE	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min.DCWithstand Volt Wet One Minute	Min.Power Frequency Puncture Volt kV	Approx.Net Weight Kg
LXDY-70CN	8	200	200	217	16	70	45	130	4.7
LXDY-100CN	8	200	200	217	16	100	45	130	4.7

BALL AND SOCKET TYPE

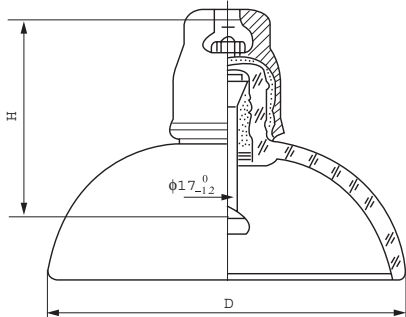


Fig.13

TYPE	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Coupling Size	Min. Mechanical Failing Load KN	Min. Impact Failing Load N.cm	Min. Lightning Impulse Withstand Volt. KV	Power Frequency Volt. kV		Approx.Net Weight Kg
									Min. Wet flashover	Min. puncture volt.	
LXQY-70	13	255	146	305	16A/16B	70	565	100	45	130	4.00
LXQY-80	13	255	146	305	16A/16B	80	565	100	45	130	4.00
LXQY-120	13	255	146/170	305	16A/16B	120	678	100	45	130	4.10

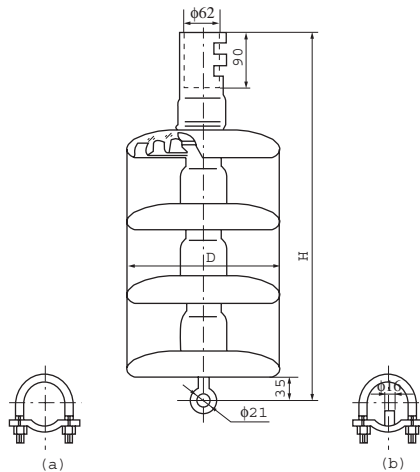


Fig.14

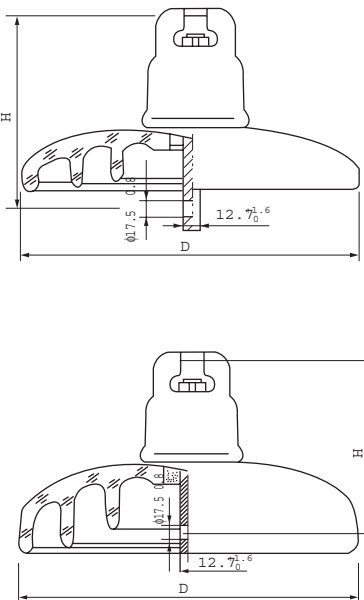


Fig.15

TOUGHENED GLASS ROD INSULATORS FOR RAILWAYS

TYPE	Fig.No	Diameter D mm	Spacing H mm	Creepage Distance mm	Min.Mechanical Failing Load KN		0.32mg/cm ² Salt Deposit Density Min.Pollution Flashover Volt. kV	Min.Lightning Impulse Withstand Volt. KV	Power Frequency Volt. kV		Approx.Net Weight Kg
					Bending	Tension			Min. Wet flashover	Min. puncture volt.	
LQBN ₂ -25D	14	255	610	1260	4	70	31.5	300	150	N/A	17.3
LQJN ₂ -25D	14	255	610	1260	4	70	31.5	300	150	N/A	17.3
LXY-70T	15	255	146	320	N/A	70	N/A	100	40	10	3.77
LXHY-70T	16	255	146	400	N/A	70	N/A	120	45	120	4.80



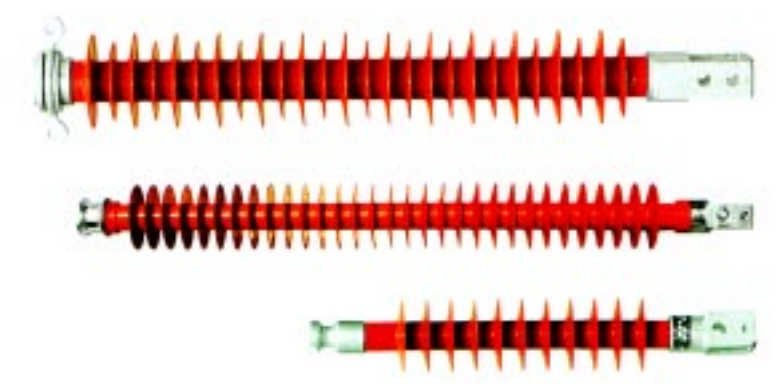
▼ 10 ~ 500kV 复合悬式绝缘子
10 ~ 500kV Suspension Composite Insulators



