上海沈太电气有限公司

Shanghai Ruitai Electric Insulator Co.,Ltd

PRODUCTS

产品介绍

标准型系列 STANDARD TYPE

标准型盘形悬式玻璃绝缘子

Toughened Glass Suspension Insulator of Standard Type

图 片 1

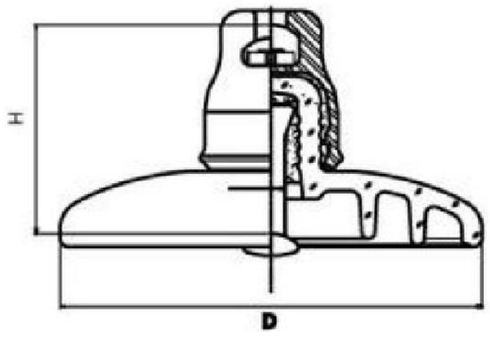


图 片 2

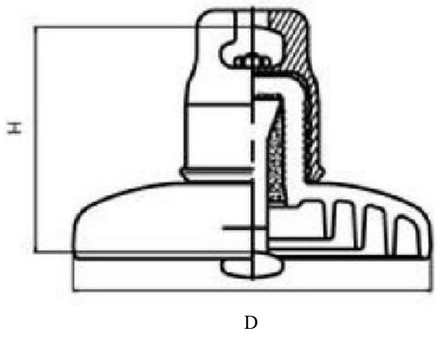
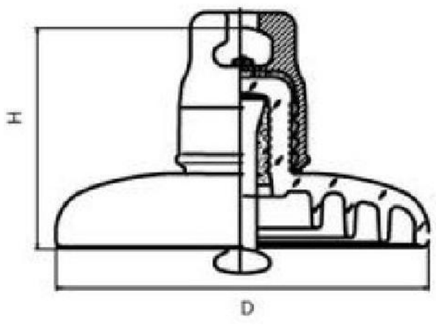


图 片 3



LXP-120

标准型盘形悬式玻璃绝缘子主要技术参数

The parameters for Standard Type Toughened Glass Suspension Insulator

通用代号	绝缘子型号	图号	公称直径 D (mm)	结构高度 H (mm)	公称爬电距离L (mm)	连接标记	机械破坏负荷 (KN)	逐个拉伸破坏负荷 (KN)	工频湿耐受电压 (KV)	雷电冲击耐受电压 (KV)	冲击击空电压 (PU)	工频击穿电压 (KV)	无线电干扰电压 (UV)	可见电晕测试脚帽 (KV)	工频电弧试验	绝缘子单片净重 (KG)
IEC designation	designation	Drawing number	Diameter D (mm)	Spacing H (mm)	Creepage distance L (mm)	Size of coupling	Mechanical faiing load (KN)	Mechanical Routine test (KN)	power frequency withstand voltage(wet) (KV)	Lighting impulse withstand voltage (dry) (KV)	Impulse puncture voltage (PU)	Power frequency puncture voltage (KV)	Radio interference voltage 10KV,1MHZ) (UV)	Corona test (cap&pin) (KV)	Power frequency electric arc test	Net weight per unit (Kg)
U40B/110	LXP-40	1	175	110	190	11	40	20	25	50	2.8	90	50	18/22	0.12s/20kA	2.1
U70B/140	LXP3-70	1	255	140	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.6
U70B/146	LXP-70	1	255	146	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.6
U70BS/127	LXP2-70	1	255	127	320	16	70	35	40	105	2.8	130	50	18/22	0.12s/20kA	3.5
U100B/146	LXP-100	1	255	146	320	16	100	50	40	105	2.8	130	50	18/22	0.12s/20kA	4
U100B/127	LXP2-100	1	255	127	320	16	100	50	40	105	2.8	130	50	18/22	0.12s/20kA	4
U120B/146	LXP-120	1	255	146	320	16	120	60	40	105	2.8	130	50	18/22	0.12s/20kA	4
U120BS/127	LXP2-120	1	255	127	320	16	120	60	40	105	2.8	130	50	18/22	0.12s/20kA	4
U160B/170	LXP-160	1	280	170	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.7
U160B/155	LXP3-160	1	280	155	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.6
U160BS/146	LXP4-160	1	280	146	400	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	6.5
U210B/170	LXP3-210	1	280	170	400	20	210	105	45	110	2.8	130	50	18/22	0.12s/20kA	7.2
	LXP2-210	1	280	170	450	20	210	105	50	125	2.8	130	50	18/22	0.12s/20kA	7.3
U240B/170	LXP-240	2	280	170	400	20	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	7.2
	LXP1-240	2	280	170	400	24	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	7.5
	LXP2-240	2	280	170	450	24	240	120	50	125	2.8	130	50	18/22	0.12s/20kA	7.6
U300B/195	LXP3-300	3	320	195	485	24	300	150	50	130	2.8	130	50	18/22	0.12s/20kA	10.6
U420B/205	LXP-420(400)	3	360	205	550	28	420(400)	210(200)	50	140	2.8	130	50	18/22	0.12s/20kA	16
U550B/240	LXP-550(530)	3	380	240	620	32	550(530)	275(265)	55	140	2.8	130	50	18/22	0.12s/20kA	21.5
U760B/280	LXP-760	3	390	240	710	32	760	380	55	140	2.8	130	50	18/22	0.12s/20kA	23.2
U900B/280	LXP-900	3	410	280	720	36	900	450	55	140	2.8	130	50	18/22	0.12s/20kA	28

