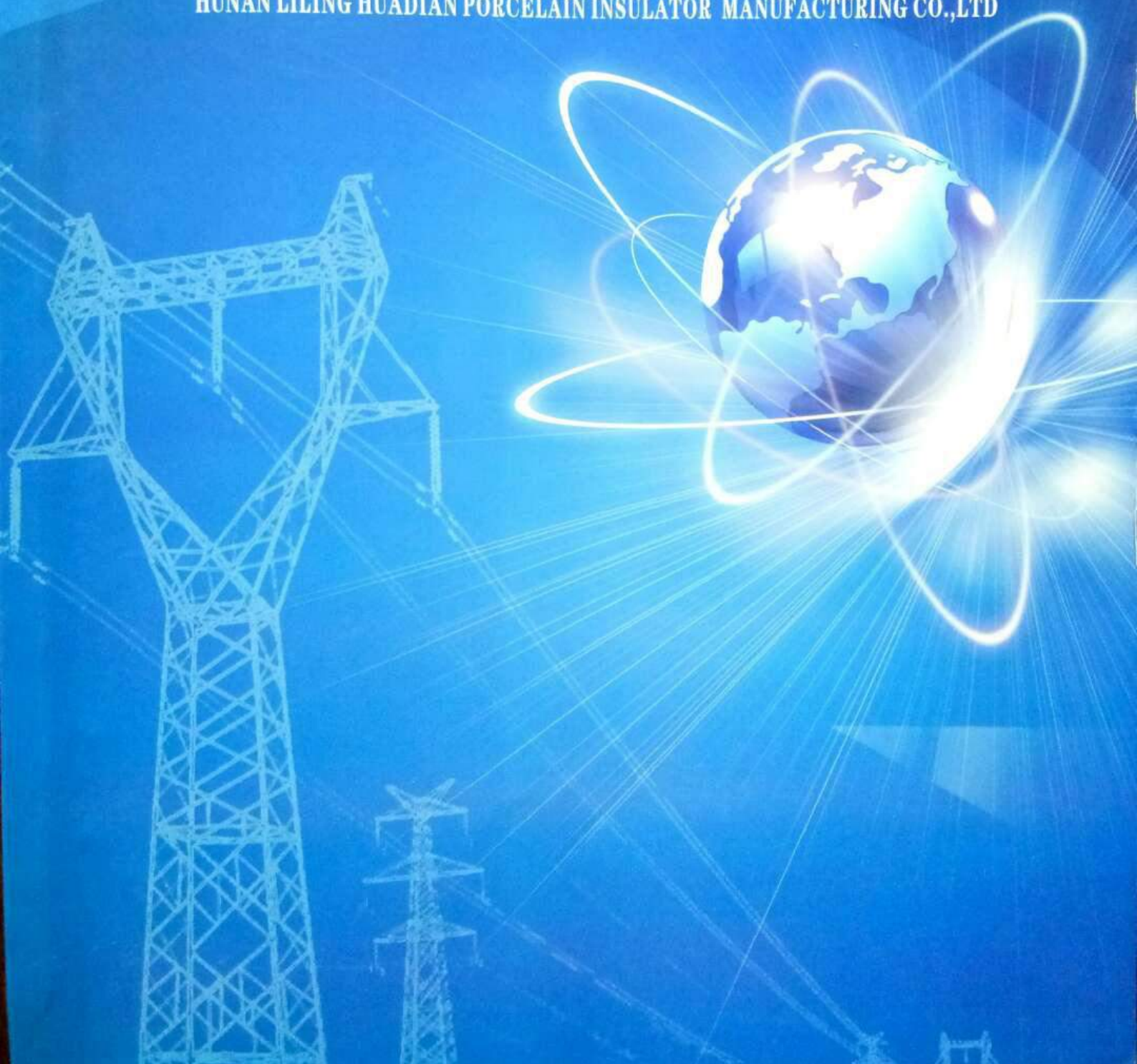




湖南省醴陵市华电电瓷制造有限公司

HUNAN LILING HUADIAN PORCELAIN INSULATOR MANUFACTURING CO.,LTD



HD

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公司简介

湖南省醴陵市华电瓷电器制造有限公司地处全国四大瓷都之一——醴陵城北工业园。公司占地面积四万平方米，员工三百余人，其中高级工程师十五人，高级经济管理人员三人。

公司拥有雄厚的技术力量，先进的生产设备，完善的检测设施。公司于二〇〇四年通过ISO9001质量体系认证，具有按IEC标准、美标、英标、德标、澳标以及按顾客要求进行设计，生产与试验的能力，生产品种齐全、系列众多。优良的品质、可靠的质量、热忱的服务、诚信和营销，使企业获得了国内外客户的信赖和好评。

始终不渝地坚持质量第一、诚信至上的宗旨，我们愿为您竭诚服务，在您的青睐下，共创美好的明天。

Company Profile

Hunan Province Liling City China Electric High—tension Electricity Porcelain Electric Apparatus Manufacturing Co.,Ltd.is located in Northern City Industrial Park of Liling which is one of the famous four Ceramic Capital in China. The company covers an area of 40,000 square meters and empolys more than 300 people in which there are 15 senior engineering technicians and 3 senior management professionals.

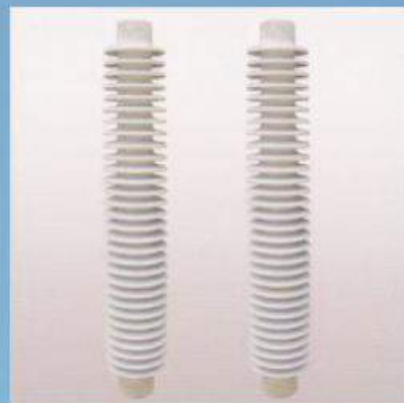
With the strong technical force, advanced production line and perfect testing facilities, the company has passed the certification of ISO9001 quality system in 2004.The company has the capacity to design, produce and test complets. Depends on the good and reliable quality, warm sevice and faithfulsale, the company iwns praise and trust from domestic and oversea clients.

By insisting the business principle of "Quality first, Trust foremost",the company will serve for you heart and soul and built the beautiful future together.

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- ◎ ANSI 57系列线路柱式瓷绝缘子
ANSI 57-Series Line Post Porcelain Insulators
- ◎ ANSI TR系列棒形支柱瓷绝缘子
ANSI TR-Series Solid-core Post Porcelain Insulators
- ◎ 高压穿墙瓷套管
High-Voltage Porcelain Wall Bushings



高压棒形支柱瓷绝缘子简介

◎概述 (Summary)

户外棒形支柱瓷绝缘子适用于工频交流系统标称电压11.5~500千伏的变电所配电装置和电站电器设备中，作导电部分的绝缘和支持用。

按支持的电气设备不同，分为母线及隔离开关支柱，阻波器支柱和空心电抗器支柱三种。

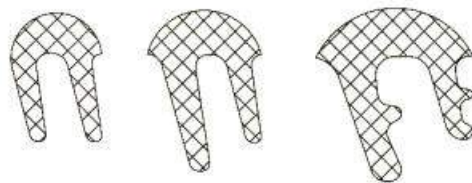
Outdoor solid-core post Porcelain Insulator is applied in electric equipments in 11.5~500kV substation and power station in power frequency A.C. system for insulation and supporting.

According to the difference functions for the supported electrical equipments, it is divided to three types, such as post insulator for Bus bar and disconnector, post insulator for wave trap and post insulator for air core type reactor.

◎结构特点 (Features)

绝缘子由瓷件与上、下金属附件用水泥胶合剂胶装而成。瓷件表面上棕釉，或根据用户要求的颜色上釉。金属附件表面热镀锌。普通型绝缘子采用标准伞型；耐污型绝缘子采用大小伞相同、伞下带棱伞形。大小伞型为大伞和小伞交错结构，由于小伞处于大伞的保护下不易受污染，且大伞间间距较大，改

善了伞间放电特性，因而提高了绝缘子的耐污性能，并有利于带电水冲洗。伞形结构符合 IEC60815 要求。



330KV及以上用于支持母线的绝缘子，其顶部没有均压环。

为保证绝缘子的性能，我厂对棒形瓷件逐只进行打击试验和超声波探伤检查。

The post insulator is assembled by ceramic body with upper and down fittings by portland cements. The ceramic body is in brown glaze or as per client's requirement, and fittings are hot dip galvanized. The normal type post porcelain insulator is with standard sheds. The Anti-pollution type insulator is with sheds which is alternating bigger shed and smaller one and the sheds is also with multi-ribs on underneath. In this profile, the big shed can protect the small shed from pollution and the distance between the big shed is bigger that improves the discharge characteristic and anti-pollution performance. This profile complies with IEC 60815 and easy to wash in operating.

The Post insulator at voltage of 330kV or above for supporting Busbar, it is equipped with shielding ring.

In order to ensure the insulator performance, every ceramic body will take the impact test and ultrasonic flaw detection in the company.

高压棒形支柱瓷绝缘子简介

◎技术标准 (Technical standard)

高压支柱瓷绝缘子应符合以下标准规定：

☆GB/T8287.2《高压支柱瓷绝缘子第2部分：尺寸与特性》

☆GB12744《耐污型户外棒形支柱瓷绝缘子》

☆IEC60273《额定电压高于1000伏的系统用户内和户外支柱绝缘子以及支柱绝缘子元件的尺寸》

☆ANSI29.9《湿法成型瓷绝缘子-电器柱式》

HV post porcelain insulator should comply with standards as below:

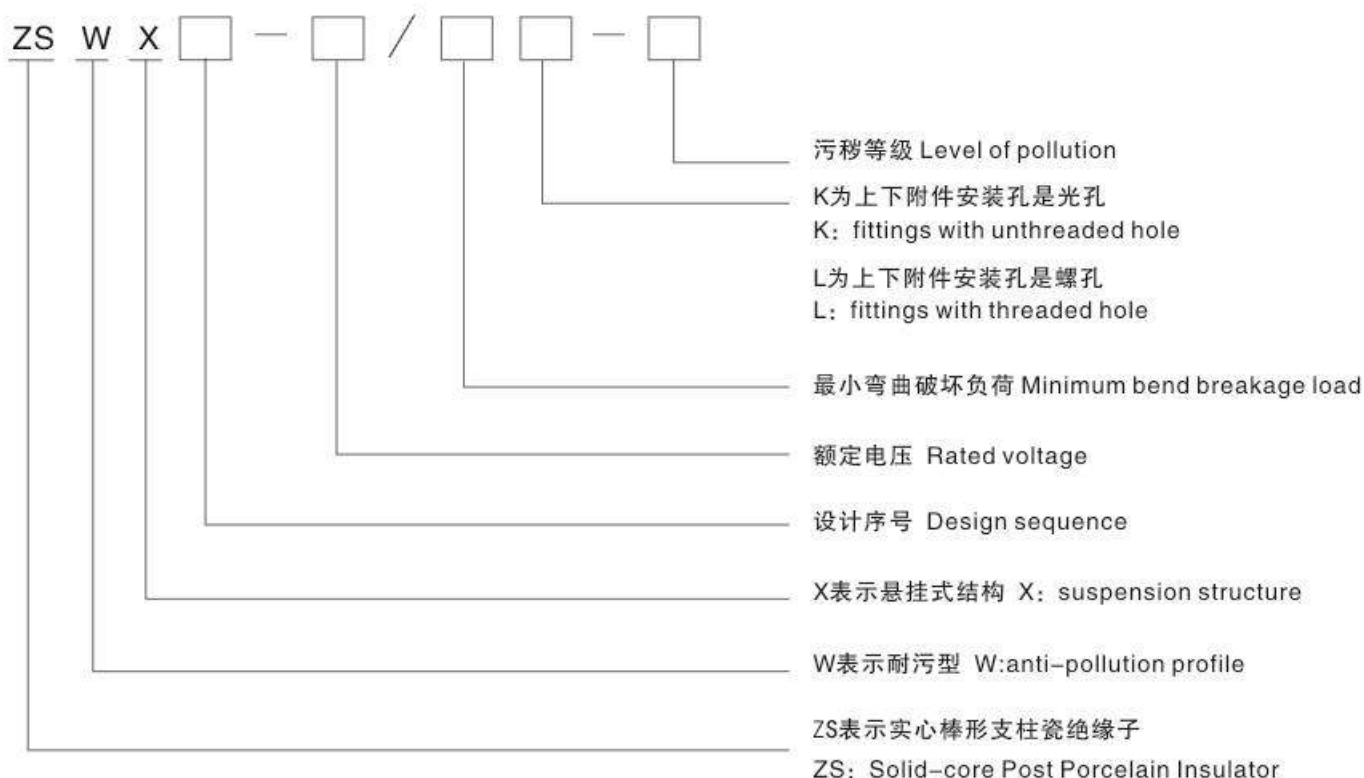
GB/T 8287.2 High voltage post porcelain insulator section 2: dimensions and features

GB 12744 anti-pollution outdoor solid core porcelain insulators

IEC 60273 Characteristics of indoor and outdoor post insulators for systems with nominal voltages greater than 1000V

ANSI C 29.9 Wet Process Porcelain Insulators

◎国标产品型号说明 (Denomination following Gb)



GB 系列棒形支柱瓷绝缘子

12kV~72.5kV棒形支柱瓷绝缘子

12-72.5kv SOLID-CORE POST PORCELAIN INSULATOR

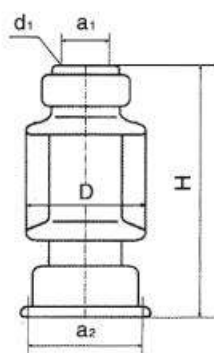


图6
Fig 6

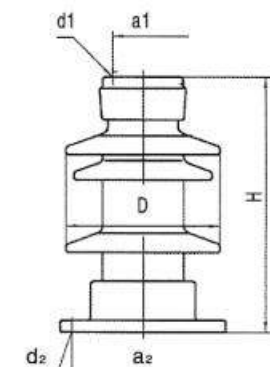


图6a
Fig 6a

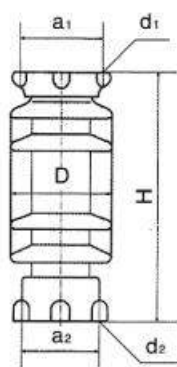


图7
Fig 7

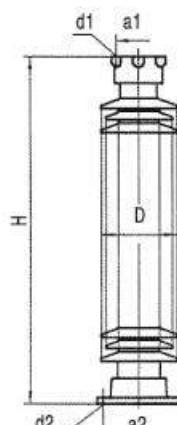


图8
Fig 8

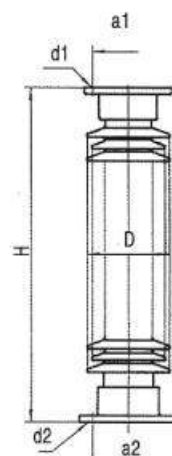


图9
Fig 9

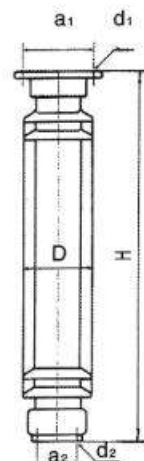


图10
Fig 10

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	A ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZS-12/4	3001	12	G6	210	140	36	2×M8	130	2×Φ12	200	4	1	4.2
ZSW-12/4	3001A	12	G6a	210	155	36	2×M8	130	2×Φ12	240	4	1	8
ZS-24/8	3002	24	G6	350	185	76	2×M12	180	4×Φ14	400	8	1	15
ZSW-24/8	3002A	24	G6a	350	180	76	2×M12	180	4×Φ14	480	8	1	18
ZS-24/10	3003	24	G6	350	185	140	4×M12	180	4×Φ14	480	10	1	20.5
ZSW-24/10	3003A	24	G6a	350	205	140	4×M12	180	4×Φ14	600	10	1	20
ZS-24/16	3004	24	G6	350	210	140	4×M12	210	4×Φ18	400	16	1	22
ZSW-24/16	3004A	24	G6a	350	215	140	4×M12	210	4×Φ18	480	16	1	26
ZS-24/30	3005	24	G6	400	230	140	4×M12	250	4×Φ18	400	30	1	34
ZSW-24/30	3005A	24	G6a	400	235	140	4×M12	250	4×Φ18	600	4	1	39
ZS-40.5/4	3006	40.5	G7	400	185	140	4×Φ14	140	4×Φ14	625	8	1	10.5
ZS-40.5/8	3007	40.5	G6	420	200	140	4×M12	180	4×Φ14	625	4	1.5	16
ZSW-40.5/4	3008	40.5	G8	550	230	140	4×M12	180	4×Φ14	1256	4	2	35
ZSW-40.5/6L	3009	40.5	G7	450	202	140	4×M12	140	4×Φ12	875	6	1.5	22
ZSW-40.5/4L	3009A	40.5	G7	500	220	140	4×M12	140	4×Φ12	1015	4	2	32
ZSW-40.5/6	3010	40.5	G8	550	230	140	4×M12	180	4×Φ14	1256	6	2	32
ZSW-40.5/6L	3011	40.5	G7	500	220	140	4×M12	140	4×Φ12	1015	6	1.5	24
ZSW-40.5/8	3012	40.5	G8	550	230	140	4×M12	180	4×Φ14	1256	8	2	42
ZSW-40.5/8L	3013	40.5	G7	560	230	140	4×M12	140	4×Φ12	1256	8	2	27
ZSW-40.5/10	3014	40.5	G8	550	240	140	4×M12	180	4×Φ14	1256	10	3	40
ZSW-40.5/10	3014A	40.5	G7	560	245	127	4×M16	180	4×Φ14	1256	10	4	50

12-72.5kv SOLID-CORE POST PORCELAIN INSULATOR

GB 系列棒形支柱瓷绝缘子

126kV棒形支柱瓷绝缘子

126kv SOLID-CORE POST PORCELAIN INSULATOR

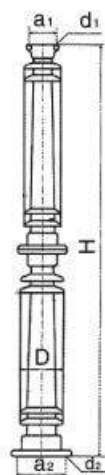


图16
Fig 16

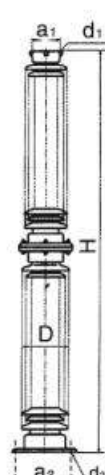


图17
Fig 17

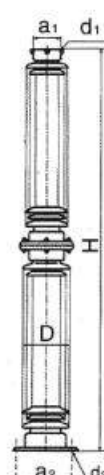


图18
Fig 18

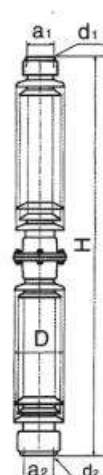


图19
Fig 19

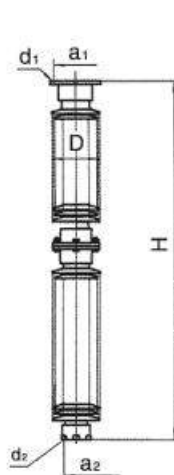


图20
Fig 20

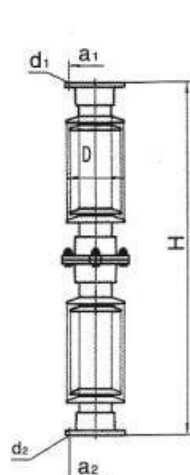


图21
Fig 21

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	a ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZSW-126/4	3028	126	G12	1170	246	140	4×M12	225	4×Φ18	3150	4	2	70
ZSW-126/4	3028A	126	G12	1200	246	140	4×M12	225	4×Φ18	3150	4	2	72
ZSW-126/4L-3	3028B	126	G11	1190	246	140	4×M12	140	4×M12	3150	4	2	73
ZSW-126/4L-3	3028C	126	G11	1200	246	140	4×M12	140	4×M12	3150	4	2	72
ZSW-126/4-3	3029	126	G11	1220	246	127	4×M16	200	4×Φ18	3150	4	2	73
ZSW-126/4	3030	126	G12	1400	250	140	4×M12	225	4×Φ18	3300	4	2	78
ZSW-126/4L	3031	126	G11	1220	250	140	4×M12	140	4×M12	3650	4	2	70
ZSW ₁ -126/4	3032	126	G12	1200	253	140	4×M12	225	4×Φ18	3528	4	4	71
ZSW-126/4	3033	126	G12	1400	230	140	4×M12	225	4×Φ18	3906	4	2	80
ZSW-126/4	3034	126	G9	1400	230	140	4×M12	140	4×M12	3906	4	2	80
ZSW-126/6	3035	126	G12	1150	254	140	4×M12	225	4×Φ18	3150	6	2	73
ZSW-126/6L	3036	126	G11	1200	254	140	4×M12	140	4×M12	3150	6	2	74
ZSW-126/6	3037	126	G9	1150	250	225	4×Φ18	225	4×Φ18	3150	6	2	73
ZSW-126/6L	3038	126	G11	1190	254	140	4×M12	140	4×M12	3150	6	3	75
ZSW ₂ -126/6	3039	126	G12	1200	254	140	4×M12	225	4×Φ18	3150	6	4	80
ZSWX-126/6	3040	126	G10	1200	250	225	4×Φ18	140	4×M12	3150	6	2	80
ZSW _{2a} -126/6	3041	126	G12	1150	250	127	4×M16	225	4×Φ18	3150	6	3	65
ZSW-126/6	3042	126	G12	1200	275	140	4×M12	225	4×Φ18	3906	6	4	90
ZSXW-126/6	3043	126	G10	1200	275	225	4×Φ18	140	4×M12	3906	6	4	90
ZSW ₂ -126/6	3044	126	G10	1200	275	127	4×M16	225	4×Φ18	3906	6	4	90
ZSW _{1r} -126/6	3045	126	G12	1170	257	140	4×M12	225	4×Φ18	3906	6	3	89