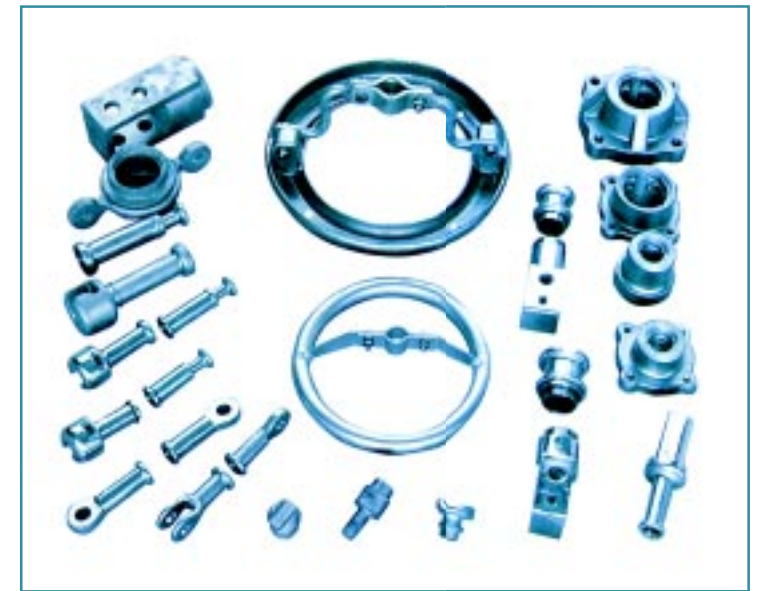
10kV 复合耐张绝缘子



10kV Tension Composite Insulators

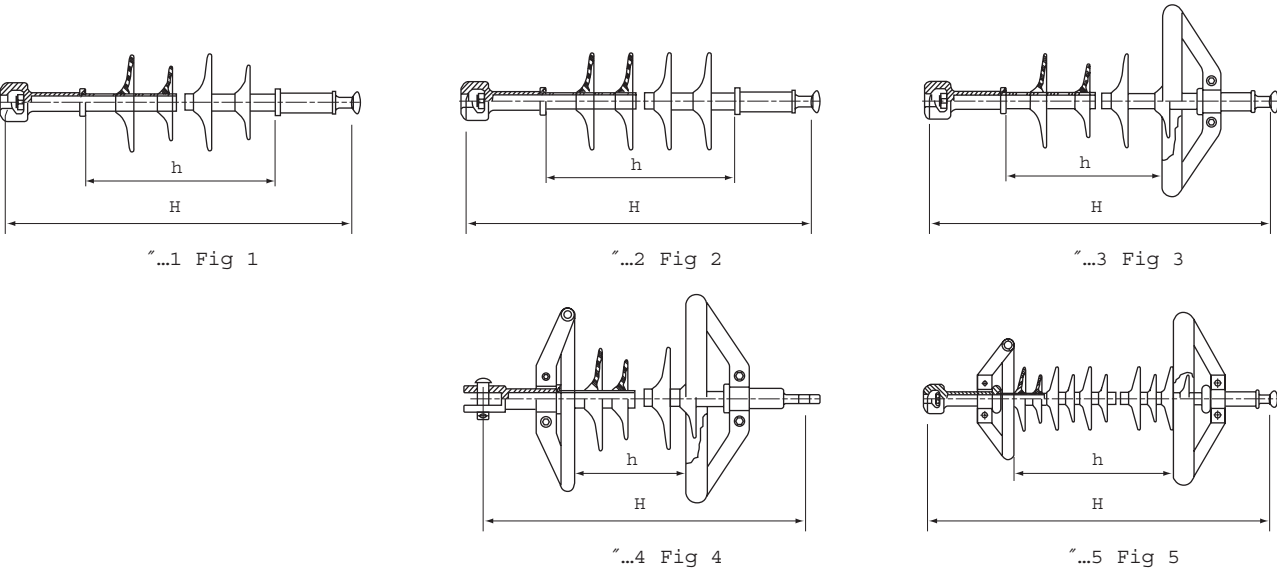


▲ 35 ~ 110kV 复合横担绝缘子
35 ~ 110kV Cross-Arm post Composite Insulators



▼ 10 ~ 220kV 复合支柱绝缘子
10 ~ 220kV Pin & post Composite Insulators

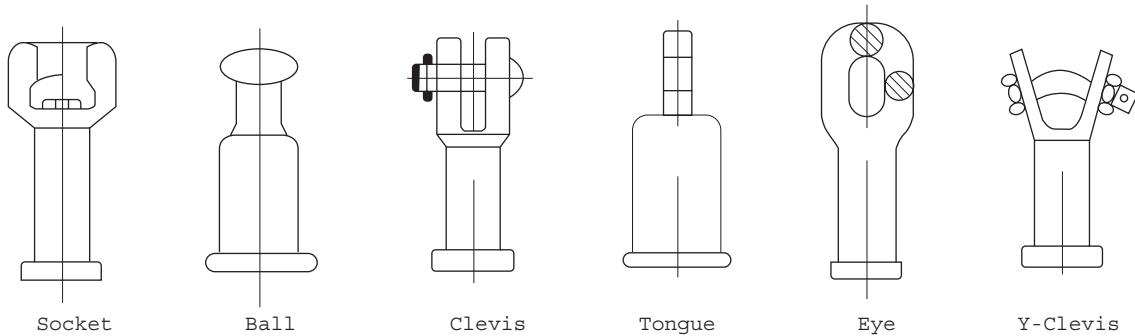




型号 Cat. No.	绝缘子等级 Class IEC	图号 Figure No.	额定 电压 Rated voltage	结构高度 Unit spacing (H) mm	最小电 弧距离 Min, arcing distance (h) mm	最小公称 爬电距离 Min, nominal creepage distance mm	连接 标记 Cou- pling size	额定机械 拉伸负荷 Rated mechanical tension load kN	工频一分钟 湿耐受电压 Wet power- freq. 1min withstand volatage	雷电全波冲 击耐受电压 Dry lightning impulse withstand voltage kV	操作冲击湿 耐受电压 Wet switching impulse withstand voltage kV	产品 质量 Unit mass kg
FXBW4-10/70	CS70SB-100/450	1	10	430 ± 15	230	450	16	70	48	100	—	2.0
FXBW4-10/100	CS100SB-100/450	1	10	430 ± 15	200	450	16	100	48	100	—	2.1
FXBW2-35/70	CS70SB-230/810	1	35	650 ± 15	450	810	16	70	95	230	—	2.4
FXBW4-35/70	CS70SB-230/1050	1	35	650 ± 15	450	1050	16	70	95	230	—	2.6
FXBW3-35/70	CS70SB-230/1012	1	35	628 ± 15	400	1012	16	70	95	230	—	2.6
FXBW2-66/70	CS70SB-410/1450	1	66	940 ± 15	700	1450	16	70	185	410	—	2.8
FXBW4-66/70	CS70SB-410/1900	1	66	940 ± 15	700	1900	16	70	185	410	—	3.5
FXBW1-66/100	CS100SB-410/1377	1	66	858 ± 15	630	1377	16	100	185	410	—	3.0
FXBW2-66/100	CS100SB-410/1600	1	66	950 ± 15	720	1600	16	100	185	410	—	3.1
FXB2-110/70	CS70SB-550/2520	2	110	1240 ± 15	1040	2520	16	70	230	550	—	4.1