Insulators with specific protection against corrosion are also available
(1)In accordance with IEC publication 60305
(2)In accordance with IEC publication 60120
(3)In accordance with IEC publication 60383-1

大盘径 LONG CREEPAGE DISTANCE

大盘径盘形悬式玻璃绝缘子

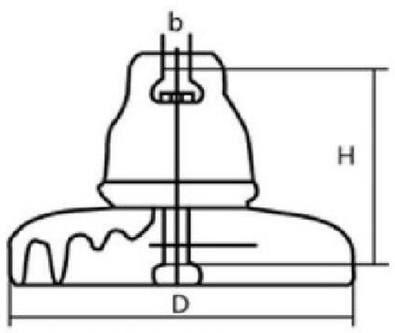
Toughened Glass Suspension Insulator of Long Creepage Distance

盘型绝缘子的性能

Cap and Pin Insulator's Properties

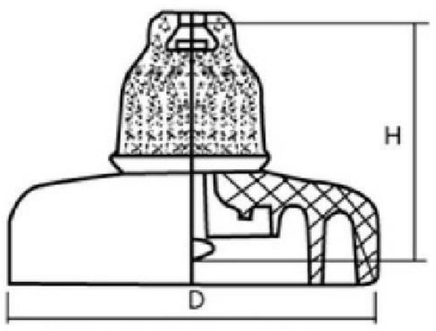
盘型绝缘子已安全运行100多年了，在20世纪70年代前，我国生产的盘型瓷绝缘子 基本采用盘径φ254mm,爬电距离290mm或盘径φ255mm, 爬电距离300mm 普通型，它的伞盘边缘棱与其他数个伞棱几乎在同 一 平面上，其下表面伞棱面空气动 力涡流区小，即风吹雨冲刷自洁性能良好，特别是钢脚露出下伞盘距离较长，在劣化片更换或带电作业更换摘开方便，得到了电力部门的认可；

The cap and pin type insulator has been operating safely for more than a century.Before 1970s,the Cap and pin insulators produced in China were mainly Φ 254mm in diameter,having a creepage Length of 290mm, or Φ 254mm in diameter , having a creepage length of 300mm. This common insulator Type located all its cap rims on the same plane and had a small aerody - namic vortex there-under , thus Exposed was longer under the cap and therefore convenient in replacing any deteriorated piece or in part replacement and removal during live working and was widely accepted across the power sector.