GB 系列棒形支柱瓷绝缘子

126kV棒形支柱瓷绝缘子

126kv SOLID-CORE POST PORCELAIN INSULATOR

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	a ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZSW ₂ -1268	3046	126	G12	1150	254	140	4×M12	225	4×Φ18	3150	8	2	85
ZSW ₂ -1268	3047	126	G12	1200	255	127	4×M16	225	4×Φ18	3150	8	4	88
ZSW-1268K-3	3048	126	G9	1150	254	225	4×Φ18	250	4×Φ18	3150	8	4	90
ZSW ₂ -1268	3049	126	G12	120	254	127	4×M16	250	4×Φ18	3150	8	4	93
ZSW ₂ -1268	3050	126	G11	1190	254	140	4×M16	140	4×M16	3150	8	4	79
ZSW-1268-3	3051	126	G9	1150	254	225	4×Φ18	225	4×Φ18	3150	8	4	85
ZSW ₂ -1268	3052	126	G12	1150	255	127	4×M16	225	4×Φ18	3150	8	4	82
ZSW ₂ -1268	3053	126	G12	1200	255	140	4×M12	225	4×Φ18	3150	8	4	84
ZSW ₂ -150-8.5	3054	126	G15	1150	255	225	4×Φ18	250	4×Φ18	3150	8.5	4	86
ZSW ₂ -1200-8.5	3055	126	G9	1200	255	225	4×Φ18	250	4×Φ18	3150	8.5	4	90
ZSW ₂ -1268	3056	126	G12	1170	255	140	4×M12	225	4×Φ18	3150	8	4	84
ZSW ₂ -1268	3057	126	G9	1220	270	225	4×Φ18	250	4×Φ18	3780	8	4	98
ZSW ₂ -1268	3058	126	G12	1170	275	140	4×M12	225	4×Φ18	3906	8	4	95
ZSW ₂ -1268	3059	126	G9	1170	275	225	4×Φ18	225	4×Φ18	3906	8	4	90
ZSW ₂ -1268	3060	126	G12	1170	275	140	4×M12	250	4×Φ18	3906	8	4	91
ZSW ₂ -1268	3061	126	G12	1200	275	140	4×M12	225	4×M16	3906	8	4	95
ZSW ₂ -1268	3062	126	G12	1220	275	140	4×M12	225	4×Φ18	3906	8	4	98
ZSW ₂ -1268	3063	126	G9	1200	275	225	4×Φ18	250	4×Φ18	3906	8	7	100
ZSW-1200-8.5	3064	126	G9	1200	275	225	4×Φ18	250	4×Φ18	3906	8.5	7	105
ZSW-126/10	3065	126	G9	1150	260	225	4×Φ18	250	4×Φ18	3150	10	6	95
ZSW-126/10	3066	126	G9	1200	260	250	4×Φ18	275	8×Φ18	3150	10	6	105-10
ZSW ₂ -126/10	3067	126	G9	1200	260	250	4×Φ22	250	8×Φ18	3150	10	4	85
ZSW-126/10	3068	126	G9	1200	260	225	4×Φ18	225	4×Φ18	3150	10	4	81
ZSW-126/10	3069	126	G12	1200	280	140	4×M12	250	8×Φ18	3906	10	6	103
ZSW-126/10K	3070	126	G9	1200	275	225	4×Φ18	250	8×Φ18	3906	10	6	98
ZSW-1150-12.5	3071	126	G9	1150	264	225	4×Φ18	250	8×Φ18	3150	12.5	2	88
ZSW-1150-12.5	3072	126	G9	1150	255	225	4×Φ18	250	4×Φ18	2750	12.5	2	94
ZSW-1200-12.5	3073	126	G9	1200	264	225	4×Φ18	275	4×Φ18	3150	12.5	3.5	99
ZSW ₂ -1200-12.5	3074	126	G9	1200	264	225	4×Φ18	250	8×Φ18	3150	12.5	7	95
ZSW-1200-12.5	3075	126	G9	1200	260	225	4×Φ18	250	4×Φ18	3150	12.5	7	95
ZSW ₂ -1200-12.5	3076	126	G12	1200	289	140	4×M12	250	8×Φ18	3906	12.5	2	105
ZSW-1200-12.5	3077	126	G9	1200	285	225	4×Φ18	275	4×Φ18	3906	12.5	7	110
ZSW-1200-16	3078	126	G9	1200	278	225	4×Φ18	250	8×Φ18	3150	16	4	110
ZSXW-1200-16	3079	126	G10	1200	278	254	8×Φ18	275	4×Φ18	3150	16	4	115

GB 系列棒形支柱瓷绝缘子

126-252kV棒形支柱瓷绝缘子

126-252kv SOLID-CORE POST PORCELAIN INSULATOR

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	a ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZSW-1200-16	3080	126	G9	1200	278	225	4 × Φ 18	250	8 × Φ 18	3150	16	4	110
ZSW-1150-16	3081	126	G9	1150	278	225	4 × Φ 18	250	8 × Φ 18	3150	16	4	110
ZSW-1200-18	3082	126	G15	1200	280	250	4 × Φ 18	286	6 × Φ 18	3150	18	4	118
ZSW-1200-18	3083	126	G9	1200	280	254	4 × Φ 18	275	8 × Φ 18	3150	18	4	115
ZSW-1150-18	3084	126	G9	1150	280	254	4 × Φ 18	275	8 × Φ 18	3150	18	4	115
ZSW-1150-16	3085	126	G9	1150	278	225	4 × Φ 18	275	8 × Φ 18	3150	16	4	95
ZSW-126/18	3086	126	G9	1200	278	225	4 × Φ 18	275	8 × Φ 18	3150	18	7	125
ZSW-1160-20	3087	126	G9	1160	280	225	4 × Φ 18	275	8 × Φ 18	3150	20	4	123
ZSW-1200-20	3088	126	G9	1200	280	250	4 × Φ 18	275	8 × Φ 18	3150	20	6	125
ZSW-1150-18	3089	126	G9	1150	265	225	4 × Φ 18	275	8 × Φ 18	3150	18	6	124
ZSW-1150-24	3090	126	G9	1150	288	250	8 × Φ 18	275	8 × Φ 18	3150	24	6	130
ZSW-1200-24	3091	126	G15	1200	288	250	8 × Φ 18	275	8 × Φ 18	3150	24	6	130
ZSW-1200-24	3092	126	G15	1200	288	250	4 × Φ 18	275	8 × Φ 18	3150	24	6	130
ZSW-1200-24	3093	126	G15	1200	295	250	8 × Φ 18	275	8 × Φ 18	3906	24	6	140
ZCW-1150-N1.5	3094	126	G16	1150	230	180	4 × Φ 13	180	4 × Φ 13	3150	-	2	53.3
ZCW-1200-N2	3095	126	G14	1200	240	225	4 × Φ 18	127	4 × M16	3150	-	2	53
ZCW-1200-N2	3096	126	G13	1200	240	127	4 × M16	225	4 × Φ 18	3150	-	2	53
ZCW-1150-N4	3097	126	G16	1150	240	180	4 × Φ 13	180	4 × Φ 13	3150	-	4	55
ZCW-1150-N2	3098	126	G16	1150	250	180	4 × Φ 13	180	4 × Φ 13	3906	-	2	60
ZCW-1200-N2	3099	126	G13	1200	265	127	4 × M16	225	4 × Φ 18	3906	-	2	70
ZCW-1200-N2	3100	126	G14	1200	265	225	4 × Φ 18	127	4 × M16	3906	-	2	70
ZSW-1500-5.5	3101	145	G12	1500	260	127	4 × M16	225	4 × Φ 18	3850	5.5	4	122
ZSW-1500-10.5	3102	145	G9	1500	288	225	4 × Φ 18	275	8 × Φ 18	3850	10.5	4	144
ZSW-1500-8.5	3103	145	G9	1500	288	225	4 × Φ 18	250	8 × Φ 18	4760	8.5	4	130
ZSW-1500-10	3104	145	G12	1500	288	140	4 × M12	250	4 × Φ 18	4760	10	4	142
ZSW ₁₀ -252/4	3105	252	G17	2320	260	140	4 × M12	250	8 × Φ 18	6300	4	2	153
ZSW-252/4	3106	252	G17	2300	254	140	4 × M12	250	4 × Φ 18	6300	4	2	154
ZSW ₁₁ -252/4	3107	252	G17	2420	270	140	4 × M12	275	4 × Φ 18	6820	4	2	160
ZSW-252/4K	3108	252	G18	2300	254	190	4 × Φ 14	250	4 × Φ 18	6300	4	2	140
ZSW ₁₂ -252/4-3	3109	252	G17	2400	260	140	4 × M12	250	4 × Φ 18	6300	4	2	145
ZSW-252/56	3110	252	G17	2300	264	140	4 × M12	250	8 × Φ 18	6300	6	2	176
ZSW ₁₀ -252/56	3111	252	G17	2300	264	140	4 × M12	254	8 × Φ 18	6300	6	2	180
ZSW-252/6	3112	252	G17	2370	264	140	4 × M12	275	4 × Φ 18	6300	6	3.5	166
ZSW ₁₁ -252/6	3113	252	G17	2300	265	140	4 × M12	250	8 × Φ 18	6300	6	3.5	160

GB 系列棒形支柱瓷绝缘子

252kV棒形支柱瓷绝缘子

252kv SOLID-CORE POST PORCELAIN INSULATOR

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	a ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZSW-252/6	3114	252	G17	2370	260	140	4×M12	250	4×Φ18	6300	6	3	174
ZSW ₆ -252/6	3115	252	G17	2400	280	140	4×M12	250	8×Φ18	7812	6	3	185
ZSW-252/6	3116	252	G17	2440	280	140	4×M12	250	8×Φ18	7812	6	3	190
ZSW ₆ -252/6	3117	252	G17	2400	280	140	4×M12	275	4×Φ18	7812	6	3	190
ZSW-252/8	3118	252	G17	2400	280	127	4×M16	250	8×Φ18	6300	8	4	100
ZSW-252/8	3119	252	G17	2400	278	140	4×M12	250	8×Φ18	6300	8	4	200
ZSW-252/8	3120	252	G17	2400	278	127	4×M16	286	6×Φ18	6300	8	4	200
ZSW-252/8	3121	252	G18	2300	278	225	4×Φ18	250	8×Φ18	6300	8	4	190
ZSW-252/8	3122	252	G17	2300	278	140	4×M12	250	4×Φ20	6300	8	4	190
ZSW-252/8	3123	252	G17	2300	270	140	4×M12	250	8×Φ18	6300	8	4	190
ZSW ₄ -252/8	3124	252	G17	2400	270	140	4×M12	275	6×Φ18	6300	8	7	195
ZSW ₃ -252/8	3125	252	G18	2300	275	225	4×Φ18	250	8×Φ18	6300	8	4	190
ZSW-252/8K	3126	252	G18	2400	288	225	4×Φ18	250	8×Φ18	7812	8	4	215
ZSW-252/8	3127	252	G17	2440	288	140	4×M12	250	8×Φ18	7812	8	4	215
ZSW-220/8	3128	252	G17	2400	288	127	4×M16	286	6×Φ18	7812	8	4	215
ZSW1.6-252/8	3129	252	G17	2370	288	140	4×M12	254	8×Φ18	7812	8	4	200
ZSW ₅ -252/10K	3130	252	G18	2400	288	225	4×Φ18	275	8×Φ18	7812	10	6	215
ZSW-252/10	3131	252	G17	2400	289	127	4×M16	286	6×Φ18	7812	10	6	225
ZSW-252/10	3132	252	G18	2400	289	286	6×Φ18	286	6×Φ18	7568	10	6	230
ZSW-252/9	3133	252	G17	2400	270	127	4×M16	286	6×Φ18	6300	10	6	225
ZSW ₁ -252/10	3134	252	G18	2400	265	250	4×Φ18	280	8×Φ18	6140	10	7	212
ZSW ₁ -220/10	3135	252	G17	2300	278	127	4×M16	254	8×Φ18	6800	10	7	215
ZSW-252/10K	3136	252	G18	2350	280	225	4×Φ18	286	6×Φ18	6300	10	7	210
ZSW-252/10	3137	252	G18	2300	284	225	4×Φ18	275	8×Φ18	6300	10	6	225
ZSW-252/10K	3138	252	G18	2400	278	225	4×Φ18	275	8×Φ18	6300	10	7	230
ZSW-252/10	3139	252	G18	2400	284	250	4×Φ18	280	8×Φ18	6300	10	7	230
ZSW-252/12	3140	252	G18	2300	280	225	4×Φ18	275	8×Φ18	6300	12	6	220
ZSW-252/12	3141	252	G18	2400	280	225	4×Φ18	275	8×Φ18	6300	12	6	230
ZSW-252/12	3142	252	G18	2300	278	225	4×Φ18	275	8×Φ18	6300	12	6	235
ZSW-252/12.5	3143	252	G18	2360	269	225	4×Φ18	280	6×Φ18	5500	12.5	6	230
ZSW-252/12.5	3144	252	G18	2400	284	225	4×Φ18	275	8×Φ18	6300	12.5	6	235
ZSW-252/12	3145	252	G18	2300	290	225	4×Φ18	275	8×Φ18	7812	12	6	250
ZSW-252/N2	3146	252	G19	2400	225	127	4×M16	127	4×M16	5040	-	2	100
ZSW-252/N2.5	3147	252	G19	2400	230	127	4×M16	127	4×M16	5500	-	2	102

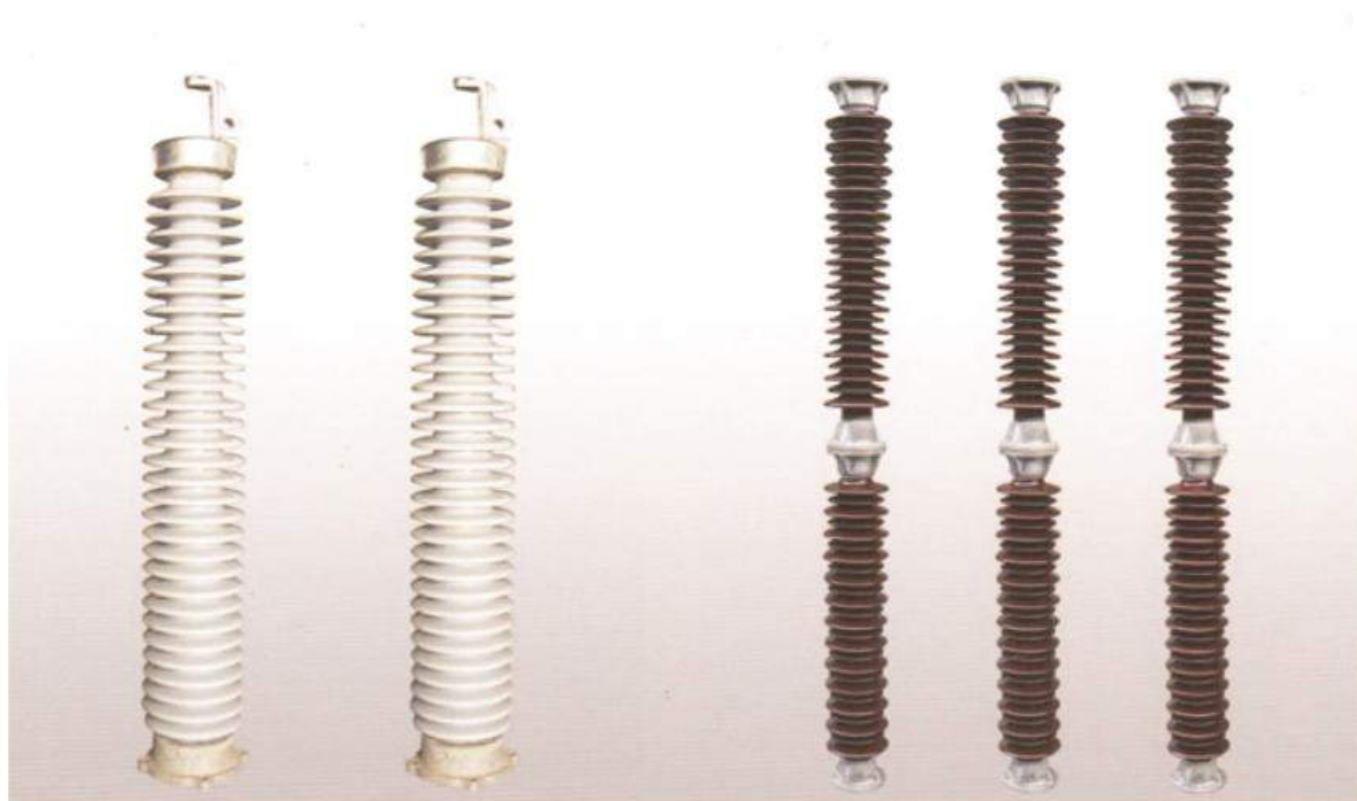


GB 系列棒形支柱瓷绝缘子

126kV棒形支柱瓷绝缘子

126kv SOLID-CORE POST PORCELAIN INSULATOR

产品型号 Product type.	工厂代号 Factory No.	额定电压 Rated voltage	图号 Fig No.	主要尺寸mm Main dimension mm							机械破坏负荷不小于 Mechanical failing load not less than		重量 Weight kg
				H	D	a ₁	d ₁	a ₂	d ₂	爬电距离 Creepage distance	弯曲kN Cantilevr	扭转kN.m Torsion	
ZCW-220/N4	3148	252	21	2300	230	180	4 × Φ 13	180	4 × Φ 13	5500	—	4	110
ZCW-252/N2	3149	252	19	2400	260	127	4 × M16	127	4 × M16	7812	—	2	132
ZCW-252/N2	3150	252	19	2400	245	127	4 × M16	127	4 × M16	6300	—	2	115
ZCW-252/N4	3151	252	19	2400	250	127	4 × M16	127	4 × M16	7812	—	4	130
ZCW-252-N1.5	3152	252	21	2300	230	180	4 × Φ 13	180	4 × Φ 13	6300	—	1.5	160
ZCW-252/N4	3153	252	21	2300	250	180	4 × Φ 13	180	4 × Φ 13	7812	—	4	160
ZCW-252/N4	3154	252	21	2400	245	210	4 × Φ 18	210	4 × Φ 18	6300	—	4	160



IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

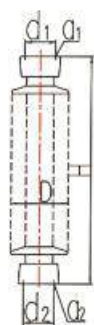


图14

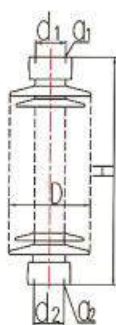


图15

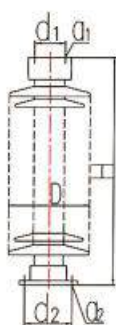


图16

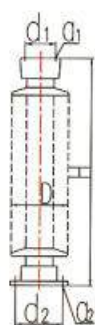


图17

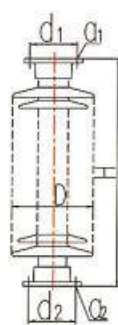


图18

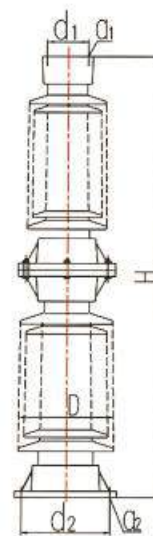


图19

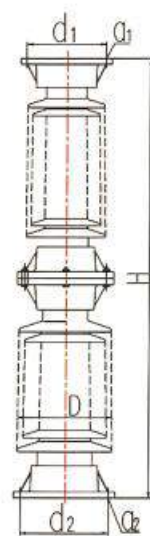


图20



IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 95~125kV

产品型号 Product type.	C4-95II	C6-95II	C8-95II	C4-125III	C6-125III	C8-125III	C10-125III
产品代号 Cat.No.	6001	6002	6003	6004	6005	6006	6007
图 号 Fig.No.	14	14	14	14	14	14	14
公称爬电距离 mm Creepage distance	380	380	394	660	660	500	500
破坏负荷 弯曲kN Cantievr	4	6	8	4	6	8	10
Falling load 扭转kN.m Torsion	0.8	0.8	1.2	0.8	0.8	1.2	1.2
主 要 尺 寸 Main dimension	H	255	255	255	305	305	305
	ΦD	142	142	158	160	160	160
	a ₁	4-M12	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₁	76	76	76	76	76	76
	a ₂	4-M12	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₂	76	76	76	76	76	76
雷电冲击耐受电压(kV) lightning impulse withstand voltage	95	95	95	125	125	125	125
工频湿耐受电压(kV) low frequency withstand voltage Wet	38	38	38	50	50	50	50
重量kg Weight	6.4	6.4	6.8	8.3	8.6	8.1	8.5

Type BIL 95~150kV

产品型号 Product type.	C4-95II	C4-150II	C6-150II	C8-150II	C10-150II
产品代号 Cat.No.	6008	6009	6010	6011	6012
图 号 Fig.No.	14	14	14	14	14
公称爬电距离 mm Creepage distance	660	810	660	660	660
破坏负荷 弯曲kN Cantievr	4	4	6	8	10
Falling load 扭转kN.m Torsion	1	1	1.2	1.5	1.8
主 要 尺 寸 Main dimension	H	355	355	355	355
	ΦD	160	160	160	195
	a ₁	4-M12	4-M12	4-M12	4-M12
	Φd ₁	76	76	76	76
	a ₂	4-M12	4-M12	4-M12	4-M12
	Φd ₂	76	76	76	76
雷电冲击耐受电压(kV) lightning impulse withstand voltage	150	150	150	150	150
工频湿耐受电压(kV) low frequency withstand voltage Wet	50	50	50	50	50
重量kg Weight	9.5	9.8	10.0	10.5	11.8

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 170kV

产品型号 Product type.	C4-170II	C4-170IV	C6-170II	C6-170IV	C86-170III	C10-170III
产品代号 Cat.No.	6013	6014	6015	6016	6017	6018
图 号 Fig.No.	14	15	14	15	15	14
公称爬电距离 mm Creepage distance	900	1250	900	1250	1080	1010
破坏负荷 弯曲kN Cantievr	4	4	5	6	8	10
Falling load 扭转kN.m Torsion	1.2	1.2	1.5	1.5	2	2.5
主 要 尺 寸 Main dimension	H	445	445	445	445	445
	ΦD	140	201	168	205	171
	a ₁	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₁	76	76	76	76	76
	a ₂	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₂	76	76	76	76	76
雷电冲击耐受电压(kV) lightning impulse withstand voltage	170	170	170	170	170	170
工频湿耐受电压(kV) low frequency withstand voltage Wet	70	70	70	70	70	70
重量kg Weight	11.0	14.6	11.5	15.1	15.6	20.0

Type BIL 200kV

产品型号 Product type.	C4-200II	C6-200II	C6-200IV	C8-200II	C8-200IV	C10-200II
产品代号 Cat.No.	6019	6020	6021	6022	6023	6024
图 号 Fig.No.	14	14	15	14	15	14
公称爬电距离 mm Creepage distance	950	950	1320	950	1320	950
破坏负荷 弯曲kN Cantievr	4	6	6	8	8	10
Falling load 扭转kN.m Torsion	1.2	1.8	1.8	2	2	2.5
主 要 尺 寸 Main dimension	H	475	475	475	475	475
	ΦD	154	154	212	160	215
	a ₁	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₁	76	76	76	76	76
	a ₂	4-M12	4-M12	4-M12	4-M12	4-M12
	Φd ₂	76	76	76	76	76
雷电冲击耐受电压(kV) lightning impulse withstand voltage	200	200	200	200	200	200
工频湿耐受电压(kV) low frequency withstand voltage Wet	70	70	70	70	70	70
重量kg Weight	14.5	14.5	19.3	15.1	19.5	15.5

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 250kV

产品型号 Product type.	C4-250III	C4-250III	C6-250II	C6-250III	C6-250III	C8-250III	C8-250III	C10-250III	C10-250III
产品代号 Cat.No.	6025	6026	6027	6028	6029	6030	6031	6032	6033
图 号 Fig.No.	15	15	14	15	15	15	15	15	15
公称爬电距离 mm Creepage distance	1300	1325	1200	1300	1320	1320	1320	1300	1300
破坏负荷 弯曲kN Cantievr	4	4	6	6	6	8	8	10	12.5
Falling load 扭转kN.m Torsion	1.8	1.8	2	2	2	2.5	2.5	3	4
主 要 尺 寸 Main dimension	H	560	560	560	560	560	560	560	560
	ΦD	184	180	176	180	180	195	195	200
	a ₁	4-M12	4-M12	4-M12	4-M16	4-M16	4-M12	4-M16	4-M16
	Φd ₁	76	127	76	127	127	76	127	127
	a ₂	4-M12	4-M16	4-M12	4-M16	4-M16	4-M12	4-M16	4-M16
	Φd ₂	76	127	76	127	127	76	127	127
雷电冲击耐受电压(kV) lightning impulse withstand voltage	250	250	250	250	250	250	250	250	250
工频湿耐受电压(kV) low frequency withstand voltage Wet	95	95	95	95	95	95	95	95	95
重量kg Weight	19.0	18.5	18.0	18.5	18.7	22.8	22.8	25.6	25.6

Type BIL 325kV

产品型号 Product type.	C4-325III	C4-325III	C4-325III	C6-325III	C6-325III	C8-325IV	C8-325III	C8-325IV	C10-325II
产品代号 Cat.No.	6034	6035	6036	6037	6038	6039	6040	6041	6042
图 号 Fig.No.	14	15	15	14	15	15	14	15	14
公称爬电距离 mm Creepage distance	1600	1823	2400	1600	1823	2250	1823	2250	1823
破坏负荷 弯曲kN Cantievr	4	4	4	6	6	6	8	8	10
Falling load 扭转kN.m Torsion	2	2	2	2.5	2.5	2.5	3	3	4
主 要 尺 寸 Main dimension	H	770	770	770	770	770	770	770	770
	ΦD	190	190	209	190	190	208	204	210
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127	127
	a ₂	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₂	127	127	127	127	127	127	127	127
雷电冲击耐受电压(kV) lightning impulse withstand voltage	325	325	325	325	325	325	325	325	325
工频湿耐受电压(kV) low frequency withstand voltage Wet	140	140	140	140	140	140	140	140	140
重量kg Weight	32.0	28.0	31.8	32.0	28.0	30.5	37.8	34.0	39.0

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 450kV

产品型号 Product type.	C4-450III	C6-450I	C6-450II	C6-450II	C6-450II	C6-450III	C6-450III	C8-450III
产品代号 Cat.No.	6074	6075	6076	6077	6078	6079	6080	6081
图 号 Fig.No.	14	14	16	15	15	16	16	16
公称爬电距离 mm Creepage distance	3150	1850	2520	2500	3150	3150	2520	3150
破坏负荷 弯曲kN Cantievr	4	6	6	6	6	6	8	8
Falling load 扭转kN.m Torsion	2.5	3.5	3.5	3.5	3.5	3.5	4	4
主 要 尺 寸 Main dimension	H	1020	1020	1020	1020	1020	1020	1020
	ΦD	235	178	210	210	235	235	210
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127
	a ₂	4-M16	4-M16	4-Φ18	4-M16	4-M16	4-Φ18	4-Φ18
	Φd ₂	127	127	200	127	127	178	200
雷电冲击耐受电压(kV) lightning impulse withstand voltage	450	450	450	450	450	450	450	450
工频湿耐受电压(kV) low frequency withstand voltage Wet	185	185	185	185	185	185	185	185
重量kg Weight	55.0	41.5	52.0	51.0	55.0	57.0	52.0	58.0

Type BIL 550kV

产品型号 Product type.	C4-550II	C4-550III	C4-550IV	C4-550IV	C6-550II	C6-550II	C6-550II	C6-550III	C6-550III
产品代号 Cat.No.	6082	6083	6084	6085	6086	6087	6088	6089	6090
图 号 Fig.No.	17	15	15	15	15	14	17	16	15
公称爬电距离 mm Creepage distance	2600	3150	3906	4500	4520	2600	2600	3150	3150
破坏负荷 弯曲kN Cantievr	4	4	4	4	6	6	6	6	6
Falling load 扭转kN.m Torsion	3	3	3	3	4	4	4	4	4
主 要 尺 寸 Main dimension	H	1220	1220	1220	1220	1220	1220	1220	1220
	ΦD	192	218	225	266	202	192	192	225
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127	127
	a ₂	4-Φ18	4-M16	4-M16	4-M16	4-M16	4-M16	4-Φ18	4-M16
	Φd ₂	200	127	127	127	127	127	200	200
雷电冲击耐受电压(kV) lightning impulse withstand voltage	550	550	550	550	550	550	550	550	550
工频湿耐受电压(kV) low frequency withstand voltage Wet	230	230	230	230	230	230	230	230	230
重量kg Weight	54.0	59.0	65.0	80.0	52.0	53.0	54.0	64.0	63.0

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 550kV

产品型号 Product type.	C6-550III	C6-550IV	C6-550IV	C6-550IV	C8-550II	C8-550II	C8-550III	C8-550III	C8-550III
产品代号 Cat.No.	6091	6092	6093	6094	6095	6096	6097	6098	6099
图 号 Fig.No.	16	15	16	15	17	14	15	15	16
公称爬电距离 mm Creepage distance	3150	3906	3906	4350	2600	2600	3150	3350	3150
破坏负荷 弯曲kN Cantievr	6	6	6	6	8	8	8	8	8
Falling load 扭转kN.m Torsion	4	4	4	4	4	4	4	4	4
主 要 尺 寸 Main dimension	H	1220	1220	1220	1220	1220	1220	1220	1220
	ΦD	215	240	245	266	192	192	225	215
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127	127
	a ₂	4-Φ18	4-M16	4-Φ18	4-M16	4-Φ18	4-M16	4-M16	4-Φ18
	Φd ₂	200	127	200	127	200	127	127	200
雷电冲击耐受电压(kV) lightning impulse withstand voltage	550	550	550	550	550	550	550	550	550
工频湿耐受电压(kV) low frequency withstand voltage Wet	230	230	230	230	230	230	230	230	230
重量kg Weight	59.5	72.0	75.5	80.0	54.0	53.0	63.0	60.0	63.5

Type BIL 550kV

产品型号 Product type.	C6-550IV	C10-550II	C10-550III	C10-550III	C10-550III	C12.5-550III	C12.5-550IV	C16-550III	C16-550IV
产品代号 Cat.No.	6100	6101	6102	6103	6104	6105	6106	6107	6108
图 号 Fig.No.	16	17	15	15	16	16	16	16	16
公称爬电距离 mm Creepage distance	3906	2520	3075	3350	3350	3150	3906	3150	3906
破坏负荷 弯曲kN Cantievr	8	10	10	10	10	12.5	12.5	16	16
Falling load 扭转kN.m Torsion	4	4	4	4	4	6	6	6	6
主 要 尺 寸 Main dimension	H	1220	1220	1220	1220	1220	1220	1220	1220
	ΦD	240	227	230	240	240	245	255	241
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127	127
	a ₂	4-Φ18	4-Φ18	4-M16	4-M16	4-M16	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	200	225	127	127	225	254	254	254
雷电冲击耐受电压(kV) lightning impulse withstand voltage	550	550	550	550	550	550	550	550	550
工频湿耐受电压(kV) low frequency withstand voltage Wet	230	230	230	230	230	230	230	230	230
重量kg Weight	72.0	64.0	74.0	68.0	70.0	73.0	92.0	82.0	110.0

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 650kV

产品型号 Product type.	C4-650II	C4-650II	C4-650III	C4-650IV	C6-650II	C6-650III	C6-650III	C6-650III
产品代号 Cat.No.	6043	6044	6045	6046	6047	6048	6049	6050
图 号 Fig.No.	16	15	16	15	16	15	15	16
公称爬电距离 mm Creepage distance	3100	3100	3812	3568	3100	3812	3625	3625
破坏负荷 弯曲kN Cantievr	4	4	4	4	6	6	6	6
Falling load 扭转kN.m Torsion	3	3	3	3	3	3	5	9.5
主 要 尺 寸 Main dimension	H	1500	1500	1500	1500	1500	1500	1500
	ΦD	197	197	225	233	197	225	220
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127
	a ₂	4-Φ18	4-M16	4-Φ18	4-M16	4-Φ18	4-M16	4-Φ18
	Φd ₂	200	127	200	127	200	127	200
雷电冲击耐受电压(kV) lightning impulse withstand voltage	650	650	650	650	650	650	650	650
工频湿耐受电压(kV) low frequency withstand voltage Wet	275	275	275	275	275	275	275	275
重量kg Weight	67.0	66.0	79.0	88.0	68.0	79.0	73.2	81.0

Type BIL 650kV

产品型号 Product type.	C6-650III	C6-650IV	C6-650IV	C6-650IV	C6-650IV	C6-650IV	C6-650IV	C8-650II
产品代号 Cat.No.	6051	6052	6053	6054	6055	6056	6057	6058
图 号 Fig.No.	16	15	16	15	16	18	16	15
公称爬电距离 mm Creepage distance	3812	4495	4495	4495	4495	4495	4495	2900
破坏负荷 弯曲kN Cantievr	6	6	6	6	6	6	6	8
Falling load 扭转kN.m Torsion	3	5	5	3	3	3	3	4
主 要 尺 寸 Main dimension	H	1500	1500	1500	1500	1500	1500	1500
	ΦD	225	235	235	233	233	233	200
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-Φ18	4-M16
	Φd ₁	127	127	127	127	127	225	127
	a ₂	4-Φ18	4-M16	4-Φ18	4-M16	4-Φ18	4-Φ18	4-M16
	Φd ₂	200	200	200	200	225	225	127
雷电冲击耐受电压(kV) lightning impulse withstand voltage	650	650	650	650	650	650	650	650
工频湿耐受电压(kV) low frequency withstand voltage Wet	275	275	275	275	275	275	275	275
重量kg Weight	79.0	83.0	84.0	88.0	90.0	93.0	90.0	68.0

IEC C系列棒形支柱瓷绝缘子

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Type BIL 650kV

产品型号 Product type.	C8-650III	C8-650III	C8-650III	C8-650IV	C8-650IV	C8-650IV	C10-650IV	C10-650III
产品代号 Cat.No.	6059	6060	6061	6062	6063	6064	6065	6066
图 号 Fig.No.	16	15	16	15	15	16	16	15
公称爬电距离 mm Creepage distance	3625	3625	3625	4495	4495	4495	4250	3625
破坏负荷 弯曲kN Cantievr	8	8	8	8	8	8	10	10
Falling load 扭转kN.m Torsion	4	5	4	4	4	4	4	4
主 要 尺 寸 Main dimension	H	1500	1500	1500	1500	1500	1500	1500
	ΦD	225	225	225	240	245	245	225
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127	127
	a ₂	4-Φ18	4-M16	4-Φ18	4-M16	4-M16	8-Φ18	4-M16
	Φd ₂	200	127	225	127	127	254	127
雷电冲击耐受电压(kV) lightning impulse withstand voltage	650	650	650	650	650	650	650	650
工频湿耐受电压(kV) low frequency withstand voltage Wet	275	275	275	275	275	275	275	275
重量kg Weight	80.0	76.0	78.5	96.0	85.0	87.0	102.0	77.0

Type BIL 650kV

产品型号 Product type.	C10-650III	C10-650IV	C10-650IV	C12.5-650III	C16-650III	C16-650IV	C20-650IV
产品代号 Cat.No.	6067	6068	6069	6070	6071	6072	6073
图 号 Fig.No.	16	16	15	16	18	16	16
公称爬电距离 mm Creepage distance	3625	4495	4495	4250	3625	4495	4495
破坏负荷 弯曲kN Cantievr	10	10	10	12.5	16	16	20
Falling load 扭转kN.m Torsion	4	4	4	6	6	6	6
主 要 尺 寸 Main dimension	H	1500	1500	1500	1500	1500	1500
	ΦD	225	250	250	251	258	267
	a ₁	4-M16	4-M16	4-M16	4-M16	4-Φ18	4-M16
	Φd ₁	127	127	127	127	225	127
	a ₂	8-Φ18	8-Φ18	4-M16	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	254	254	127	254	275	275
雷电冲击耐受电压(kV) lightning impulse withstand voltage	650	650	650	650	650	650	650
工频湿耐受电压(kV) low frequency withstand voltage Wet	275	275	275	275	275	275	275
重量kg Weight	83.0	101.0	101.0	112.0	109.0	121.0	134.0

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Type BIL 750kV

产品型号 Product type.	C4-750III	C4-750III	C4-750IV	C4-750IV	C6-750III	C6-750III	C6-750IV
产品代号 Cat.No.	6109	6110	6111	6112	6113	6114	6115
图 号 Fig.No.	16	15	16	16	16	15	16
公称爬电距离 mm Creepage distance	4250	4250	5270	5270	4250	4250	5300
破坏负荷 弯曲kN Cantievr	4	4	4	4	6	6	6
Falling load 扭转kN.m Torsion	3	3	3	3	3	3	3
主 要 尺 寸 Main dimension	H	1700	1700	1700	1700	1700	1700
	ΦD	208	208	234	234	208	234
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127
	a ₂	4-Φ18	4-M16	4-Φ18	4-Φ18	4-M16	4-Φ18
	Φd ₂	200	127	225	200	225	225
雷电冲击耐受电压(kV) lightning impulse withstand voltage	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	325	325	325	325	325	325	325
重量kg Weight	89.0	88.0	105.0	104.0	91.0	90.0	105.0

Type BIL 750kV

产品型号 Product type.	C6-750IV	C6-750IV	C8-750III	C8-750III	C8-750IV	C10-750III	C10-750III
产品代号 Cat.No.	6116	6117	6118	6119	6120	6121	6122
图 号 Fig.No.	15	15	15	16	16	16	18
公称爬电距离 mm Creepage distance	5300	6000	4250	4250	5300	4250	4250
破坏负荷 弯曲kN Cantievr	6	6	8	8	8	10	10
Falling load 扭转kN.m Torsion	3	3	4	4	4	4	4
主 要 尺 寸 Main dimension	H	1700	1700	1700	1700	1700	1700
	ΦD	234	245	220	220	242	232
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-Φ18
	Φd ₁	127	127	127	127	127	225
	a ₂	4-M16	4-M16	4-M16	4-Φ18	4-Φ18	8-Φ18
	Φd ₂	127	127	127	225	225	254
雷电冲击耐受电压(kV) lightning impulse withstand voltage	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	325	325	325	325	325	325	325
重量kg Weight	103.0	108.0	100.0	103.0	117.0	105.0	108.0

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 750kV

产品型号 Product type.	C10-750IV	C10-750IV	C10-750IV	C12.5-750IV	C16-750IV
产品代号 Cat.No.	6123	6124	6125	6126	6127
图 号 Fig.No.	16	16	18	16	16
公称爬电距离 mm Creepage distance	5300	5300	5300	5300	5300
破坏负荷 弯曲kN Cantievr	10	10	10	12.5	16
Falling load 扭转kN.m Torsion	4	4	4	6	6
主 要 尺 寸 Main dimension	H	1700	1700	1700	1700
	ΦD	254	258	258	278
	a ₁	4-M16	4-M16	8-Φ18	4-M16
	Φd ₁	127	127	225	127
	a ₂	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	254	254	254	275
雷电冲击耐受电压(kV) lightning impulse withstand voltage	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	325	325	325	325	325
重量kg Weight	129.0	119.0	122.0	141.0	150.0