FXB4-110/70	CS70SB-550/3150	2	110	1240 ± 15	1040	3150	16	70	230	550	—	4.8
FXBW2-110/100	CS100SB-550/2450	5	110	1240 ± 15	1000	2450	16	100	230	550	—	4.0
FXBW4-110/100	CS100SB-550/3150	5	110	1240 ± 15	1000	3150	16	100	230	550	—	4.8
FXBW4-110/100	CS100SB-550/3226	1	110	1568 ± 15	1340	3226	16	100	230	550	—	5.0
FXBW4-110/160	CS160SB-550/3940	1	110	1590 ± 15	1290	3940	20	160	230	550	—	8.3
FXB2-220/100	CS100SB-1000/5040	3	220	2240 ± 30	1900	5040	16	100	395	1000	—	7.3
FXBW4-220/100	CS100SB-1000/6300	3	220	2240 ± 30	1900	6300	16	100	395	1000	—	8.7
FXBW4-220/100	CS100CT-1000/7000	4	220	2230 ± 30	1930	7000	16	100	395	1000	—	9.8
FXBW2-220/100	CS100SB-1000/5040	5	220	2350 ± 30	2050	5040	16	100	395	1000	—	7.6
FXBW4-220/100	CS100SB-1000/6450	5	220	2540 ± 30	2240	6450	16	100	395	1000	—	9.2
FXBW4-220/160	CS160SB-1000/6300	5	220	2350 ± 30	1900	6300	20	160	395	1000	—	13.0
FXBW4-330/100	CS100SB-1425/9075	5	330	2990 ± 40	2600	9075	16	100	570	1425	950	13.5
FXBW4-330/160	CS160SB-1425/9075	5	330	2990 ± 40	2600	9075	20	160	570	1425	950	18.2
FXBW4-330/210	CS210SB-1425/9075	5	330	2990 ± 40	2600	9075	20	210	570	1425	950	19.2
FXBW4-500/100	CS100SB-2250/15000	5	500	4785 ± 50	4557	15000	16	100	740	2250	1240	20.0
FXBW4-500/160	CS160SB-2250/13750	5	500	4450 ± 50	4000	13750	20	160	740	2250	1240	25.2
FXBW4-500/210	CS210SB-2250/13750	5	500	4450 ± 50	4000	13750	20	210	740	2250	1240	26.3
FXBW4-500/300	CS300SB-2250/13750	5	500	4450 ± 50	4000	13750	24	300	740	2250	1240	33.0