瓷普通型XP-X 系列

XP-X Porcelain Common Type Series



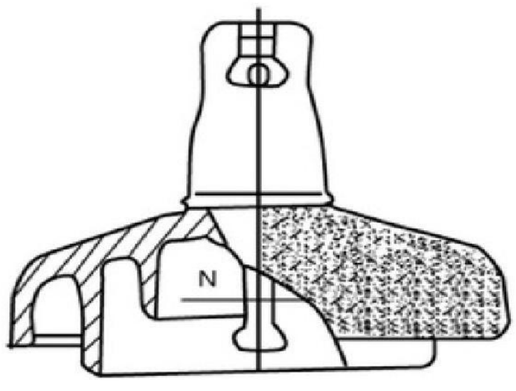
瓷钟罩型XHP-X 系列

XHP-X Porcelain Bell-shape Series

随着环境污染和330kV 、500kV 线路的建设，需要160kN 及以上机械强度的绝缘子，绝缘子生产厂家推出了盘径φ270mm、爬电距离400mm或盘径φ 280mm、爬电距离450mm 标准型绝缘子，同时许多厂家为电网防污要求，在φ254mm 或φ 255mm盘径的基础上，生产出爬电距离400mm 和爬电距离450mm 防污型绝缘子，

With environmental pollution and the construction of 330kv and 500kv power lines, insulators of 160kN or above mechanical strength were required. Manufacturers then developed Dia,Φ270mm, Creepage Length 400mm creepage length or Dia,Φ280mm, Creepage Length 450mm standard Insulators.In the meantime,to meet with the power grid anti-pollution requirement,many manufacturers also produced Creepage Length 400mm and 450mm anti-pollution insulators on Their Φ254mm or Φ255mm diameter basis,

70kN-120kN



玻璃钟罩深棱型LXHY-X系 列

LXHY-X70kN-120kN Glass Bell Type Deep Under-rib Series

也就是目前的钟罩深棱防污型，属伞槽多而深，特别是伞盘边缘的第二伞棱远长过 内伞棱，有的伞盘是内伞棱也很高，虽然是爬电距离增大了，其伞盘下表面的空气 动力涡流被锁围在高伞棱区域内，即运行中风吹雨冲刷的自洁性能较差，此类绝缘 子无论是使用悬垂串还是耐张水平串，均没有普通绝缘子自洁性能好。另外绝缘子 钢脚凹陷在伞棱平面内，在劣化更换或带电作业更换时钢脚、钢帽连接摘开较难， 有时更换摘开中钢帽撞击内伞棱而将良好绝缘子损坏。此类防污型绝缘子看似几何 爬电距离大了，但使用在运行线路上，如90年代或2000年期间，为防止输电线路 污闪事故，许多线路均将普通型更换为此类防污效果较差的钟罩深棱防污型绝缘子 后(部分线路更换成复合绝缘子)，由于实际有效污耐压值较差，仍然发生过多条次线路污闪跳闸事故，另外90年代生产厂家又生产出160kN 等级盘径φ320mm,爬电距离550mm的防污型绝缘子，仍属于防污型即伞棱较高的产品，风吹雨冲刷效果较差。

This is currently the bell-shape,deep under-rib,anti-pollution insulator,which has multiple deep cap Shed grooves and whose second under-rib is far higher than internal under-ribs,Some cap also has higher internal under-rib;in this case,though the creepage length is increased,the aerodynamic vortex there-under is locked inside the space formed by the higher under-rib.However,this feature deteriorates the self-cleaning property of the insulator during operation,and performs poor compared with common insulators when being used in the vertical string or the horizontal strain insulator string.What's more,the steel leg is depressed within the under-rib plane,and therefore is harder to be connected with or removed from the steel cap during deteriorated piece replacement or living working.In some circumstances,a good insulator will be damaged during the replacement or removal as the steel cap may hit the under-rib.Though this type of anti-pollution insulator seems to have a longer geometric creepage distance,transmission line trip by pollution flashover is still the problem when the insulator is used on the working line;for example,during 1990s and 2000,many transmission lines replaced their common insulators with this type(while some others use composite insulator) and soon suffered from frequent pollution-flashover-incurred trips due to poor pollution withstand voltage in reality.Moreover,in 1990s,manufacturers also produced the 160kN,Dia, Φ 320mm,Creepage Length 550mm anti-pollution insulators,which also fall into the pollution-proof,deep under-rib category and is poor in self-cleaning against wing and rain erosion.