Type BIL 950~1050kV

产品型号 Product type.	C6-950IV	C6-950III	C8-950III	C12.5-950III	C4-1050II	C4-1050II	C4-1050III
产品代号 Cat.No.	6128	6129	6130	6131	6132	6133	6134
图 号 Fig.No.	19	19	19	19	19	19	19
公称爬电距离 mm Creepage distance	4900	6300	6300	6300	4900	4900	6300
破坏负荷 弯曲kN Cantievr	4	6	8	12.5	4	4	4
Falling load 扭转kN.m Torsion	3	3	4	6	3	3	3
主 要 尺 寸 Main dimension	H	2100	2100	2100	2300	2300	2300
	ΦD	222	255	255	266	222	200
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127
	a ₂	4-Φ18	4-Φ18	8-Φ18	8-Φ18	4-Φ18	4-Φ18
	Φd ₂	225	225	254	275	200	200
雷电冲击耐受电压(kV) lightning impulse withstand voltage	950	950	950	950	1050	1050	1050
操作冲击湿耐受电压 (kV)	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	395	395	395	395	460	460	460
重量kg Weight	122.0	145.0	148.0	173.0	123.0	111.0	133.0

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Type BIL 1050kV

产品型号 Product type.	C4-1050III	C4-1050IV	C6-1050II	C6-1050II	C6-1050II	C6-1050III	C6-1050III
产品代号 Cat.No.	6135	6136	6137	6138	6139	6140	6142
图 号 Fig.No.	19	19	19	19	19	19	19
公称爬电距离 mm Creepage distance	6300	7812	4900	4900	4900	4900	4900
破坏负荷 弯曲kN Cantievr	4	4	6	6	6	6	6
Falling load 扭转kN.m Torsion	3	3	3	3	3	3	4
主要尺寸 Main dimension	H	2300	2300	2300	2300	2300	2300
	ΦD	230	244	222	255	215	245
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127
	a ₂	4-Φ18	4-Φ18	4-Φ18	4-Φ18	4-Φ18	4-Φ18
	Φd ₂	200	200	200	255	225	225
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1050	1050	1050	1050	1050	1050	1050
操作冲击湿耐受电压 (kV)	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	460	460	460	460	460	460	460
重量kg Weight	127.0	149.0	123.0	124.0	117.0	155.0	132.5

Type BIL 1050kV

产品型号 Product type.	C6-1050IV	C8-1050II	C8-1050III	C8-1050III	C8-1050IV	C10-1050III	C10-1050III
产品代号 Cat.No.	6143	6144	6145	6146	6147	6148	6149
图 号 Fig.No.	19	19	19	19	19	20	19
公称爬电距离 mm Creepage distance	7812	4900	6300	6300	7812	6300	6300
破坏负荷 弯曲kN Cantievr	6	8	8	8	8	10	10
Falling load 扭转kN.m Torsion	3	4	4	4	4	4	4
主要尺寸 Main dimension	H	2300	2300	2300	2300	2300	2300
	ΦD	262	225	245	267	264	262
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	225
	a ₂	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	225	254	254	254	254	275
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1050	1050	1050	1050	1050	1050	1050
操作冲击湿耐受电压 (kV)	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	460	460	460	460	460	460	460
重量kg Weight	170.0	126.0	159.0	165.0	176.0	178.0	175.0

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Type BIL 1050kV

产品型号 Product type.	C10-1050III	C10-1050IV	C10-1050IV	C12.5-1050III	C12.5-1050III	C16-1050III	C16-1050IV
产品代号 Cat.No.	6150	6151	6152	6153	6154	6155	6156
图 号 Fig.No.	20	19	20	19	20	20	20
公称爬电距离 mm Creepage distance	6300	7812	7812	6300	6300	6300	7812
破坏负荷 弯曲kN Cantievr	10	10	10	12.5	12.5	16	16
Falling load 扭转kN.m Torsion	4	4	4	6	6	6	6
主 要 尺 寸 Main dimension	H	2300	2300	2300	2300	2300	2300
	ΦD	262	270	270	263	263	305
	a ₁	4-Φ18	4-M16	4-Φ18	4-M16	4-Φ18	8-Φ18
	Φd ₁	225	127	225	127	225	254
	a ₂	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	254	275	275	275	300	300
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1050	1050	1050	1050	1050	1050	1050
操作冲击湿耐受电压 (kV)	750	750	750	750	750	750	750
工频湿耐受电压(kV) low frequency withstand voltage Wet	460	460	460	460	460	460	460
重量kg Weight	176.0	193.0	195.0	202.0	204.0	220.0	232.0

Type BIL 1175~1300kV

产品型号 Product type.	C6-1175III	C6-1175III	C8-1175III	C10-1175III	C6-1300II	C6-1300III	C6-1300IV
产品代号 Cat.No.	6157	6158	6159	6160	6161	6162	6163
图 号 Fig.No.	19	20	20	19	19	19	19
公称爬电距离 mm Creepage distance	7595	7595	7812	7500	7300	9050	11222
破坏负荷 弯曲kN Cantievr	6	6	8	10	6	6	6
Falling load 扭转kN.m Torsion	3	3	4	4	3	3	3
主 要 尺 寸 Main dimension	H	2650	2650	2650	2900	2900	2900
	ΦD	245	245	262	263	237	289
	a ₁	4-M16	4-Φ18	4-Φ18	4-M16	4-M16	4-M16
	Φd ₁	127	225	225	127	127	127
	a ₂	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	254	254	275	275	275	275
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1175	1175	1175	1175	1300	1300	1300
工频湿耐受电压(kV) low frequency withstand voltage Wet	850	850	850	850	950	950	950
重量kg Weight	181.0	182.0	207.0	218.0	189.0	214.0	245.0

IEC C系列棒形支柱瓷绝缘子

IECC series solid core post porcelain insulators

Type BIL 1300~1425kV

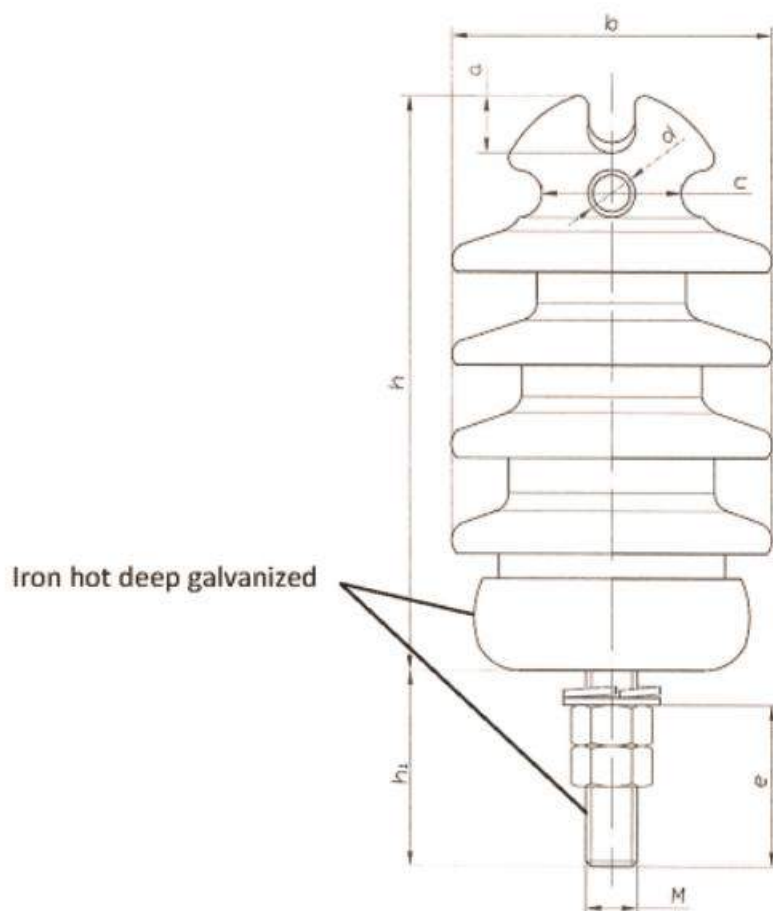
产品型号 Product type.	C8-1300IV	C10-1300II	C10-1300III	C10-1300IV	C6-1425III	C8-1425III	C10-1425II
产品代号 Cat.No.	6164	6165	6166	6167	6168	6169	6170
图 号 Fig.No.	19	19	19	19	19	19	19
公称爬电距离 mm Creepage distance	11222	7300	9050	11222	10500	10500	9050
破坏负荷 弯曲kN Cantievr	8	10	10	10	6	8	10
Falling load 扭转kN.m Torsion	4	4	10	10	3	4	4
主 要 尺 寸 Main dimension	H	2900	2900	2900	3150	3150	3150
	ΦD	292	260	260	298	267	267
	a ₁	4-M16	4-M16	4-M16	4-M16	4-M16	4-M16
	Φd ₁	127	127	127	127	127	127
	a ₂	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	275	275	275	275	254	300
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1300	1300	1300	1300	1425	1425	1425
工频湿耐受电压(kV) low frequency withstand voltage Wet	950	950	950	950	950	950	950
重量kg Weight	270.5	212.0	241.0	284.0	260.0	285.0	266.0

Type BIL 1550kV

产品型号 Product type.	C6-1550III	C6-1550IV	C6-1550IV	C6-1550IV	C8-1550III	C8-1550IV	C8-1550IV	C10-1550III	C10-1550III	C10-1550IV
产品代号 Cat.No.	6171	6172	6173	6174	6175	6176	6177	6178	6179	6180
图 号 Fig.No.	19	20	20	20	19	19	19	19	20	19
公称爬电距离 mm Creepage distance	10500	13020	13020	13020	10500	13020	13750	11000	10500	13020
破坏负荷 弯曲kN Cantievr	6	6	6	6	8	8	8	10	10	10
Falling load 扭转kN.m Torsion	3	3	3	3	4	4	4	4	4	4
主 要 尺 寸 Main dimension	H	2350	3350	3350	3350	3350	3350	3350	3350	3350
	ΦD	265	287	287	287	267	292	300	267	305
	a ₁	4-M16	4-Φ18	4-M16	4-M16	4-M16	4-M16	4-M16	4-Φ18	4-M16
	Φd ₁	127	225	127	127	127	127	127	225	127
	a ₂	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ18
	Φd ₂	254	254	275	254	275	275	275	300	300
雷电冲击耐受电压(kV) lightning impulse withstand voltage	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550
工频湿耐受电压(kV) low frequency withstand voltage Wet	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
重量kg Weight	263.0	296.0	294.0	294.0	274.0	312.0	327.0	298.0	299.0	329.0



INK 20

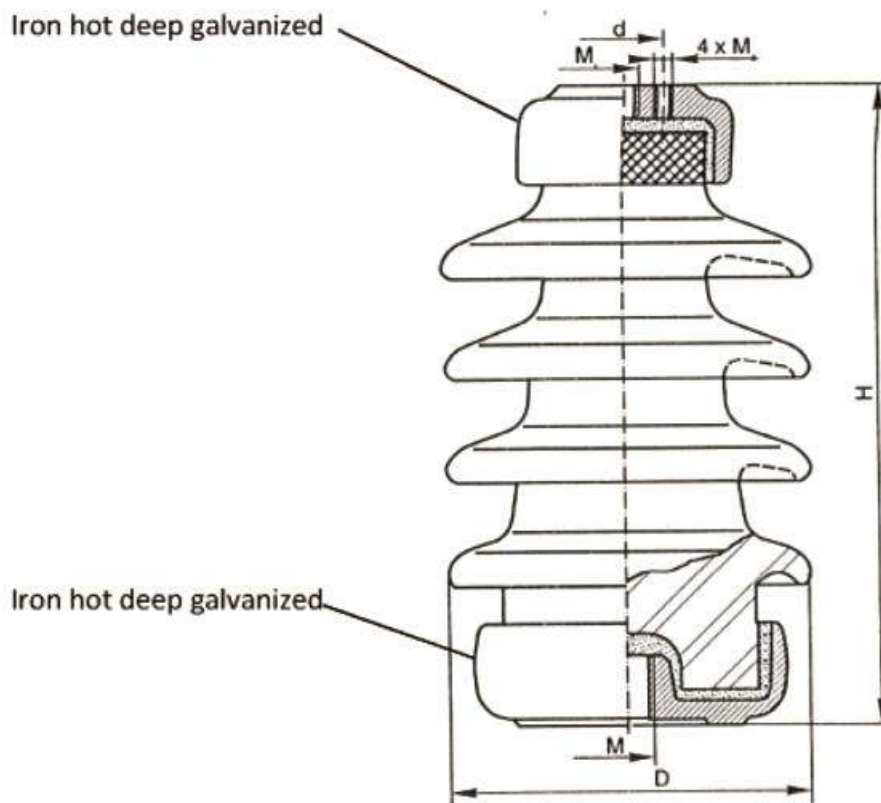


Type	Dimensions in mm							
	H	b	h ₁	a	c	d	e	M
INK 20	305	170	108	51	75	21	77	24

		INK 20
Rated voltage:	KV	20
Max. working voltage	KV	24
One minute test voltage at variable frequency: dry	KV	75
One minute test voltage at variable frequency: under rain	KV	55
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	125
Minimum bending force at break	KN	11

Color of glaze: brown

IPPO 20



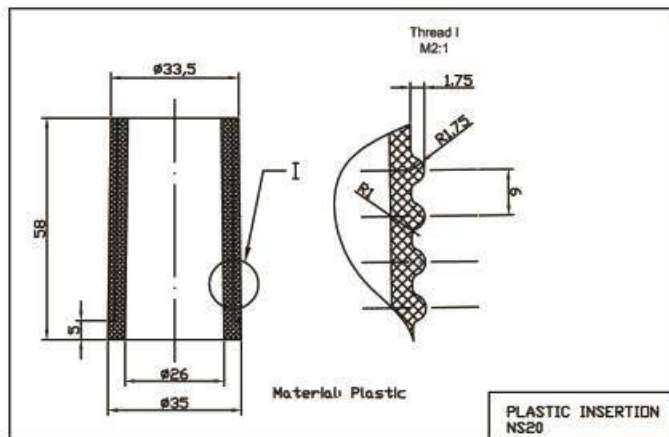
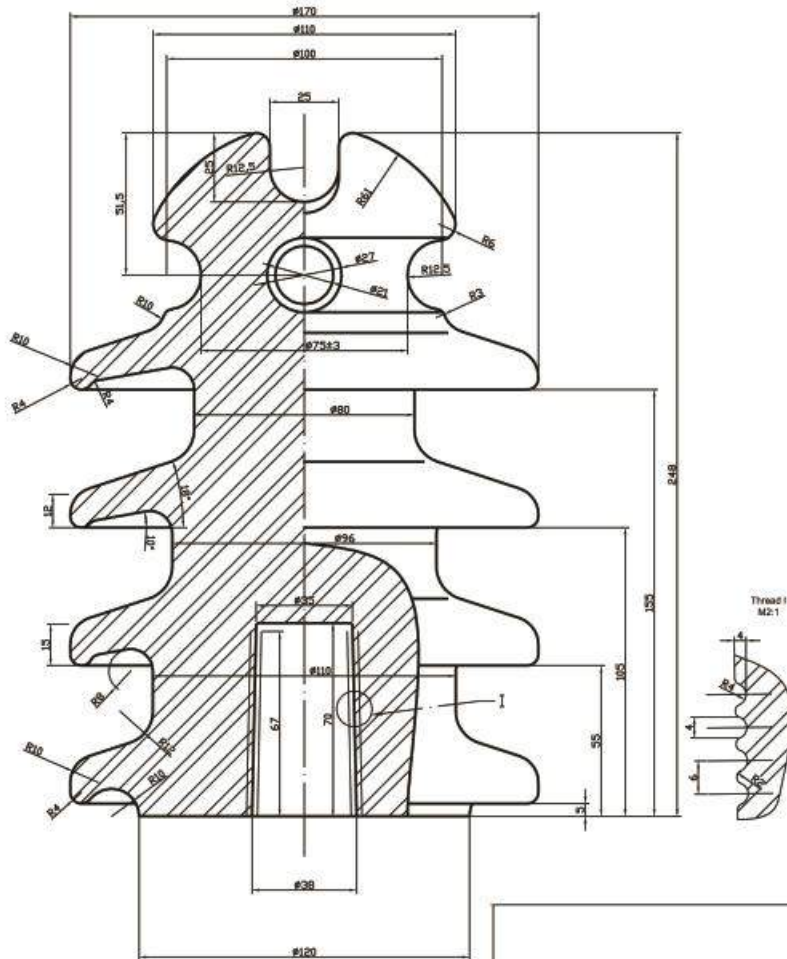
Type	Dimensions in mm					
	H	D	d	M	M ₁	M ₂
IPPO 20	305	174	36	24	10	8

		IPPO 20
Rated voltage:	KV	20
Max. working voltage	KV	24
Oneminate test voltage at variable frequency: dry	KV	75
Oneminate test voltage at variable frequency: under rain	KV	55
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	125
Minimum bending force at break	KN	6
Twisting torque at break	Nm	800
Leakage distance	mm	400

Color of glaze: brown

NS20

Material - porcelain type C-110 according IEC 672
Colour of the glaze - brown



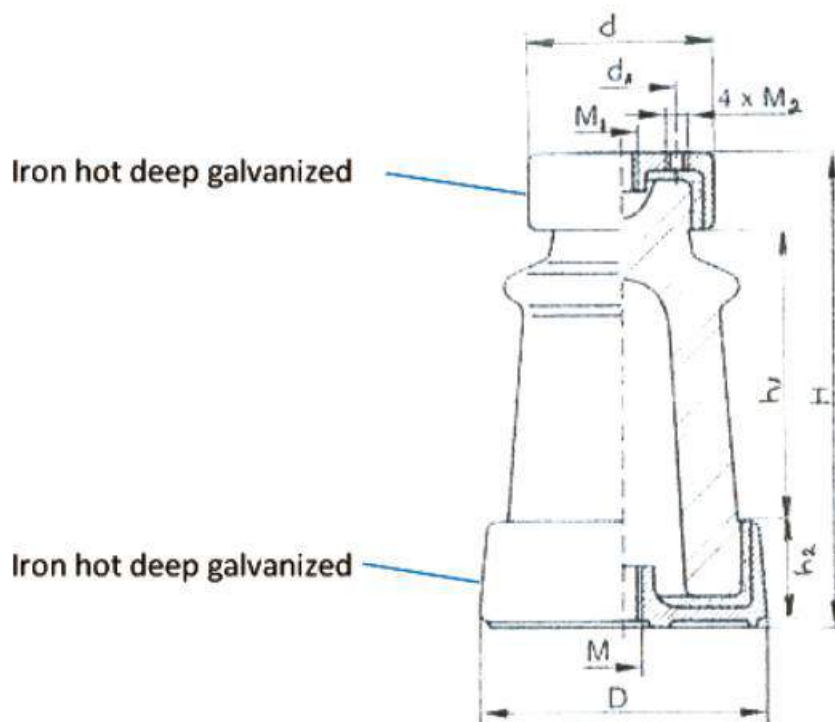
NS20			
	Parameters	Units	Value
1	Rated voltage	kV	20
2	Max. working voltage	kV	24
3	One minute test voltage at variable frequency, dry conditions	kV	55
4	Impulse test voltage with a complete standard wave $\pm 1.5/50\mu s$	kV	125
5	Discharge voltage, under rain	kV	70
6	Discharge voltage, dry	kV	90
7	Minimum bending force at break	kN	10
8	Porosity at 1800 atm.h		without penetration
9	Resistance to sudden temperature changes	°C	3 cycles x 70°C
10	Leaking distance	mm	410