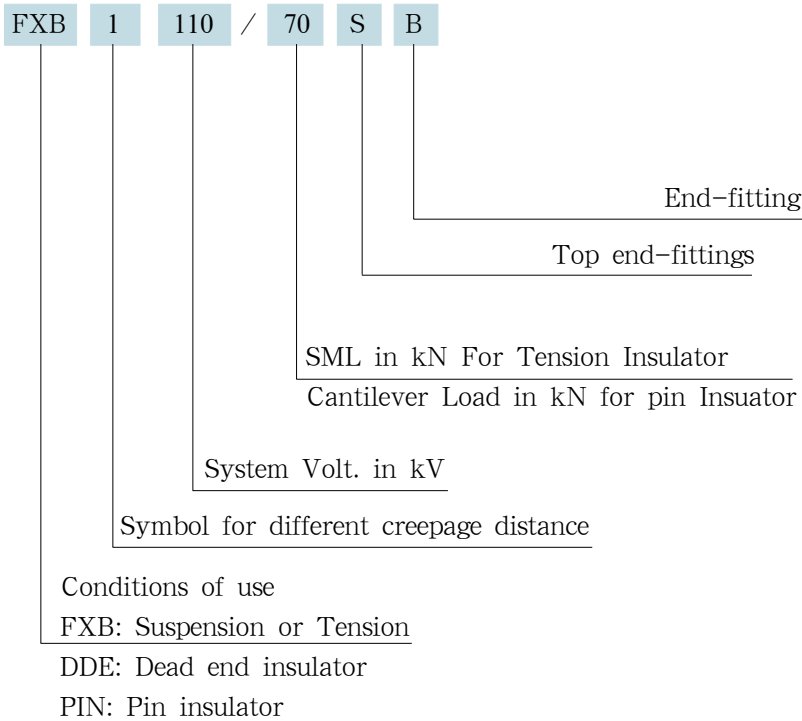


CONFIGURATION OF END-FITTINGS



The designation of the above end-fittings are in accordance with IEC61466-1(Composite string insulator units for overhead line with a nominal voltage greater than 1000V-Pritl: Standard strength classes and end fittings); The ANSI classes are also available.

CATALOG NUMBER DEFINITION



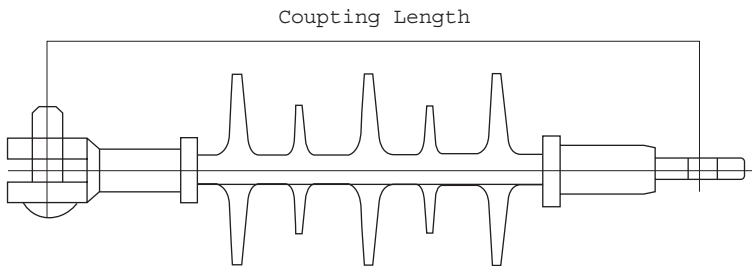
Configuration of fittings:
B: Ball C: Clevis E: Eye
S: Socket T: Tongue
Y: Y-Clevis Z: others



HIGH-VOLTAGE INSULATOR SERIES



DISTRIBUTION DEAD-END INSULATORS



CHARACTERISTICS 40KN Maximum Design load(Tension)

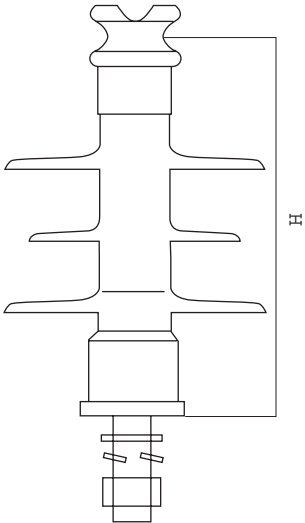
Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				RIV @ 1Mhz		Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		Test Volt. (kv)	Max. (μv)	
						Dry	Wet	Pos.	Neg.			
DDE-11/40CT	3	11	278	340	130	60	54	120	130	11	5	0.7
DDE-15/40CT	4	15	318	440	170	70	64	150	160	15	5	0.8
DDE-25/40CT	6	25	418	680	270	110	100	200	210	25	5	1.1
DDE-35/40CT	9	35	548	1010	400	160	140	280	300	35	5	1.5



CHARACTERISTICS 70KN Maximum Design load(Tension)

Catalogue Number	No. of sheds	Rated volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				RIV @ 1Mhz		Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		Test Volt. (kv)	Max. (μv)	
						Dry	Wet	Pos.	Neg.			
DDE-11/70CT	3	11	318	340	130	60	54	120	130	11	5	0.8
DDE-15/70CT	4	15	358	440	170	70	64	150	160	15	5	0.9
DDE-25/70CT	6	25	458	680	270	110	100	200	210	25	5	1.2
DDE-35/70CT	9	35	588	1010	400	160	140	280	300	35	5	1.5

COMPOSITE PIN INSULATORS

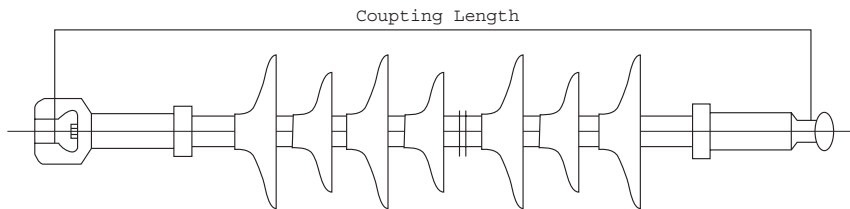


CHARACTERISTICS

Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)	Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)			
						Dry	Wet	Pos.	Neg.		
PIN1-11/2.5	2	10 ~ 15	225	320	130	60	54	120	130	2.5	M16
PIN2-11/2.5	3	10 ~ 15	245	460	180	76	70	160	170	2.5	M16
PIN1-11/5	2	10 ~ 15	225	320	130	606	54	120	130	5	M16
PIN2-11/5	3	10 ~ 15	245	460	180	70	70	160	170	5	M16
PIN1-11/10	2	10 ~ 15	225	320	130	60	54	120	130	10	M20
PIN2-11/10	3	10 ~ 15	245	460	180	76	70	160	170	10	M20