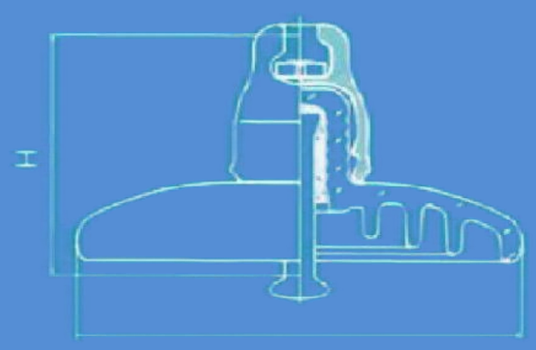
外伞棱远高于其它伞棱的防污深棱型

External under-rib is far deeper than other under-ribs

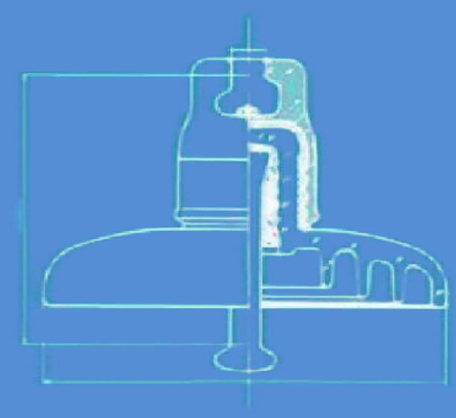
防污深棱型

Anti-pollution Deep Under-rib Type

图 片 4



图片5



为此电力行业标委会颁发了DL/T1122《架空输电线路外绝缘配置技术导则》规定出：统一爬电比距与其有效系数K，　如普通型、空气动力型、双伞型K为 1.0;钟罩防污、钟罩深棱型在不同污秽区的k为0.8或0.9。线路外绝缘绝缘子串的泄漏比距要换算为有效泄漏比距。

沈太公司根据原普通盘型绝缘子风吹雨冲刷自洁性能佳，相同爬电距离下污耐压效果好，运行单位更换方便的实际和满足DL/T1122 的有效系数K，开发出 70kN、100kN、120kN盘径φ320mm、爬电距离490mm;160kN、210kN、240kN盘径φ360mm、　爬电距离550mm 的大爬距普通型绝缘子，它的风吹雨冲刷自洁性能等同原普通型，有效耐污性能高，停电更换或带电作业更换摘开钢脚、钢帽连接方便，得到了线路运行单位的青睐。特别是70kN-120kN 等级，其爬电距离比同等级防污型的大，110kV-330kV 电压等级线路，若按相应电压等级的复合绝缘子结构高度来配置大盘径普通型玻璃绝缘子，其有效泄漏比距远大于严重污秽区的污秽等级，同时提高了线路的耐雷水平。可取消目前不合理大面积使用复合绝缘子的弊端，免除运行8-10年后更换淘汰工作量

For this reason,the Standardization Administration of Power Industry prepared and published DL/T 1122 Technical Guide Rules for External Insulation Configuration of Suspended Transmission Lines,which stipulates the unified specific creepage distance and its effective coefficient K that is 1.0 for common,aerodynamic and double-shed insulators,0.8 or 0.9 for bell-shape anti-pollution insulators and bell-shape deep under-rib insulators in the different areas.In such case,the specific leakage distance of the insulator string for transmission line external insulation has to be converted into the effective specific leakage distance.