≥450mm



PAK-10

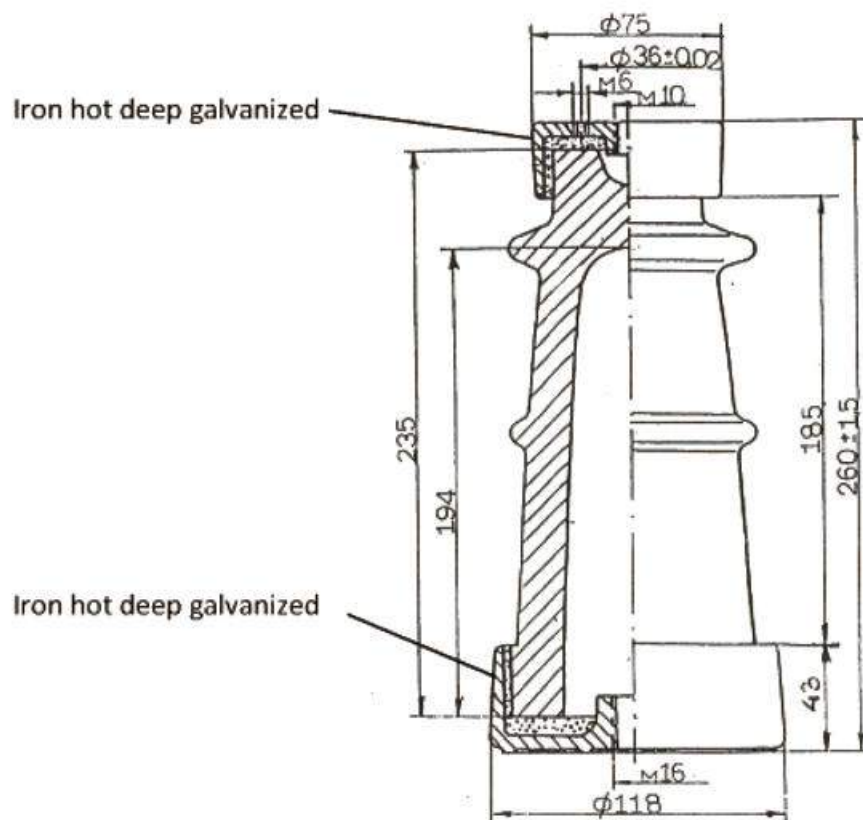


Type	Dimensions in mm								
	H	D	d	d ₁	M	h ₁	M ₁	M ₂	h ₂
ПАК-10	190	108	64	36	16	127	10	6	36

		ПАК10
Rated voltage:	KV	10
Max.working voltage	KV	12
Breakdown voltage	KV	75
One minute test voltage at variable frequency:dry	KV	47
One minute test voltage at variable frequency:under rain	KV	34
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	75
Minimum bending force at break	KN	4

Color of glaze:white

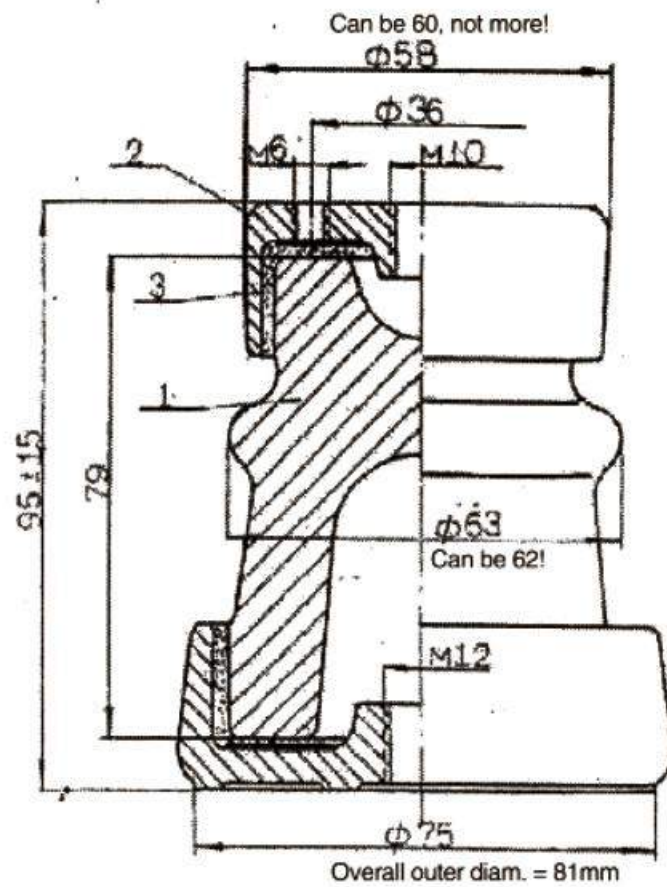
PAK-20



Type	Dimensions in mm								
	H	D	d	d ₁	M	h ₁	M ₁	M ₂	h ₂
ПАК-20	260	118	75	36	16	185	10	6	36

		ПАК20
Rated voltage:	KV	20
Max. working voltage	KV	24
Breakdown voltage	KV	120
One minute test voltage at variable frequency: dry	KV	75
One minute test voltage at variable frequency: under rain	KV	55
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	120
Minimum bending force at break	KN	4

Color of glaze: white

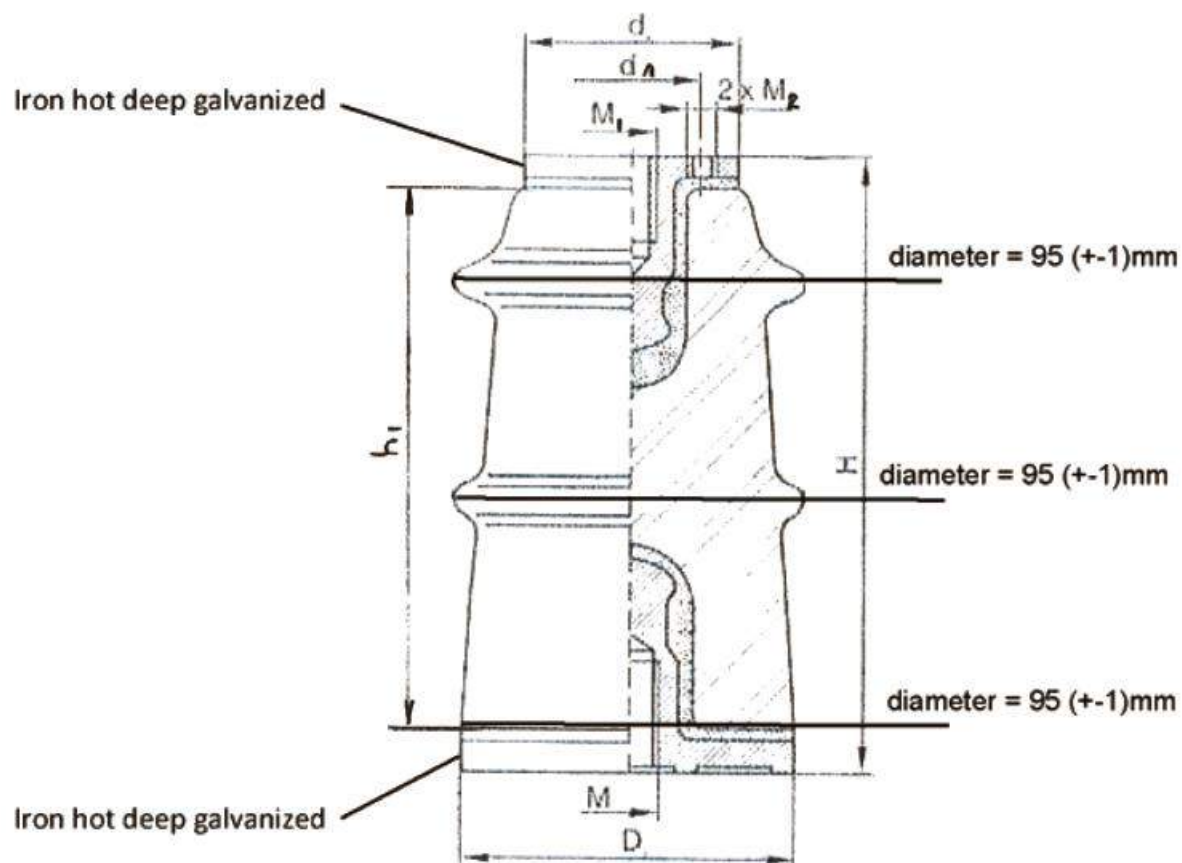


Type	Dimensions in mm							
	H	D	d	d ₁	M	h	M ₁	M ₂
PAK-1	95	75	58	36	12	79	10	6

		PAK-1
Rated voltage:	KV	10
Max. working voltage	KV	12
Breakdown voltage	KV	75
One minute test voltage at variable frequency: dry	KV	47
One minute test voltage at variable frequency: under rain	KV	34
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	75
Minimum bending force at break	KN	4

Color of glaze: white

PAM-20

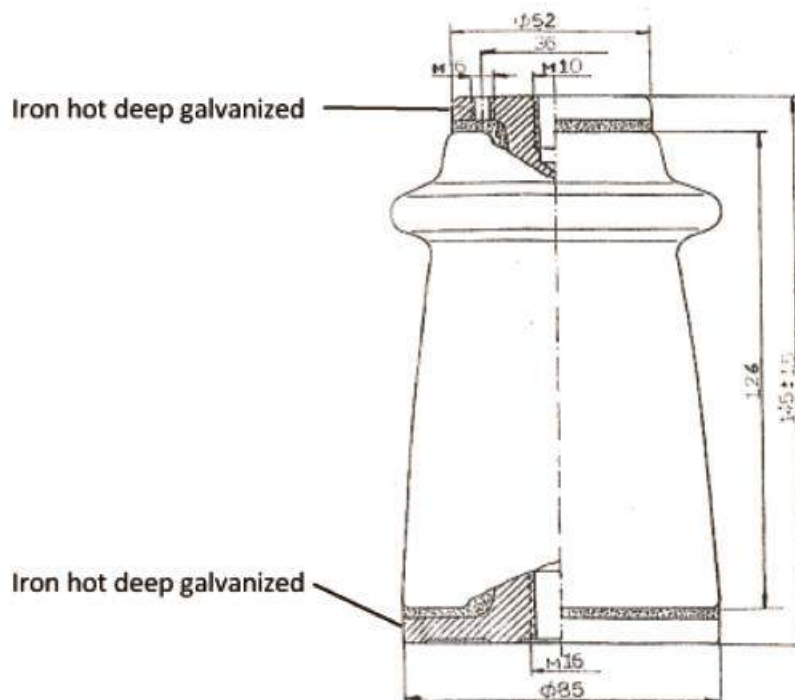


Type	Dimensions in mm							
	H	D	d	d_1	M	h	M_1	M_2
ПАМ-20	205	95	62	36	16	184	10	6

		ПАМ-20
Rated voltage:	KV	20
Max. working voltage	KV	24
Breakdown voltage	KV	120
One minute test voltage at variable frequency: dry	KV	75
One minute test voltage at variable frequency: under rain	KV	55
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	125
Minimum bending force at break	KN	4

Color of glaze: brown

ПАМ-10



Type	Dimensions in mm							
	H	D	d	d ₁	M	h	M ₁	M ₂
ПАМ-10	145	86	52	36	16	126	10	6

		ПАМ 10
Rated voltage:	KV	10
Max. working voltage	KV	12
Breakdown voltage	KV	75
One minute test voltage at variable frequency: dry	KV	47
One minute test voltage at variable frequency: under rain	KV	34
Pulse test voltage with a complete standard wave $\pm 1.2/50 \mu s$	KV	75
Minimum bending force at break	KN	4

Color of glaze: white

ANSI 57系列线路柱式瓷绝缘子

ANSI 57 series line post porcelain insulator

Type	Tie-top type with Stud Base (Vertical & Horizontal Use)				Clamp-top type with Stud Base (Vertical Use)	Clamp-top type with Stud Base (Horizontal Use)	Clamp-top type with Curved Base (Horizontal Use)
Cantilever Strength lb. (kN)	1,500 (6.7)	1,875 (8.4)	2,000 (9.0)	2,800 (12.5)	2,800 (12.5)	2,800 (12.5)	2,800 (12.5)
Designation of Neck	C	F		N	—	—	—
Configuration							



57-3 brown glazed
line post insulator

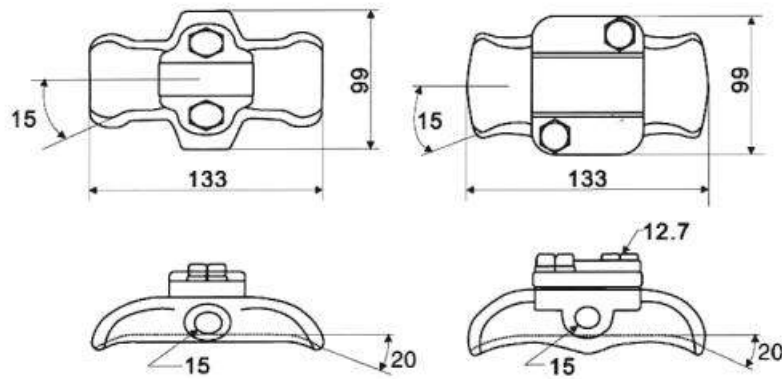


57-15 gray glazed
horizontal use line post insulator



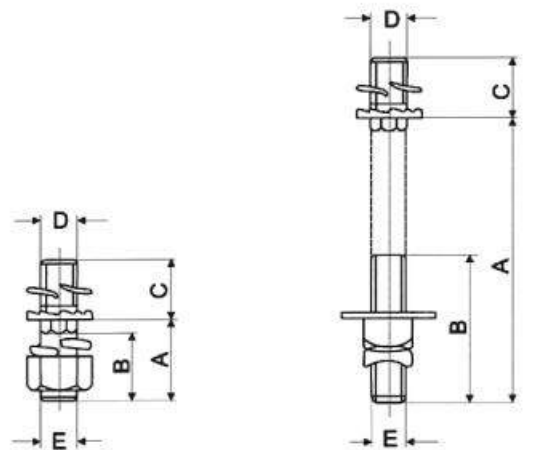
Top clamp and line post stud:

Top clamp: The top clamps are suitable for ANSI 57-11 to 57-15 and 57-21 to 57-25 line post insulators.



Type	Malleable iron	57-11 a1	57-11 b1	57-11 c1	57-11 d1
	Aluminum alloy	57-11 a2	57-11 b2	57-11 c2	57-11 d2
Outside diameter of conductor	Max(mm)	14.2	21.3	26.9	38.1
	Min(mm)	6.35	8.89	12.7	25.4

Line post stud: the line post studs are suitable for ANSI 57-1 to 57-5 and 57-11 to 57-15 and 57-21 and 57-25 line post insulators.

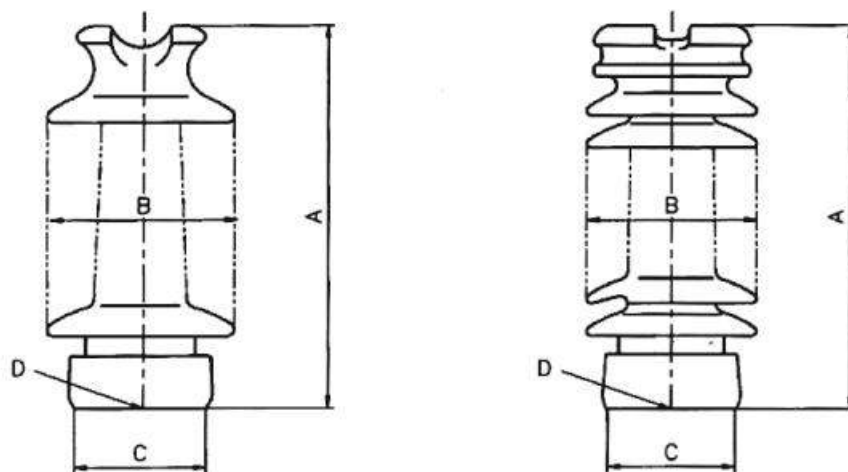


For steel cross-arm

For wood cross-arm

Type of crossarm		Steel	Wood	Steel	Wood
Dimension mm	A	45	178	45	178
	B	37	89	37	89
	C	31	31	31	31
	D	M20	M20	M20	M20
	E	M16	M16	M20	M20

ANSI 57系列线路柱式瓷绝缘子



STANDARD PARTICULARS

Cat No.				8008	8009	8010	8011	8012
ANSI Cass				-	-	-	-	57-1
Designation of Neck				c	c	F	F	F
Height "A"		in.(mm)		7-3/4 (197)	9-1/2 (241)	7-1/2 (191)	9-7/16 (240)	8-3/4 (222)
Diameter "B"		in.(mm)		5-1/4 (133)	5-1/4 (133)	5-1/2 (140)	5-1/2 (140)	5-3/4 (146)
Diameter "C"		in.(mm)		3-3/4 (95)	3-3/4 (95)	3-3/4 (95)	3-3/4 (95)	4 (102)
Thread "D"		in.(mm)		3/4-10UNC	3/4-10UNC	3/4-10UNC	3/4-10UNC	3/4-10UNC
Minimum leakage distance		in.(mm)		11 (280)	15 (381)	11 (280)	15 (381)	14 (356)
Dry arcing distance		in.(mm)		5-3/4 (146)	7-9/16 (192)	5-3/4 (146)	7-9/16 (192)	6-1/2 (165)
Cantilever strength		ib. (kN)		1,500 (6.7)	1,500 (6.7)	2,000 (9)	1,875 (8.4)	2,800 (12.5)
Average flashover voltage	Low Frequency	Dry	kV	80	95	80	95	80
		Wet	kV	55	65	55	65	60
	Critical Impulse	Positive	kV	105	135	105	135	130
		Negative	kV	130	190	130	190	155
Withstand voltage	Low Frequency	Dry	kV	60	75	60	75	60
		Wet	kV	40	50	40	50	45
	Impulse		kV	85	110	85	110	110
Radio-influence voltage data	Test voltage		kV	15	15	15	15	15
	Max.RIV at 1.000kHz		μ V	50	50	50	50	100
Net weight		lb. (kg)		8 (3.6)	10 (4.5)	8.5 (3.9)	10.5 (4.8)	11 (5)

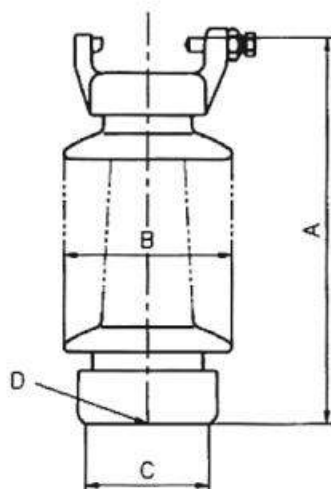
Standard specification: ANSI C29.7-1996

STANDARD PARTICULARS

Cat No.				8013	8014	8015	8016	8017
ANSI Cass				57-2	57-3	57-4	57-5	57-6
Designation of Neck				F	F	N	N	N
Height "A"		in.(mm)		12 (305)	14-1/2 (369)	17 (432)	20 (508)	23 (584)
Diameter "B"		in.(mm)		5-3/4 (146)	6 (152)	7 (178)	7 (178)	7-5/16 (185)
Diameter "C"		in.(mm)		4 (102)	4-1/2 (114)	5 (127)	5 (127)	5-1/2 (140)
Thread "D"		in.(mm)		3/4-10UNC	3/4-10UNC	3/4-10UNC	3/4-10UNC	7/8-9UNC
Minimum leakage distance		in.(mm)		22 (559)	29 (737)	40 (1015)	45 (1145)	53 (1345)
Dry arcing distance		in.(mm)		9-1/2 (241)	12-1/4 (311)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength		ib. (kN)		2,800 (125)	2,800 (12.5)	2,800 (12.5)	2,800 (12.5)	2,800 (12.5)
Average flashover voltage	Low Frequency	Dry	kV	110	125	150	175	200
		Wet	kV	85	100	125	150	170
	Critical Impulse	Positive	kV	180	210	255	290	330
		Negative	kV	205	260	340	380	425
Withstand voltage	Low Frequency	Dry	kV	90	100	120	140	160
		Wet	kV	65	80	100	120	135
	Impulse		kV	150	170	200	235	250
Radio-influence voltage data	Test voltage		kV	22	30	44	44	44
	Max.RIV at 1.000kHz		μ V	100	200	200	200	200
Net weight		lb. (kg)		17 (7.7)	22 (10)	36 (16)	46 (21)	51 (23)