SUSPENSION INSULATORS



CHARACTERISTICS 70KN Specified Mechanical Load (Tension)

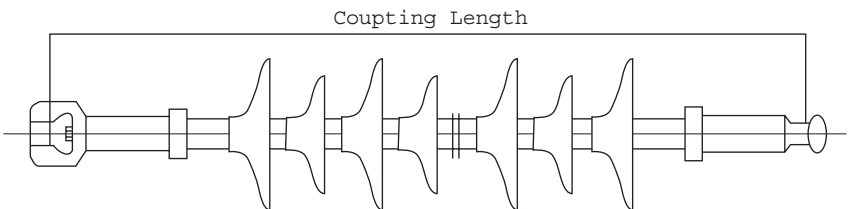
Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		
						Dry	Wet	Pos.	Neg.	
FXB1-35/70SB	8	35	632	960	450	175	158	310	325	2.5
FXB2-35/70SB	11	35	722	1240	540	210	189	360	378	2.8
FXB1-69/70SB	15	69	882	1890	700	270	243	450	472	3.5
FXB2-69/70SB	17	69	982	2150	800	305	275	510	535	3.7
FXB3-69/70SB	19	69	1082	2410	900	345	310	560	588	3.9
FXB1-110/70SB	21	110	1182	2670	1000	380	342	620	651	4.1
FXB2-110/70SB	23	110	1282	2930	1100	420	378	680	714	4.3
FXB1-132/70SB	21	132	1382	2770	1200	455	410	730	766	4.5
FXB2-132/70SB	23	132	1382	3030	1200	455	410	730	766	4.8
FXB3-132/70SB	23	132	1382	3720	1200	455	410	730	766	5.2
FXB4-132/70SB	25	132	1482	4040	1300	495	445	790	830	5.5
FXB1-161/70SB	27	161	1582	3550	1400	530	477	845	888	5.5
FXB2-161/70SB	27	161	1582	4360	1400	530	477	845	888	5.8
FXB3-161/70SB	31	161	1628	4890	1500	570	513	900	945	6.2
FXB4-161/70SB	33	161	1782	5210	1600	605	545	960	1008	7
FXB1-220/70SB	37	220	2082	4840	1900	720	648	1120	1176	8
FXB2-220/70SB	37	220	2082	5850	1900	720	648	1120	1176	8.6

Note:

1. All tests are in accordance with IEC61109.
2. Maximum RIV is 100uv when tested at 1 MHz and 10% over nominal line-ground voltage for indicated system voltage.
3. All units for 220kV system voltage should be assembled one corona rings at the line end.
4. For other fittings, use the suffixes indicated above. Specify the top fitting first. For example: for clevis top and tongue bottom, add the suffix CT instead of the suffix XB. If both fitting are same, just specify one letter. Example: for clevis at both end, just add C suffix instead of SB.



SUSPENSION INSULATORS



CHARACTERISTICS 100KN&120KN Specified Mechanical Load (Tension)

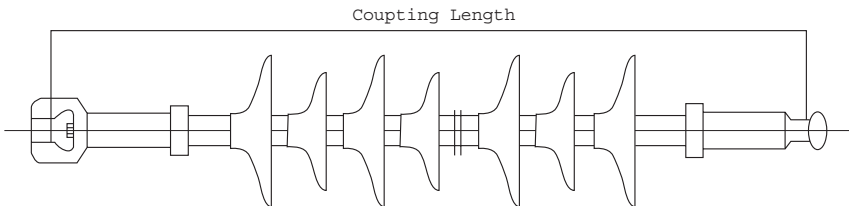
Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		
						Dry	Wet	Pos.	Neg.	
FXB1-110/120SB	21	110	1222	2670	1000	380	342	620	651	4
FXB2-110/120SB	23	110	1322	2930	1100	420	378	680	714	4.3
FXB1-132/120SB	21	132	1422	2770	1200	455	410	730	766	4.5
FXB2-132/120SB	23	132	1422	3030	1200	455	410	730	766	4.9
FXB3-132/120SB	23	132	1422	3720	1200	455	410	730	766	5.3
FXB4-132/120SB	25	132	1522	4040	1300	495	445	790	830	5.8
FXB1-161/120SB	27	161	1622	3550	1400	530	477	845	880	5.8
FXB2-161/120SB	27	161	1622	4360	1400	530	477	845	880	6
FXB3-161/120SB	31	161	1722	4890	1500	570	513	900	945	6.5
FXB4-161/120SB	33	161	1822	5210	1600	605	545	960	1008	7.2
FXB1-220/120SB	37	220	2122	4840	1900	720	648	1120	1176	8.2
FXB2-220/120SB	37	220	2122	5950	1900	720	648	1120	1176	8.8
FXB1-230/120SB	39	230	2222	5100	2000	755	680	1180	1240	9
FXB2-230/120SB	39	230	2222	6260	2000	755	680	1180	1240	9.6
FXB3-230/120SB	45	230	2422	7120	2200	830	710	1290	1355	10
FXB4-230/120SB	51	230	2572	7870	2350	890	740	1380	1450	10.5
FXB1-245/120SB	53	345	2822	8390	2600	960	820	1520	1596	11.5
FXB2-245/120SB	59	345	2922	9150	2700	980	830	1570	1650	12
FXB3-245/120SB	61	345	3022	9470	2800	1000	880	1630	1710	12.3
FXB4-245/120SB	65	345	3222	10100	3000	1050	930	1740	1827	13.2
FXB1-400/120SB	65	400	3522	10400	3300	1150	1020	1910	2005	14.5
FXB2-400/120SB	69	400	3622	10980	3400	1170	1030	1960	2060	15
FXB3-400/120SB	75	400	3722	11690	3500	1190	1060	2020	2120	15.3
FXB4-400/120SB	81	400	3922	12540	3700	1250	1100	2130	2236	16