Standard specification: ANSI C29.7-1996

ANSI 57系列线路柱式瓷绝缘子



STANDARD PARTICULARS

Cat No.			8001	8002	8003	8004
ANSI Cass			—	57-11	57-12	57-13
Height "A"	in.(mm)		9-1/4 (235)	10-5/8 (270)	13-3/4 (349)	16-1/2 (419)
Diameter "B"	in.(mm)		5-1/2 (140)	5-3/4 (146)	6 (152)	6 (152)
Diameter "C"	in.(mm)		4 (102)	4 (102)	4-1/2 (114)	4-1/2 (114)
Thread "D"	in.(mm)		3/4-10UNC	3/4-10UNC	3/4-10UNC	3/4-10UNC
Minimum leakage distance	in.(mm)		10 (254)	14 (356)	22 (559)	29 (737)
Dry arcing distance	in.(mm)		5 (127)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)
Cantilever strength	ib. (kN)		2.800 (12.5)	2.800 (12.5)	2.800 (12.5)	2.80 (12.5)
Average flashover voltage	Low Frequency	Dry	kV 70	80	110	125
		Wet	kV 50	60	85	100
	Critical	Positive	kV 100	130	180	210
	Impulse	Negative	kV 125	155	205	260
Withstand voltage	Low Frequency	Dry	kV 55	60	90	100
		Wet	kV 40	45	65	80
	Impulse		kV 80	110	150	170
Radio-influence voltage data	Test voltage		kV 15	15	22	30
	Max.RIV at 1.000kHz		μ V 50	100	100	200
Net weight	lb. (kg)		13 (5.9)	15 (6.8)	22 (10)	26 (11.5)

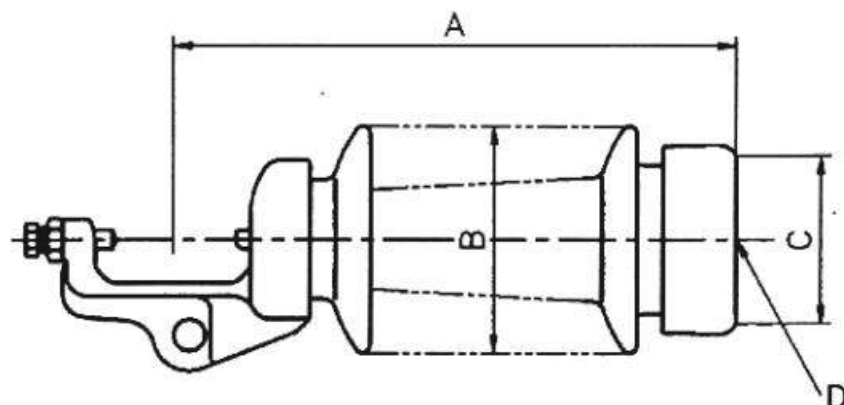
Standard specification: ANSI C29.7-1996

STANDARD PARTICULARS

Cat No.			8005	8006	8007
ANSI Cass			57-14	57-15	57-16
Height "A"	in.(mm)		19 (483)	21-5/8 (549)	24-1/4 (616)
Diameter "B"	in.(mm)		6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Diameter "C"	in.(mm)		5 (127)	5 (127)	5-1/2 (140)
Thread "D"	in.(mm)		3/4-10UNC	3/4-10UNC	7/8-9UNC
Minimum leakage distance	in.(mm)		40 (1015)	45 (1145)	53 (1345)
Dry arcing distance	in.(mm)		14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength	ib. (kN)		2.800 (12.5)	2.800 (12.5)	2.800 (12.5)
Average flashover voltage	Low Frequency	Dry	kV 150	175	200
		Wet	kV 125	150	170
	Critical	Positive	kV 255	290	330
	Impulse	Negative	kV 340	380	425
Withstand voltage	Low Frequency	Dry	kV 120	140	160
		Wet	kV 100	120	135
	Impulse		kV 200	235	250
Radio-influence voltage data	Test voltage		kV 44	44	44
	Max.RIV at 1.000kHz		μ V 200	200	200
Net weight	lb. (kg)		35 (15.9)	41 (18.6)	50 (22.7)

Standard specification: ANSI C29.7-1996

ANSI 57系列线路柱式瓷绝缘子



STANDARD PARTICULARS

Cat No.		8019	8020	8021	8022
ANSI Cass		—	57-21	57-22	57-23
Height "A"	in.(mm)	10 (254)	11-3/8 (289)	14-1/2 (368)	17-1/4 (438)
Diameter "B"	in.(mm)	5-1/2 (140)	5-3/4 (146)	6 (152)	6 (152)
Diameter "C"	in.(mm)	4 (102)	4 (102)	4-1/2 (114)	4-1/2 (114)
Thread "D"	in.(mm)	3/4-10UNC	3/4-10UNC	3/4-10UNC	3/4-10UNC
Minimum leakage distance	in.(mm)	10 (254)	14 (356)	22 (559)	29 (737)
Dry arcing distance	in.(mm)	5 (127)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)
Cantilever strength	ib. (kN)	2.800 (12.5)	2.800 (12.5)	2.800 (12.5)	2.80 (12.5)
Average flashover voltage	Low Frequency	Dry kV 70	80	110	125
	Wet	kV 65	70	100	115
	Critical Positive	kV 100	130	180	210
	Impulse Negative	kV 125	155	205	260
Withstand voltage	Low Frequency	Dry kV 55	60	90	100
	Wet	kV 50	55	80	90
	Impulse	kV 80	110	150	170
Radio-influence voltage data	Test voltage	kV 15	15	22	30
	Max.RIV at 1.000kHz	μ V 50	100	100	200
Net weight	lb. (kg)	13 (5.9)	16 (7.3)	22 (10)	28 (12.7)

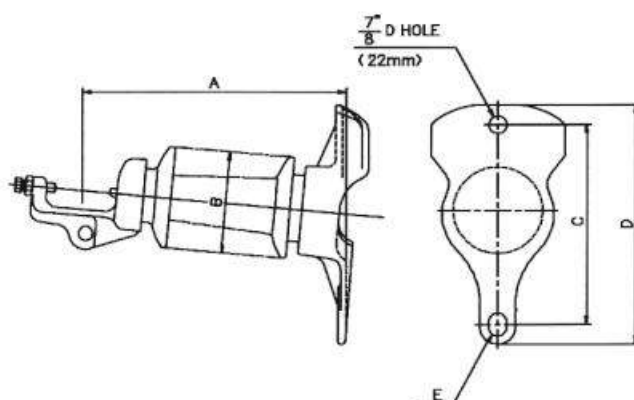
Standard specification: ANSI C29.7-1996

STANDARD PARTICULARS

Cat No.		8023	8024	8025
ANSI Cass		57-24	57-25	57-26
Height "A"	in.(mm)	19-3/4 (502)	22-3/8 (568)	25 (635)
Diameter "B"	in.(mm)	6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Diameter "C"	in.(mm)	5 (127)	5 (127)	5-1/2 (140)
Thread "D"	in.(mm)	3/4-10UNC	3/4-10UNC	7/8-9UNC
Minimum leakage distance	in.(mm)	40 (1015)	45 (1145)	53 (1345)
Dry arcing distance	in.(mm)	14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength	ib. (kN)	2.800 (12.5)	2.800 (12.5)	2.800 (12.5)
Average flashover voltage	Low Frequency	Dry kV 150	175	200
	Wet	kV 135	160	180
	Critical Positive	kV 255	290	330
	Impulse Negative	kV 340	380	425
Withstand voltage	Low Frequency	Dry kV 120	140	160
	Wet	kV 110	130	145
	Impulse	kV 200	235	250
Radio-influence voltage data	Test voltage	kV 44	44	44
	Max.RIV at 1.000kHz	μ V 200	200	200
Net weight	lb. (kg)	36 (16.4)	42 (19.1)	52 (23.6)

Standard specification: ANSI C29.7-1996

ANSI 57系列线路柱式瓷绝缘子



STANDARD PARTICULARS

Cat No.				8026	8027	8028	8029
ANSI Cass				—	57-31	57-32	57-33
Height "A"		in.(mm)		10-3/8 (264)	11-3/4 (298)	14-7/8 (378)	17-5/8 (448)
Diameter "B"		in.(mm)		5-1/2 (140)	5-3/4 (146)	6 (152)	6 (152)
Diameter "C"		in.(mm)		10 (254)	10 (254)	10 (254)	10 (254)
Thread "D"		in.(mm)		12 (305)	12 (305)	12 (305)	12 (305)
Slot Hole "E"		in.(mm)		7/8 × 1-1/8 (22 × 29)	7/8 × 1-1/8 (22 × 29)	7/8 × 1-1/8 (22 × 29)	7/8 × 1-1/8 (22 × 29)
Minimum leakage distance		in.(mm)		10 (254)	14 (356)	22 (559)	29 (737)
Dry arcing distance		in.(mm)		5 (127)	6-1/2 (165)	9-1/2 (241)	12-1/4 (311)
Cantilever strength		ib. (kN)		2,800 (12.5)	2,800 (12.5)	2,800 (12.5)	2,800 (12.5)
Average flashover voltage	Low Frequency	Dry	kV	70	80	110	125
		Wet	kV	65	70	100	115
	Critical Impulse	Positive	kV	100	130	180	210
		Negative	kV	125	155	205	260
Withstand voltage	Low Frequency	Dry	kV	55	60	90	100
		Wet	kV	50	55	80	90
	Impulse		kV	80	110	150	170
Radio-influence voltage data	Test voltage		kV	15	15	22	30
	Max.RIV at 1.000kHz		μ V	50	100	100	200
Net weight		lb. (kg)		18 (8.2)	20 (9.1)	26 (11.8)	32 (14.6)

Standard specification: ANSI C29.7-1996

STANDARD PARTICULARS

Cat No.				8030	8031	8032
ANSI Cass				57-34	57-35	57-36
Height "A"		in.(mm)		19-3/4 (502)	22-3/8 (568)	25 (635)
Diameter "B"		in.(mm)		6-3/4 (172)	6-3/4 (172)	7-1/4 (185)
Diameter "C"		in.(mm)		10 (254)	12 (305)	12 (305)
Thread "D"		in.(mm)		12 (305)	14 (356)	14 (356)
Slot Hole "E"		in.(mm)		7/8 × 15/16 (22 × 24)	7/8 × 1-3/16 (22 × 30)	7/8 × 1-1/8 (22 × 29)
Minimum leakage distance		in.(mm)		40 (1015)	45 (1145)	53 (1345)
Dry arcing distance		in.(mm)		14-1/2 (368)	17-1/4 (438)	19-1/4 (489)
Cantilever strength		ib. (kN)		2,800 (12.5)	2,800 (12.5)	2,800 (12.5)
Average flashover voltage	Low Frequency	Dry	kV	150	175	200
		Wet	kV	135	160	180
	Critical Impulse	Positive	kV	255	290	330
		Negative	kV	340	380	425
Withstand voltage	Low Frequency	Dry	kV	120	140	160
		Wet	kV	110	130	145
	Impulse		kV	200	235	250
Radio-influence voltage data	Test voltage		kV	44	44	44
	Max.RIV at 1.000kHz		μ V	200	200	200
Net weight		lb. (kg)		42 (19.1)	54 (24.5)	61 (27.7)

Standard specification: ANSI C29.7-1996

ANSI 57系列线路柱式瓷绝缘子

Tie-Top Type

C-Neck	F-Neck	N-Neck
Top and Side-wire groove shall a 1-7/16 inch (36.5mm) diameter mandrel.	Top and Side-wire groove shall a 1-15/16 inch (49.2mm) diameter mandrel.	Top wire groove shall a 1-7/16 inch (36.5mm) diameter mandrel.

Clamp-Top Type

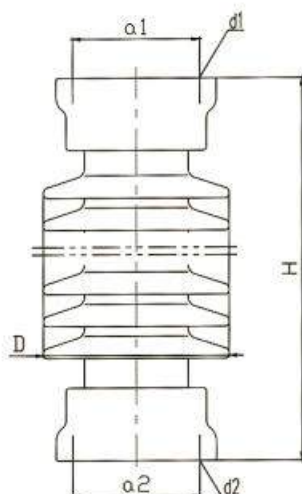
Vertical-Clamp	Horizontal-Clamp	Trunnion Bolt

Base recess

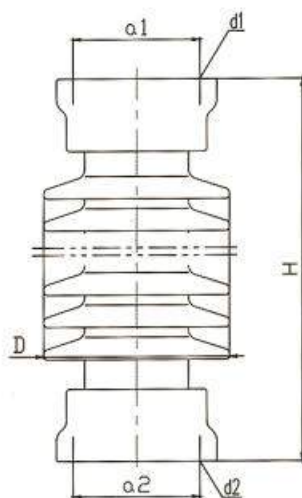
3/4-10UNC (PD 0.7077"-0.7000")	7/8-9UNC (PD 0.8260"-0.8178")

ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator



基准绝缘水平(kV) Basic Insulation Level(kV)		150		
产品代号 Cat.No.		9001	9002	9003
ANSI技术型号 Ansi Technical Reference Number		TR208	TR227	95
公称爬电距离(mm) Creepage distance		610	610	610
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		8.9	17.8	35.6
拉伸破坏负荷(kN) Tensile strength		44.5	89.0	124.6
扭转破坏负荷(kN-m.) Torsional strength		0.91	1.81	4.52
压缩破坏负荷(kN) Compression strength		44.5	89.0	178.0
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		170	170	170
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	60	60	60
	冲击耐受 (kV) Impulse.(kV)	150	150	150
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	15	15	15
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	100	100	100
高度-H(mm) Height-H(mm)		355.6	381	381
伞径-ΦD(mm) Shed Diameter(mm)		158	183	241
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	76	127	127
	d1,(mm)	4-M12	4-M16	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	76	127	127
	d2,(mm)	4-M12	4-M16	4-M16
重量(kg) Weight.kg		11.0	19.5	24.5

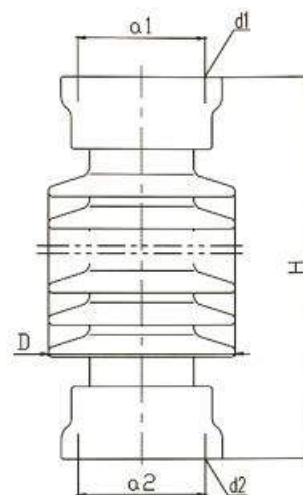


基准绝缘水平(kV) Basic Insulation Level(kV)		200		
产品代号 Cat.No.		9004	9005	9006
ANSI技术型号 Ansi Technical Reference Number		TR210	TR231	155
公称爬电距离(mm) Creepage distance		940	940	940
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		8.9	17.8	35.6
拉伸破坏负荷(kN) Tensile strength		53.4	111.2	124.6
扭转破坏负荷(kN-m.) Torsional strength		1.13	2.26	4.52
压缩破坏负荷(kN) Compression strength		66.8	133.5	266.9
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		225	225	225
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	80	80	80
	冲击耐受 (kV) Impulse.(kV)	200	200	200
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	22	15	15
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	100	100	100
高度-H(mm) Height-H(mm)		457	508	508
伞径-ΦD(mm) Shed Diameter(mm)		160	196	239
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	76	127	127
	d1,(mm)	4-M12	4-M16	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	76	127	127
	d2,(mm)	4-M12	4-M16	4-M16
重量(kg) Weight.kg		15.6	25.0	35.0

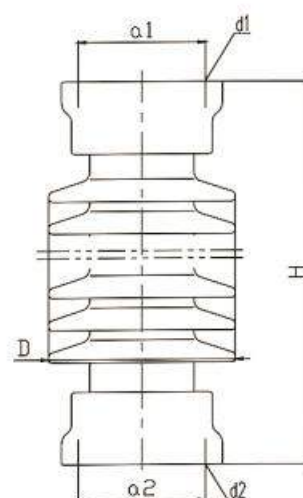
ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator

基准绝缘水平(kV) Basic Insulation Level(kV)	250		
产品代号 Cat.No.	9007	9008	9009
ANSI技术型号 Ansi Technical Reference Number	TR214	TR267	
公称爬电距离(mm) Creepage distance	1093	1093	1093
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	8.9	17.8	35.6
拉伸破坏负荷(kN) Tensile strength	62.3	111.2	178
扭转破坏负荷(kN-m.) Torsional strength	1.36	2.26	10.17
压缩破坏负荷(kN) Compression strength	66.8	266.9	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	280	280	280
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequence.Wet(kV)	100	100
	冲击耐受 (kV) Impulse.(kV)	250	250
无线电干 扰数据	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	30	30
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	100	200
		30	30
高度-H(mm) Height-H(mm)	559	610	635
伞径-ΦD(mm) Shed Diameter(mm)	186	200	242
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	76	127
	d1,(mm)	4-M12	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	76	127
	d2,(mm)	4-M12	4-M16
重量(kg) Weight.kg	20.5	28.0	51.0

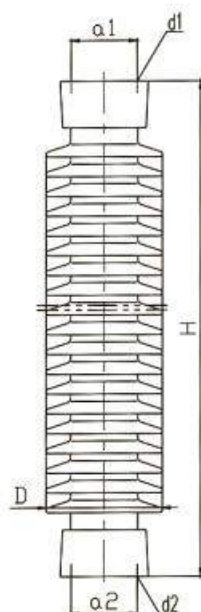


基准绝缘水平(kV) Basic Insulation Level(kV)	350		
产品代号 Cat.No.	9010	9011	9012
ANSI技术型号 Ansi Technical Reference Number	TR216	TR278	
公称爬电距离(mm) Creepage distance	1829	1829	1829
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	6.7	13.4	26.7
拉伸破坏负荷(kN) Tensile strength	71.2	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	1.70	4.52	10.17
压缩破坏负荷(kN) Compression strength	111.2	266.9	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	390	390	390
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequence.Wet(kV)	145	145
	冲击耐受 (kV) Impulse.(kV)	350	350
无线电干 扰数据	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	44	44
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	200	200
		44	44
高度-H(mm) Height-H(mm)	762	762	812.8
伞径-ΦD(mm) Shed Diameter(mm)	196	220	249
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	76	127
	d1,(mm)	4-M12	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	76	127
	d2,(mm)	4-M12	4-M16
重量(kg) Weight.kg	30.0	39.7	65.8

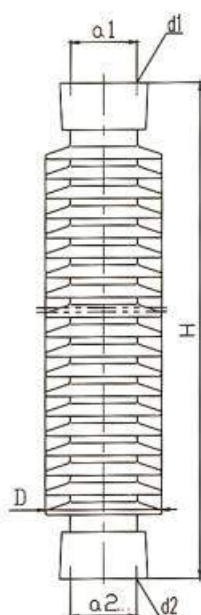


ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator



基准绝缘水平(kV) Basic Insulation Level(kV)	550		
产品代号 Cat.No.	9013	9014	9015
ANSI技术型号 Ansi Technical Reference Number	TR286	TR287	
公称爬电距离(mm) Creepage distance	2151	2515	2515
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	7.6	11.6	22.3
拉伸破坏负荷(kN) Tensile strength	89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength	266.9	333.6	233.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	610	610	610
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	230	230
	冲击耐受 (kV) Impulse.(kV)	550	550
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	73	73
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	200	200
高度-H(mm) Height-H(mm)	1143	1143	1143
伞径-ΦD(mm) Shed Diameter(mm)	215	225	254
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	177.8
	d1,(mm)	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8
	d2,(mm)	4-M16	4-M20
重量(kg) Weight.kg	64.5	71.0	99.1

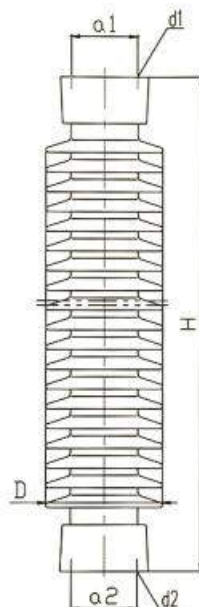


基准绝缘水平(kV) Basic Insulation Level(kV)	550		
产品代号 Cat.No.	9016	9017	9018
ANSI技术型号 Ansi Technical Reference Number			
公称爬电距离(mm) Creepage distance	3175	3175	3048
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	7.6	11.6	22.3
拉伸破坏负荷(kN) Tensile strength	89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength	266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	610	610	610
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	230	230
	冲击耐受 (kV) Impulse.(kV)	550	550
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	73	73
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	200	200
高度-H(mm) Height-H(mm)	1143	1143	1143
伞径-ΦD(mm) Shed Diameter(mm)	227	237	267
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	177.8
	d1,(mm)	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8
	d2,(mm)	4-M16	4-M20
重量(kg) Weight.kg	69.5	75.0	105.0

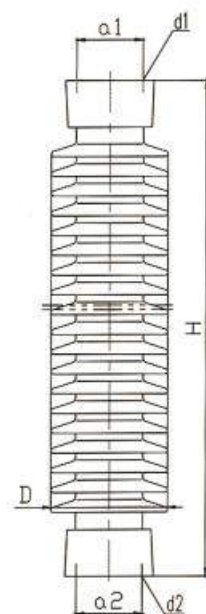
ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator

基准绝缘水平(kV) Basic Insulation Level(kV)	650		
产品代号 Cat.No.	9019	9020	9021
ANSI技术型号 Ansi Technical Reference Number	TR288	TR289	
公称爬电距离(mm) Creepage distance	2947	2947	2947
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	6.5	9.8	18.3
拉伸破坏负荷(kN) Tensile strength	89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	6.78	10.17	13.56
压缩破坏负荷(kN) Compression strength	266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	710	710	710
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	275	275
	冲击耐受 (kV) Impulse.(kV)	650	650
无线电干 扰数据	对地试验电压 (kV)	88	88
Radio-Influence Voltage Data	Test Voltage.Rms to Ground(kV)		
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	200	200
高度-H(mm) Height-H(mm)	1371.6	1371.6	1371.6
伞径-ΦD(mm) Shed Diameter(mm)	197	210	246
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	177.8
	d1,(mm)	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8
	d2,(mm)	4-M16	4-M20
重量(kg) Weight.kg	67.0	76.8	108.1

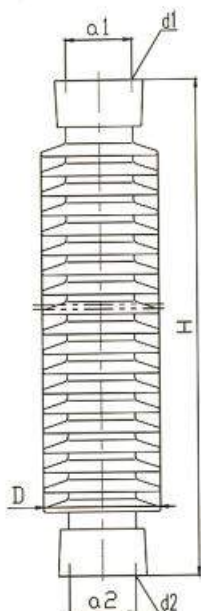


基准绝缘水平(kV) Basic Insulation Level(kV)	650		
产品代号 Cat.No.	9022	9023	9024
ANSI技术型号 Ansi Technical Reference Number			
公称爬电距离(mm) Creepage distance	3937	3937	3810
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	6.5	9.8	18.3
拉伸破坏负荷(kN) Tensile strength	89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	6.78	10.17	13.56
压缩破坏负荷(kN) Compression strength	266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	710	710	710
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	275	275
	冲击耐受 (kV) Impulse.(kV)	650	650
无线电干 扰数据	对地试验电压 (kV)	88	88
Radio-Influence Voltage Data	Test Voltage.Rms to Ground(kV)		
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	200	200
高度-H(mm) Height-H(mm)	1371.6	1371.6	1371.6
伞径-ΦD(mm) Shed Diameter(mm)	225	238	280
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	177.8
	d1,(mm)	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8
	d2,(mm)	4-M16	4-M20
重量(kg) Weight.kg	79.6	90.4	131.8

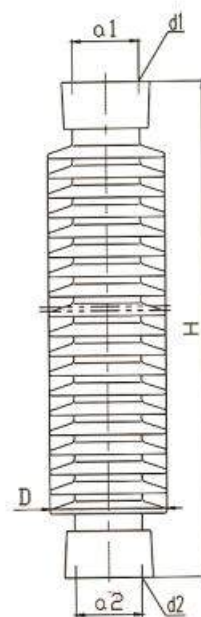


ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator



基准绝缘水平(kV) Basic Insulation Level(kV)		750		
产品代号 Cat.No.		9025	9026	9027
ANSI技术型号 Ansi Technical Reference Number		TR291	TR295	
公称爬电距离(mm) Creepage distance		3353	3353	3353
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		5.4	8.3	15.6
拉伸破坏负荷(kN) Tensile strength		89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength		4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength		266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		810	810	810
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	315	315	315
	冲击耐受 (kV) Impulse.(kV)	750	750	750
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	103	103	103
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500	500	500
高度-H(mm) Height-H(mm)		1575	1575	1575
伞径-ΦD(mm) Shed Diameter(mm)		192	200	232
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	177.8
	d1,(mm)	4-M16	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	127	177.8
	d2,(mm)	4-M16	4-M16	4-M20
重量(kg) Weight.kg		79.0	88.0	122.1

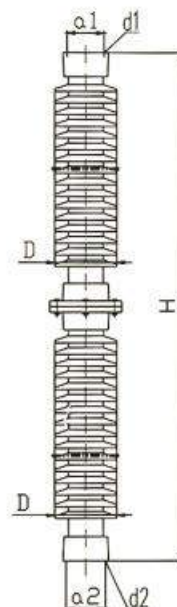


基准绝缘水平(kV) Basic Insulation Level(kV)		750		
产品代号 Cat.No.		9028	9029	9030
ANSI技术型号 Ansi Technical Reference Number				
公称爬电距离(mm) Creepage distance		4572	4572	4572
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		5.4	8.3	15.6
拉伸破坏负荷(kN) Tensile strength		89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength		4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength		266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		810	710	810
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	315	315	315
	冲击耐受 (kV) Impulse.(kV)	750	750	750
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	103	103	103
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500	500	500
高度-H(mm) Height-H(mm)		1575	1575	1575
伞径-ΦD(mm) Shed Diameter(mm)		225	233	365
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	177.8
	d1,(mm)	4-M16	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	127	177.8
	d2,(mm)	4-M16	4-M16	4-M20
重量(kg) Weight.kg		92.6	102.7	144.0

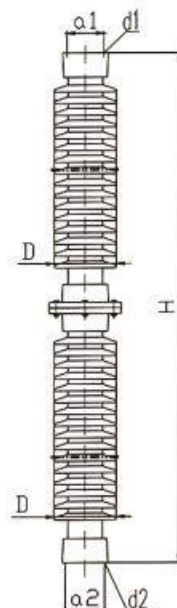
ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator

基准绝缘水平(kV) Basic Insulation Level(kV)	900		
产品代号 Cat.No.	9031	9031	9033
ANSI技术型号 Ansi Technical Reference Number	TR304	TR308	
公称爬电距离(mm) Creepage distance	4191	4191	4191
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	4.3	6.5	12.3
拉伸破坏负荷(kN) Tensile strength	89.0	111.2	178.0
扭转破坏负荷(kN-m.) Torsional strength	4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength	266.9	333.6	533.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	1010	1010	1010
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	385	385
	冲击耐受 (kV) Impulse.(kV)	900	900
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	146	146
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500	500
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500	500
高度-H(mm) Height-H(mm)	2032	2032	2032
伞径-ΦD(mm) Shed Diameter(mm)	199	214	239
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	177.8
	d1,(mm)	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8
	d2,(mm)	4-M16	4-M20
重量(kg) Weight.kg	114.0	132.0	383.4

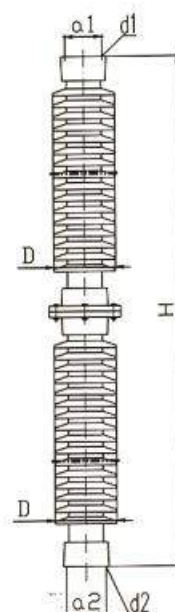
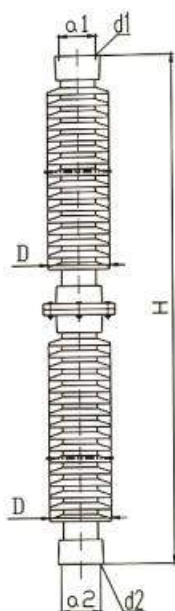


基准绝缘水平(kV) Basic Insulation Level(kV)	900	
产品代号 Cat.No.	9031	9032
ANSI技术型号 Ansi Technical Reference Number		
公称爬电距离(mm) Creepage distance	4900	4900
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion	4.3	6.5
拉伸破坏负荷(kN) Tensile strength	89.0	111.2
扭转破坏负荷(kN-m.) Torsional strength	4.52	10.17
压缩破坏负荷(kN) Compression strength	266.9	333.6
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity	1010	1010
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	385
	冲击耐受 (kV) Impulse.(kV)	900
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	146
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500
高度-H(mm) Height-H(mm)	2032	2032
伞径-ΦD(mm) Shed Diameter(mm)	215	235
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127
	d1,(mm)	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127
	d2,(mm)	4-M16
重量(kg) Weight.kg	118.0	145.0



ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator



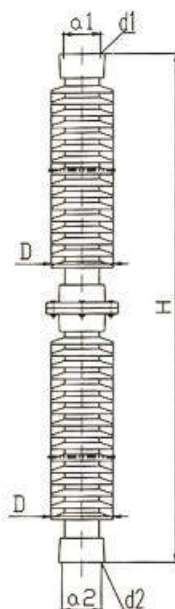
基准绝缘水平(kV) Basic Insulation Level(kV)		1050		
产品代号 Cat.No.		9033	9034	9035
ANSI技术型号 Ansi Technical Reference Number		TR312	TR316	TR362
公称爬电距离(mm) Creepage distance		5030	5030	5030
弯曲破坏负荷, 正装/倒装(kN.)		3.6	5.6	10.3
拉伸破坏负荷(kN) Tensile strength		89.0	111.2	1478.0
扭转破坏负荷(kN-m.) Torsional strength		4.52	10.17	13.56
压缩破坏负荷(kN) Compression strength		266.9	333.6	444.8
冲击闪络电压, 正极性(kV)		1210	1210	1210
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	455	455	155
	冲击耐受 (kV) Impulse.(kV)	1050	1050	1050
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	146	146	146
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	500	500	500
高度-H(mm) Height-H(mm)		2336.8	2336.8	2336.8
伞径-ΦD(mm) Shed Diameter(mm)		192	208	256
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	177.8
	d1,(mm)	4-M16	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	127	177.8
	d2,(mm)	4-M16	4-M16	4-M20
重量(kg) Weight.kg		118.0	144.0	210.0

基准绝缘水平(kV) Basic Insulation Level(kV)		1300			
产品代号 Cat.No.		9036	9037	9038	9039
ANSI技术型号 Ansi Technical Reference Number		TR324	TR367	TR368	TR369
公称爬电距离(mm) Creepage distance		5868	5868	5868	5868
弯曲破坏负荷, 正装/倒装(kN.)		4.5	6.5	6.5	9.13
拉伸破坏负荷(kN) Tensile strength		111.2	89.0	89.0	111.2
扭转破坏负荷(kN-m.) Torsional strength		10.17	4.521	4.52	10.17
压缩破坏负荷(kN) Compression strength		333.6	266.9	266.9	400.4
冲击闪络电压, 正极性(kV)		1410	1410	1410	1410
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	525	525	525	525
	冲击耐受 (kV) Impulse.(kV)	1300	1300	1300	1300
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	220	220	220	220
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	1000	1000	1000	1000
高度-H(mm) Height-H(mm)		2692.4	2692.4	2692.4	2692.4
伞径-ΦD1(mm) Shed Diameter(mm)		210	197	197	210
伞径-ΦD2(mm) Shed Diameter(mm)		210	227	227	246
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	127	127
	d1,(mm)	4-M16	4-M20	4-M20	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8	177.8	177.8
	d2,(mm)	4-M16	4-M20	4-M20	4-M20
重量(kg) Weight.kg		155.0	236.0	236.0	201.0

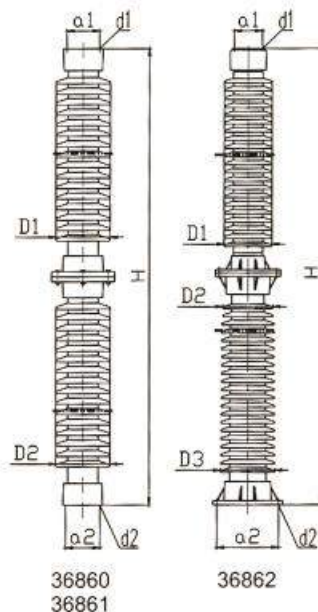
ANSI TR系列棒形支柱瓷绝缘子

ANSI TR series solid core post porcelain insulator

基准绝缘水平(kV) Basic Insulation Level(kV)		1470			
产品代号 Cat.No.		9040	9041	9042	9043
ANSI技术型号 Ansi Technical Reference Number		TR330	TR371	TR373	TR372
公称爬电距离(mm) Creepage distance		6706	6706	6706	6706
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		4.1	5.3	7.8	7.8
拉伸破坏负荷(kN) Tensile strength		111.2	89.0	89.0	178.0
扭转破坏负荷(kN-m.) Torsional strength		10.17	4.52	4.52	13.56
压缩破坏负荷(kN) Compression strength		333.6	266.9	266.9	444.8
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		1610	1610	1610	1610
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	590	590	590	590
	冲击耐受 (kV) Impulse.(kV)	1470	1470	1470	1470
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	220	220	220	220
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	1000	1000	1000	1000
高度-H(mm) Height-H(mm)		3098.8	3098.8	3098.8	3098.8
伞径-ΦD1(mm) Shed Diameter(mm)		193	193	201	231
伞径-ΦD2(mm) Shed Diameter(mm)		201	211	231	231
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	127	177.8
	d1,(mm)	4-M16	4-M16	4-M16	4-M20
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	127	177.8	177.8	177.8
	d2,(mm)	4-M16	4-M20	4-M20	4-M20
重量(kg) Weight.kg		167.0	188.0	210.0	244.0



基准绝缘水平(kV) Basic Insulation Level(kV)		1550		
产品代号 Cat.No.		9044	9045	9046
ANSI技术型号 Ansi Technical Reference Number				1147
公称爬电距离(mm) Creepage distance		8128	7112	11.2
弯曲破坏负荷, 正装/倒装(kN.) Bending load, formalwear/inversion		4.5	7.6	111.2
拉伸破坏负荷(kN) Tensile strength		89.0	89.0	6.78
扭转破坏负荷(kN-m.) Torsional strength		6.78	4.52	266.9
压缩破坏负荷(kN) Compression strength		266.9	266.9	1710
冲击闪络电压, 正极性(kV) Impulse flashover voltage, normal polarity		1710	1710	620
耐受电压 Withstand Voltage	工频湿耐受 (kV) Low Frequency.Wet(kV)	620	620	1550
	冲击耐受 (kV) Impulse.(kV)	1550	1550	318
无线电干扰数据 Radio-Influence Voltage Data	对地试验电压 (kV) Test Voltage.Rms to Ground(kV)	318	318	318
	地1000kHz时最大无线电干扰电压(μV) Maximum RIV at 1000 kHz(μV)	2000	2000	2000
高度-H(mm) Height-H(mm)		3251	3251	3251
伞径-ΦD1(mm) Shed Diameter(mm)		218	218	238
伞径-ΦD2(mm) Shed Diameter(mm)		324	229	248
伞径-ΦD3(mm) Shed Diameter(mm)		-	-	269
顶部安装孔 Impulse flashover voltage, normal polarity	Φa1,(mm)	127	127	127
	d1,(mm)	4-M16	4-M16	4-M16
底部安装孔 At the bottom of the mounting holes	Φa2,(mm)	177.8	177.8	355.6
	d2,(mm)	4-M20	4-M20	20.6
重量(kg) Weight.kg		216.3	221.7	285.4





高压穿墙瓷套管

High voltage porcelain wall bushing

高压穿墙瓷套管图解 (之一)

FIGURE OF HIGH VOLTAGE PORCELAIN WALL BUSHING (1)

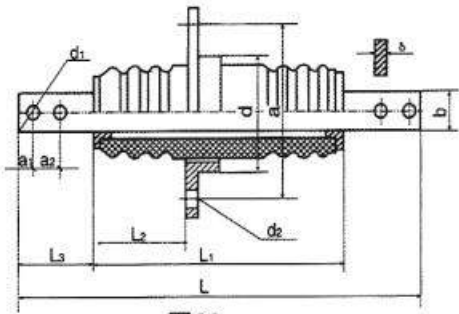


图22
Fig 22

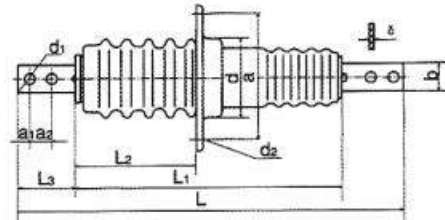


图23
Fig 23

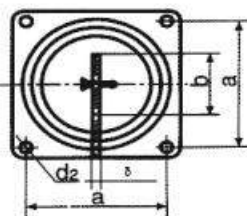
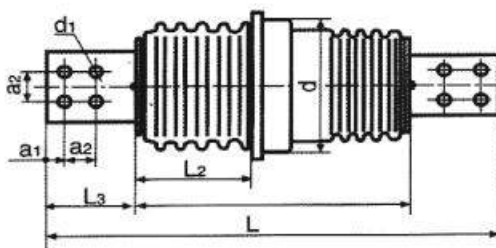


图24a
Fig 24a

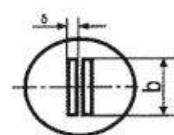


图24b
Fig 24b

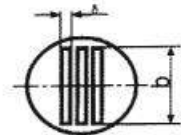


图24c
Fig 24c

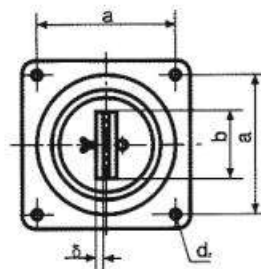
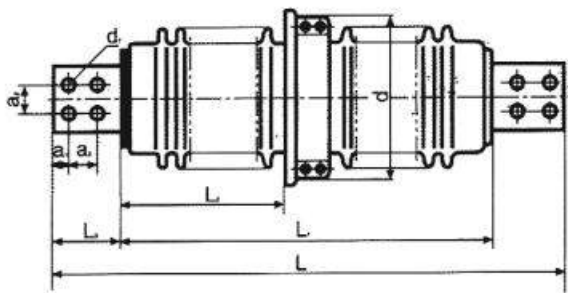


图25a
Fig 25a

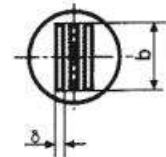


图25b
Fig 25b

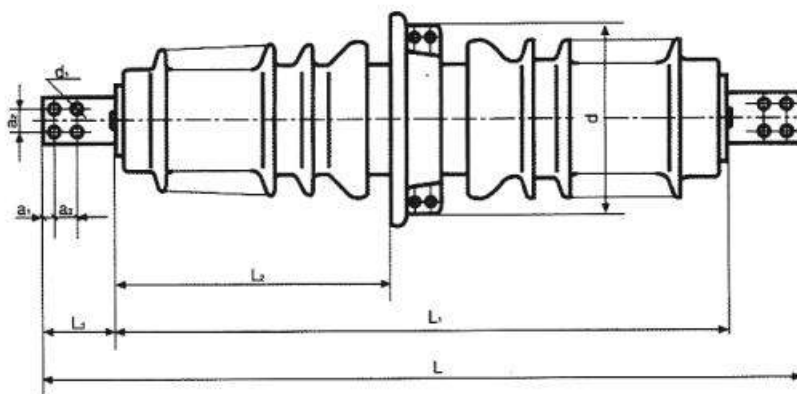


图26a
Fig 26a

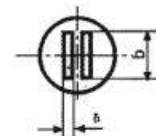
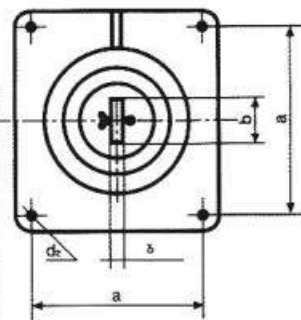


图26b
Fig 26b

高压穿墙瓷套管

High voltage porcelain wall bushing

高压穿墙瓷套管图解 (之二)

FIGURE OF HIGH VOLTAGE PORCELAIN WALL BUSHING (2)