Note:

1. All tests are in accordance with IEC61109.
2. Maximum RIV is 100uv when tested at 1 MHz and 10% over nominal line-ground voltage for indicated system voltage.
3. All units for 220kV system voltage should be assembled one corona rings at the line end.
4. All units for 345kV or greater system voltage should be assembled with two corona rings, one at each end.
5. For other fittings, use the suffixes indicated above. Specify the top fitting first. For example: for clevis top and tongue bottom, add the suffix CT instead of suffix SB. If both fitting are same, just specify one letter Example: for clevis at both end. just add C suffix instead of the suffix SB.



SUSPENSION INSULATORS



CHARACTERISTICS

160KN&180KN Specified Mechanical Load (Tension)

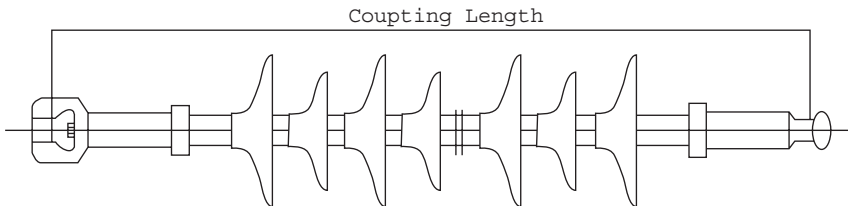
Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		
						Dry	Wet	Pos.	Neg.	
FXB1-110/160SB	21	132	1520	3170	1200	455	410	730	766	12
FXB2-110/160SB	21	132	1520	3800	1200	455	410	730	766	12.5
FXB3-132/160SB	25	132	1620	4390	1300	495	445	790	830	12.8
FXB1-132/160SB	27	161	1720	3920	1400	530	477	845	888	12.8
FXB2-132/160SB	27	161	1720	4740	1400	530	477	845	888	13.2
FXB3-132/160SB	31	161	1820	4400	1500	570	513	900	945	13.2
FXB4-161/160SB	33	161	1920	5670	1600	605	545	960	1008	13.5
FXB1-161/160SB	37	220	2220	5360	1900	720	648	1120	1176	14.5
FXB2-161/160SB	37	220	2220	6470	1900	720	648	1120	1176	14.7
FXB1-161/160SB	39	230	2320	5640	2000	755	680	1180	1240	14.5
FXB2-220/160SB	39	230	2320	6810	2000	755	680	1180	1240	14.8
FXB3-220/160SB	43	230	2520	6210	2000	830	710	1290	1355	15.2
FXB4-230/160SB	45	230	2670	7900	2350	890	740	1380	1450	16
FXB1-230/160SB	53	345	2920	7550	2600	960	820	1520	1590	16.5
FXB2-230/160SB	55	345	3020	9480	2700	980	830	1570	1650	17
FXB3-230/160SB	55	345	3120	9580	2800	1000	880	1630	1710	17.3
FXB4-245/160SB	65	345	3320	11010	3000	1050	930	1740	1827	18
FXB1-245/160SB	65	400	3620	9360	3300	1150	1020	1910	2005	19
FXB2-245/160SB	67	400	3720	9650	3400	1170	1030	1960	2060	19.3
FXB3-245/160SB	69	400	3820	12000	3500	1190	1060	2020	2120	20.5
FXB4-400/160SB	73	400	4020	12690	3700	1250	1100	2130	2236	21
FXB1-400/160SB	79	500	4320	11360	4000	1350	1160	2300	2415	22
FXB2-400/160SB	81	500	4420	14080	4100	1370	1168	2360	2478	23

Note:

1. All tests are in accordance with IEC61109;
2. Maximum RIV is 100uv when tested at 1 MHz and 10% over nominal line-ground voltage for indicated system voltage
3. All units for 220kV system voltage should be assembled one corona rings at the line end.
4. All units for 345kV or greater system voltage should be assembled with two corona rings, one at each end.
5. For other fittings, use the suffixes indicated above. Specify the top fitting first. For example: for clevis top and tongue bottom. add the suffix CT instead of the suffix SB, If both end fittings are to be same, just specify one letter.
Example: for clevis at both end. just add C suffix instead of the suffix SB.



SUSPENSION INSULATORS



CHARACTERISTICS

210KN Specified Mechanical Load (Tension)

Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		
						Dry	Wet	Pos.	Neg.	
FXB1-345/210SB	53	345	2920	7470	2600	960	820	1520	1596	20
FXB2-345/210SB	55	345	3020	7750	2700	980	830	1570	1650	20.5
FXB3-345/210SB	61	345	3120	8400	2800	1000	880	1630	1710	21.2
FXB4-345/210SB	65	345	3320	8970	3000	1050	930	1740	1827	22.6
FXB1-400/210SB	65	400	3620	9270	3300	1150	1020	1910	2005	24.7
FXB2-400/210SB	67	400	3720	9550	3400	1170	1030	1960	2060	25.4
FXB3-400/210SB	75	400	3820	10380	3500	1190	1060	2020	2120	26.1
FXB4-400/210SB	81	400	4020	11130	3700	1250	1100	2130	2236	27.5
FXB1-500/210SB	87	500	4320	11980	4000	1350	1160	2300	2415	29.5
FXB2-500/210SB	89	500	4420	12270	4100	1370	1168	2360	2478	30
FXB3-500/210SB	93	500	4600	12810	4280	1410	1182	2400	2490	31

Note:

1. All tests are in accordance with IEC61109;
2. Maximum RIV is 100μv when tested at 1 MHz and 10% over nominal line-ground voltage for indicated system voltage
3. All units for 220kV and 230kV or greater system voltage should be assembled one corona rings at the line end.
5. For other fittings, use the suffixes indicated above. Specify the top fitting first. For example: for clevis top and tongue bottom. add the suffix CT instead of the suffix SB, If both end fittings are to be same, just specify one letter.
Example: for clevis at both end. just add C suffix instead of the suffix SB.

CHARACTERISTICS

300KN Specified Mechanical Load (Tension)

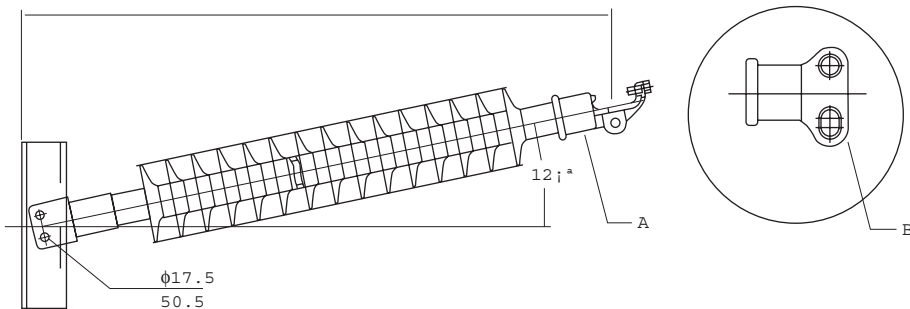
Catalogue Number	No. of sheds	Usual System volt. (KV)	Approx. Dimensions(mm)			Electrical Ratings				Approx Net Weight (kg)
			Coupling length	Leakage distance	Dry arcing distance	Power freq. Flashover (kv)		Impulse Flashover (kv)		
						Dry	Wet	Pos.	Neg.	
FXB1-400/300SB	65	400	3650	9270	3300	1150	1020	1910	2005	36.3
FXB2-400/300SB	67	400	3750	9550	3400	1170	1030	1960	2060	37.3
FXB3-400/300SB	75	400	3850	10380	3500	1190	1060	2020	2120	38.3
FXB4-400/300SB	81	400	4050	11130	3700	1250	1100	2130	2236	40.5
FXB1-500/300SB	87	500	4350	11980	4000	1350	1160	2300	2415	43.3
FXB2-500/300SB	89	500	4450	12270	4100	1370	1168	2360	2478	44
FXB3-500/300SB	93	500	4630	12810	4280	1410	1182	2400	2490	45

Note:

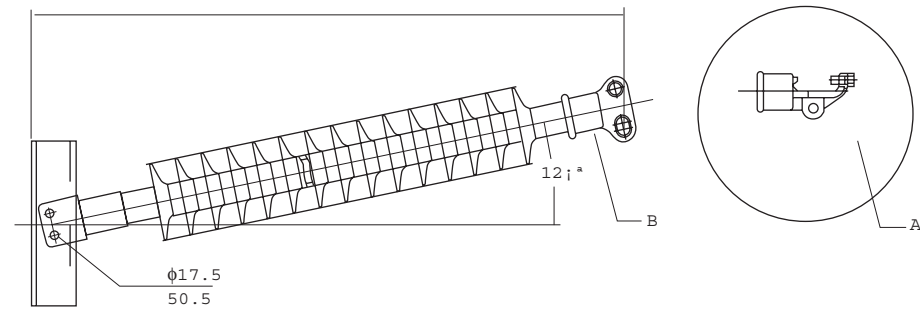
1. All tests are in accordance with IEC61109;
2. Maximum RIV is 100uV when tested at 1 MHz and 10% over nominal line-ground voltage for indicated system voltage
3. All units for 345kV or greater system voltage should be assembled with two corona rings, one at each end.