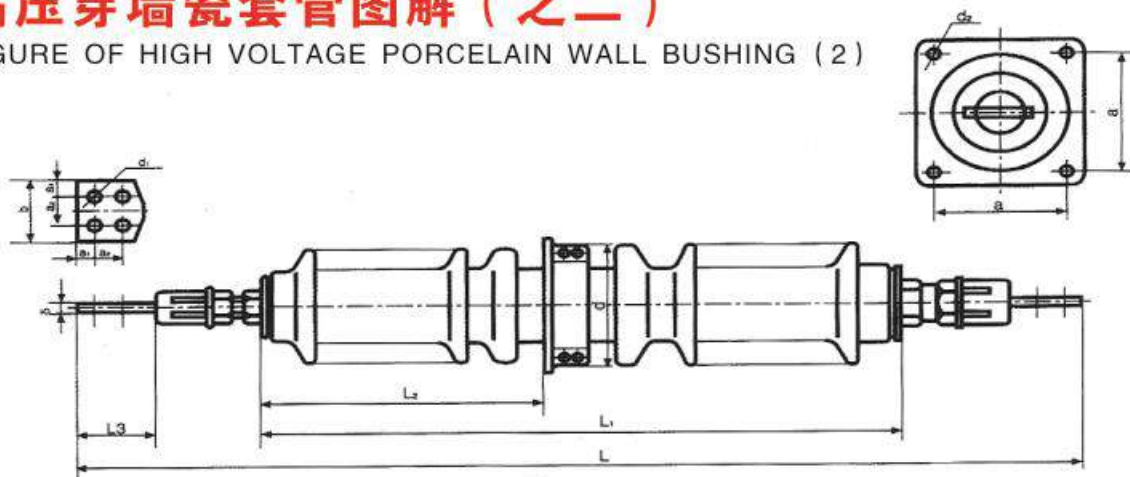


图27
Fig 27

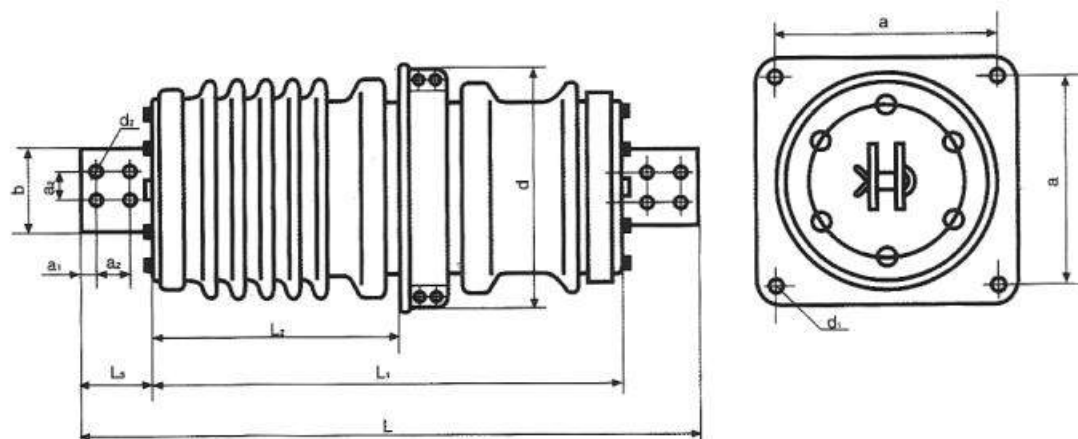


图28
Fig 28

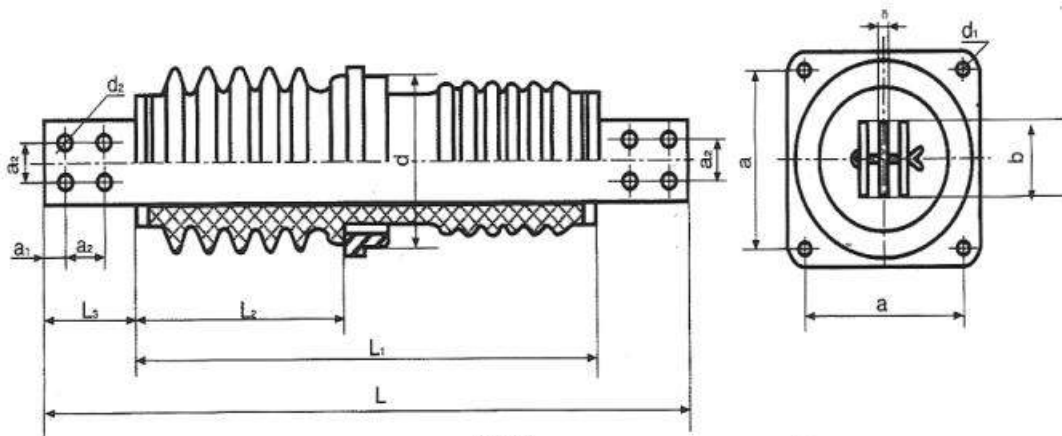


图29
Fig 29

高压穿墙瓷套管

High voltage porcelain wall bushing

铝导体穿墙瓷套管

ALUMINIUM CONDUCTOR WALL BUSHING

型 号 Type No	工厂 代号 Factory No	图号 Fig No	额定 电压 kv Rated voltage	额定 电流 A Rated current	主要尺寸 mm Main dimension mm												弯曲破坏 负荷kN Cantilever failing load kN	户外公称 爬距mm Outdoor nominal creepage distance mm	重量 kg Weight kg
					L	L ₁	L ₂	L ₃	a	a ₁	a ₂	b	δ	d	d ₁	d ₂			
CL-6/250	23000	22	6	250	440	280	105	75	175	15	30	31.5	4	115	11	14	4		4.4
CL-6/400	23001	22	6	400	440	280	105	75	175	15	30	40	5	115	11	14	4		4.5
CL-6/630	23002	22	6	630	480	280	105	95	175	20	40	40	8	115	13	14	4		4.7
CL-10/250	23010	22	10	250	490	330	130	75	175	15	30	31.5	4	115	11	14	4		4.8
CL-10/400	23011	22	10	400	490	330	130	75	175	15	30	40	5	115	11	14	4		4.9
CL-10/630	23012	22	10	630	530	330	130	95	175	20	40	40	8	115	13	14	4		5.1
CWWL-10/250-2	24010	23	10	250	520	360	158	75	175	15	30	31.5	4	115	11	14	4	230	5.5
CWWL-10/400-2	24011	23	10	400	520	360	158	75	175	15	30	40	5	115	11	14	4	230	5.6
CWWL-10/630-2	24012	23	10	630	560	360	158	95	150	20	40	40	8	115	13	14	4	230	5.8
CWWL-10/1000-2	24013	24.a	10	1000	520	360	158	75	150	15	30	63	12.5	150	14	14	4	230	8
CWWL-10/1600-2	24014	24.b	10	1600	520	360	158	75	200	15	30	63	12.5	150	14	14	4	230	8.5
CWWL-10/2000-2	24015	24.b	10	2000	600	365	158	115	200	25	50	100	10	200	18	14	8	230	14.7
CWWL-10/3150-2	24016	24.c	10	3150	600	365	158	115	175	25	50	100	12.5	200	18	14	8	230	17.5
CWWL-10/250-4	24017	23	10	250	680	515	158	75	175	15	30	31.5	4	115	11	14	4	360	
CWWL-10/400-4	24018	23	10	400	680	515	235	75	175	15	30	40	5	115	11	14	4	360	
CWWL-10/630-4	24019	23	10	630	720	515	235	95	150	20	40	40	8	115	13	14	4	360	
CWWL-10/1000-4	24022	24.a	10	1000	680	515	235	75	150	15	30	63	12.5	150	14	14	4	360	
CWWL-10/1600-4	24023	24.b	10	1600	680	515	235	75	220	15	30	63	12.5	150	14	14	4	360	
CWWL-10/2000-4	24020	25.a	20	2000	835	590	235	115	220	25	50	100	10	250	18	15	8	400	27.5
CWWL-20/3150-1	24021	25.b	20	3150	835	590	235	115	220	25	50	100	12.5	250	18	15	8	400	31
CWWL-20/250	24030	26.a	35	250	980	815	255	75	200	15	30	31.5	4	225	11	15	8	595	27.5
CWWL-35/400	24031	26.a	35	400	980	815	255	75	200	15	30	40	5	225	11	15	4	595	27.5
CWWL-35/630	24032	26.a	35	630	1000	815	372	95	200	20	40	40	8	225	13	15	4	595	28
CWWL-35/1000	24033	26.a	35	1000	1020	815	372	75	220	15	30	63	12.5	245	14	15	4	595	32
CWWL-35/1600	24034	26.b	35	1600	980	815	372	75	220	15	30	63	12.5	245	14	15	4	595	34.4
CWWL-35/250-1	24024	26.a	35	250	1200	1035	372	75	200	15	30	31.5	4	225	11	15	4	690	
CWWL-35/400-1	24025	26.a	35	400	1200	1035	478	75	200	15	30	40	5	225	11	15	4	690	
CWWL-35/630-1	24026	26.a	35	630	1200	1035	478	95	200	20	40	40	8	225	13	15	4	690	
CWWL-35/1000-1	24027	26.a	35	1000	1240	1035	478	75	220	15	30	63	12.5	245	14	15	4	690	
CWWL-34/1600-1	24028	26.b	35	1600	1200	1035	478	75	220	15	30	63	12.5	245	14	15	4	690	
CWWL-35/250-3	24035	26.a	35	250	1085	920	440	75	200	15	30	31.5	4	225	11	15	4	1015	
CWWL-35/400-3	24036	26.a	35	400	1085	920	440	75	200	15	30	40	5	225	11	15	4	1015	
CWWL-35/630-3	24037	26.a	35	630	1125	920	440	95	200	20	40	40	8	225	13	15	4	1015	
CWWL-35/1000-3	24038	26.a	35	1000	1085	920	440	75	220	15	30	63	12.5	225	14	15	4	1015	
CWWL-35/1600-3	24039	26.b	35	1600	1085	920	440	75	220	15	30	63	12.5	225	14	15	4	1015	

高压穿墙瓷套管

High voltage porcelain wall bushing

铜导体穿墙瓷套管

COPPER CONDUCTOR WALL BUSHING

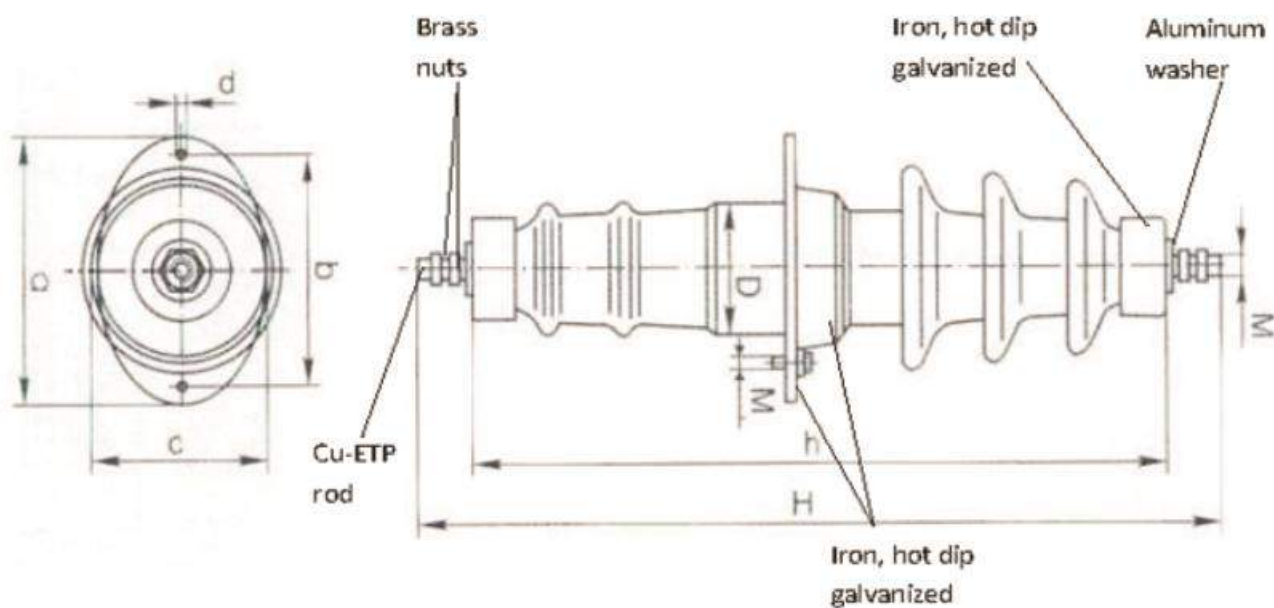
型 号 Type No	工厂 代号 Factory No	图号 Fig No	额定 电压 kv Rated voltage	额定 电流 A Rated current	主要尺寸 mm Main dimension mm												弯曲破坏 负荷kN Cantilever failing load kN	户外公称 爬距mm Outdoor nominal creepage distance mm	重量 kg Weight
					L	L ₁	L ₂	L ₃	a	a ₁	a ₂	b	δ	d	d ₁	d ₂			
C-10/250	23003	22	10	250	415	330	130	37.5	175	15	-	31.5	31.5	115	13	14	4	-	
C-10/400	23004	22	10	400	430	330	130	45	175	20	-	40	4	115	13	14	4	-	
C-10/630	23005	22	10	630	430	330	130	45	175	20	-	40	6.3	115	18	14	4	-	
CWW-10/250-2	24040	23	10	250	520	360	158	75	175	15	30	31.5	3.15	115	11	14	4	230	
CWW-10/400-2	24041	23	10	400	520	360	158	75	175	15	30	40	4	115	11	14	4	230	
CWW-10/630-2	24042	23	10	630	560	360	158	95	175	20	40	40	6.3	115	13	14	4	230	
CWW-10/1000-2	24043	24.a	10	1000	520	360	158	75	150	15	30	63	10	150	14	14	4	230	
CWW-10/1600-3	24044	24.b	10	1600	520	515	158	75	150	15	30	63	10	150	14	14	4	230	
CWW-10/250-4	24045	23	10	250	680	515	235	75	175	15	30	31.5	3.15	115	11	14	4	360	
CWW-10/400-4	24046	23	10	400	680	515	235	75	175	15	30	40	4	115	11	14	4	360	
CWW-10/630-4	24047	23	10	630	720	515	235	95	175	20	40	40	6.3	115	13	14	4	360	
CWW-10/1000-4	24048	24.a	10	1000	680	515	235	75	150	15	30	63	10	150	14	14	4	360	
CW-35/1600-4	24049	24.b	10	1600	680	515	235	75	150	15	30	63	10	150	14	14	4	360	
CW-35/250	24050	26.a	35	250	980	815	372	75	220	15	30	31.5	3.15	225	11	15	4	595	
CW-35/400	24051	26.a	35	400	980	815	372	75	220	15	30	40	4	225	11	15	4	595	
CW-35/630	24052	26.a	35	630	1020	815	372	95	220	20	40	40	6.3	225	13	15	4	595	
CW-35/1000	24053	26.a	35	1000	980	815	372	75	220	15	30	63	10	245	14	15	4	595	
CWW-35/1600	24054	26.b	35	1600	980	815	372	75	220	15	30	63	10	245	14	15	4	595	
CWW-35/250-3	24055	26.a	35	250	1085	920	440	75	220	15	30	31.5	3.15	225	11	15	4	1015	
CWW-35/400-3	24056	26.a	35	400	1085	920	440	75	220	15	30	40	4	225	11	15	4	1015	
CWW-35/630-3	24057	26.a	35	630	1120	920	440	95	220	20	40	40	6.3	225	20	15	4	1015	
CWW-35/1000-3	24058	26.a	35	1000	1085	920	440	75	220	15	40	63	10	245	15	14	4	1015	
CWW-35/1600-3	24059	26.b	35	1600	1085	920	440	75	220	15	30	63	10	245	15	15	4	1015	
CWW-35/2000-3	2444	27	35	2000	1438	920	440	110	220	25	50	100	10	245	18	15	4	1015	69
CWC-20/2000	2412	28	20	2000	920	740	370	90	220	20	40	80	8	250	15	17	12.5	460	44.7
CWC-20/3000	2414	28	20	3000	920	740	370	90	220	20	40	100	10	250	15	17	12.5	460	50.5
CWC-20/4000	2440	29	20	4000	845	610	262	117	175	25	50	100	10	210	14	18	12.5	-	39

变压器套管

Transformer Bushing

BUSHING INSULATORS-OUTDOOR MOUNTING

The following bushing insulators should comply with the IEC. The glaze colour of the insulators should be brown.



Typ.No.	PRBO 20/200	PRBO 20/400	PRBO 20/630	PRBO 20/1000
Rated voltage.kV	20	20	20	20
Max working voltage.kV	24	24	24	24
Rated current through the vishing, A	200	400	630	1000
One minute test voltage at variable frequency, kV				
-dry	75	75	75	75
-under rain	55	55	55	55
Dimensions, mm				
-H	770	780	800	820
-h	663	663	663	663
-D	120	120	12	12
-a	250	250	250	250
-b	205	205	205	205
-c	-	-	-	-
-d	17	17	17	17
-M	12	16	22	27
-M ₁	8	8	8	8
Pulse test voltage with a complete standard wave, kV	125	125	125	125
Min.bending forse at break, kN	7.5	7.5	7.5	7.5

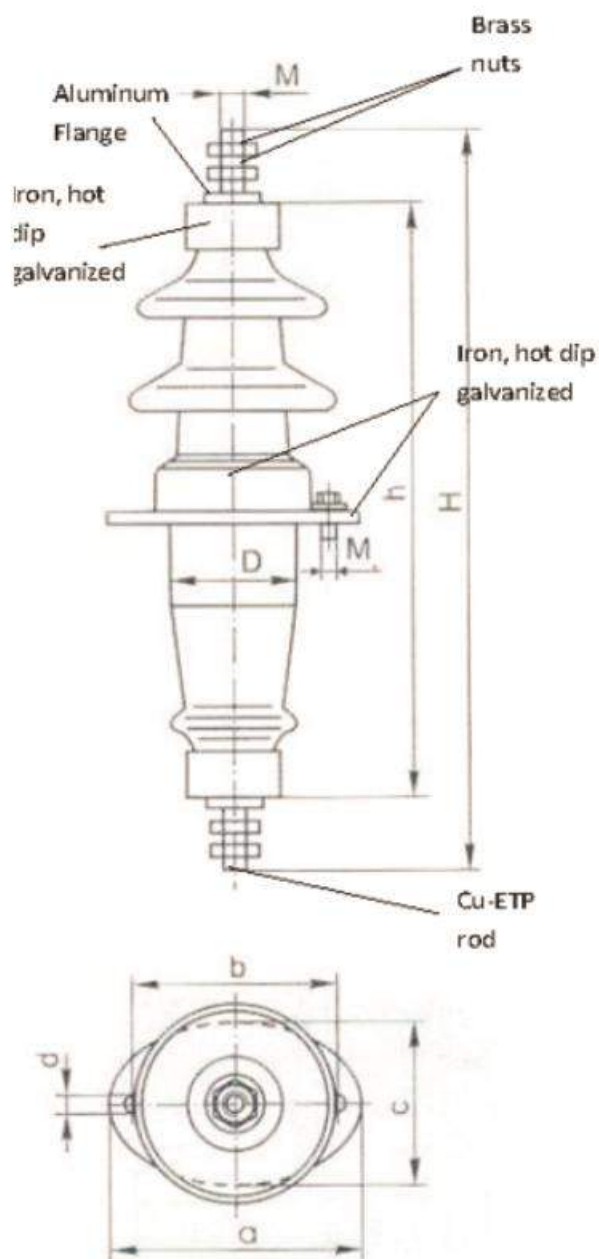
变压器套管

Transformer Bushing

BUSHING INSULATORS-INDOOR MOUNTING

The following bushing insulators should comply with the IEC. The glaze colour of the insulators should be brown.

Typ.No.	PRBO 10/200	PRBO 10/400	PRBO 10/630	PRBO 10/1000
Rated voltage, kV	10	10	10	10
Max working voltage, kV	12	12	12	12
Rated current through the bushing, A	200	400	630	1000
One minute test voltage at variable frequency, kV				
-dry	47	47	47	47
-under rain	35	35	35	35
Dimensions, mm				
-H	620	620	640	640
-h	508	508	508	508
-D	105	105	105	105
-a	215	215	215	215
-b	175	175	175	175
-c	140	140	140	140
-d	14	14	14	14
-M	14	14	22	27
-M ₁	8	8	8	8
Pulse test voltage with a complete standard wave, kV	75	75	75	75
Min. bending force at break, kN	7.5	7.5	7.5	7.5



变压器套管

Transformer Bushing

BUSHING INSULATORS-INDOOR MOUNTING

The following bushing insulators should comply with the IEC. The glaze colour of the insulators should be brown.

Typ.No.	PRB 20/200	PRB 20/400	PRB 20/630	PRB 20/1000
Rated voltage, kV	20	20	20	20
Max working voltage, kV	24	24	24	24
Rated current through the vishing,A	200	400	630	1000
One minute test voltage at variable frequency,kV -dry	75	75	75	75
Dimensions, mm				
-H	685	700	720	720
-h	590	590	590	590
-h ₁	305	305	305	305
-D	120	120	120	120
-a	250	250	250	250
-b	205	205	205	205
-c	160	160	160	160
-d	17	17	17	17
-M	12	16	22	27
-M ₁	8	8	8	8
Pulse test voltage with a complete standard wave, kV	125	125	125	125
Min,bending forse at break, kN	7.5	7.5	7.5	7.5