HORIZONTAL MOUNTED INSULATORS WITH CLAMP



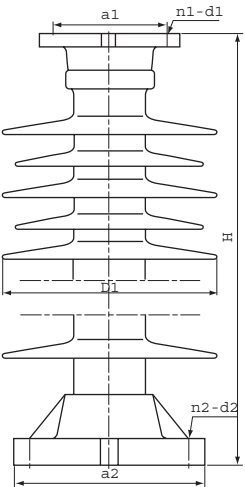
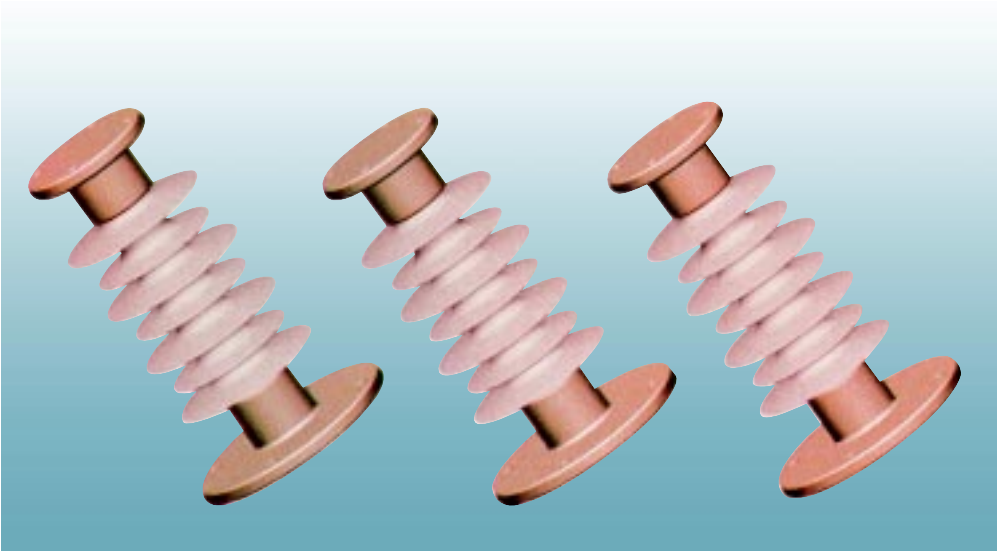
Type code	Rate Voltage	length mm	Dry arcing Distance mm	Leakage Distance mm	Lightning Impulse Withstand Voltage KV (peak value)	Wet power Frequency Withstand Voltage KV (virtual value)	Net Weight kg	RCL KN
FSJ3-66/10A	66	980	711	1727	410	185	22.7	10
FSJ4-66/8A	66	1115	838	2083	410	185	24.5	8
FSJ2-110/8A	110	1250	991	2438	550	230	25.9	8
FSJ3-110/6A	110	1384	1118	2794	550	230	27.7	6
FSJ4-110/6A	110	1514	1245	3150	550	230	29.5	6
FSJ1-220/4A	220	2180	1930	4928	1000	395	37.2	4
FSJ3-220/4A	220	2314	2057	5238	1000	395	39.0	4
FSJ3-220/3A	220	2446	2210	5639	1000	395	40.4	3
FSJ4-220/3A	220	2710	2462	6350	1000	395	44.0	3



Type code	Rate Voltage	length mm	Dry arcing Distance mm	Leakage Distance mm	Lightning Impulse Withstand Voltage KV (peak value)	Wet power Frequency Withstand Voltage KV (virtual value)	Net Weight kg	RCL KN
FSJ3-66/10A	66	980	711	1727	410	185	22.7	10
FSJ4-66/8A	66	1115	838	2083	410	185	24.5	8
FSJ2-110/8A	110	1250	991	2438	550	230	25.9	8
FSJ3-110/6A	110	1384	1118	2794	550	230	27.7	6
FSJ4-110/6A	110	1514	1245	3150	550	230	29.5	6
FSJ1-220/4A	220	2180	1930	4928	1000	395	37.2	4
FSJ3-220/4A	220	2314	2057	5238	1000	395	39.0	4
FSJ3-220/3A	220	2446	2210	5639	1000	395	40.4	3
FSJ4-220/3A	220	2710	2462	6350	1000	395	44.0	3



COMPOSITE POST INSULATOR



Type code	Voltage Rating KV	Loading Rating >		Total Height mm	Dry Arcing Distance mm	Minimum Nominal Creepage Distance	Imin power frequency withstand voltage > KV		Lightning Impulse Withstand Voltage > KV
		Bending KN	Torsion KN				Dry	Wet	
FZS-12/4T	12	4	0.6	215	115	190	47	42	75
FZSW-24/8	24	8	1.2	350	205	385	68	50	125
FZSW-24/16	24	16	6.0	350	205	385	68	50	125
FZSW-40.5/4	40.5	4	1.5	445	300	650	108	95	230
FZSW-40.5/8	40.5	8	2.0	445	300	650	108	95	230
FZSW-73.5/4	72.5	4	2.0	770	620	1160	200	185	410
FZSW-72.5/6	72.5	6	2.5	770	620	1160	200	185	410
FZSW-126/4	126	4	3.0	1220	1070	2015	280	230	550
FZSW-126/8	126	8	4.0	1220	1050	2015	280	230	550
FZSW-126/12.5	126	12.5	6.0	1220	1050	2015	280	230	550
FXSW-252/4	252	4	3.0	2300	1940	4030	560	395	1000
FZS-252/8	252	8	4.0	2300	1940	4030	560	395	1000
FZS-252/12.5	252	12.5	6.0	2300	1940	4030	560	395	1000
FZS-252/16	252	16	6.0	2300	1940	4030	560	395	1000