Insulators developed by Ruitai from the initial common cap and pin design feature good self-cleaning performance against wind and rain erosion,better pollution withstand voltage over the same creepage distance,and easy replacement by the operating companies. Based upon the compliance with actual requirements and the effective coeficient K as specified in DL/T 1122,Ruitai developed 70 KN,100kN,and 120kN Dia.Q320mm, Creepage Length 490mm common insulators as well as 160kN,210kN and 240kN Dia.① 360mm,Creepage Length 550mm large common insulators,whose self-cleaning performance against wind and rain erosion is equivalent to that of the initial common insulators and which features a higher effective pollution proof property and convenient replacement and removal of connected steel leg and cap during power off or live working. Thus these insulators are widely accepted by transmission line operating companies.In particular,the 70kN~120kN insulators have a longer creepage length relative to the same-rating anti-pollution types.For 110kV-330kV lines,the effective specific leakage distance is far father than that of pollution-level insulators in severely polluted areas if a large-diameter common glass insulator is constructed to the height of the composite insulator with the corresponding voltage rating.This advantage eliminates the drawback of using composite insulators over a large area in an unreasonable manner and avoids the replace-ment and upgrading of numerous composite insulators after 8-10 years of running.

120KN盘径Φ320mm爬电距离490mm

120KN Dia,Φ320mm，Creepage Length 490mm Insulator

大盘径盘形悬式玻璃绝缘子主要技术参数

The parameters for Long Creepage Distance of Toughened Glass Suspension Insulator

通用代号	绝缘子型号	图号	公称直径 D	结构高度 H	公称爬电距离L	链接标记	机械破坏负荷 (KN)	逐个拉伸破坏负荷 (KN)	工频湿耐受电压 (KV)	雷电冲击耐受电压 (KV)	冲击击空电压 (PU)	工频击穿电压 (KV)	无线电干扰电压 (UV)	可见电晕测试脚/帽 (KV)	工频电弧试验	绝缘子单片净重 (KG)
			mm													
IEC designation	Designation	Drawing number	Diameter D	Spacing H	Creepage distance L	Size of coupling	Mechanical tailing load (KN)	Mechanical Routine test (KN)	Power frequency withstand Voltage(wet) (KV)	Lighting Impulse Withstand Voltage (dry) (KV)	Impulse Puncture voltage (PU)	Power frequency puncture voltage (KV)	Radio interference voltage (10KV,1NHz) (UV)	Corona test (cap&pin) (KV)	Power frequency electric arc test	Net weight per unit (KG)
			(mm)													
U70B/146	LXP6-70	4	320	146	500	16	70	35	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U100B/146	LXP6-100	4	320	146	500	16	100	50	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U120B/146	LXP6-120	4	320	146	500	16	120	60	40	100	2.8	130	50	18/22	0.12s/20kA	5.9
U160B/155	LXP6-160	5	360	155	550	20	160	80	45	110	2.8	130	50	18/22	0.12s/20kA	10.1
U210B/170	LXP6-210	5	360	170	550	20	210	105	45	110	2.8	130	50	18/22	0.12s/20kA	10.1
U240B/170	LXP6-240	5	360	170	550	24	240	120	45	110	2.8	130	50	18/22	0.12s/20kA	10.2

Insulators with specific protection against corrosion are also available
(1)In accordance with IEC publication 60305
(2)In accordance with IEC publication 60120
(3)In accordance with IEC publication 60383-1

耐污型系列 ANTIFOG TYPE

耐污型盘形悬式玻璃绝缘子
toughened glass suspension insulator of antifog type

图 片 6

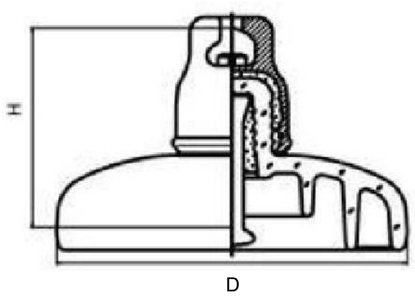


图 片 7

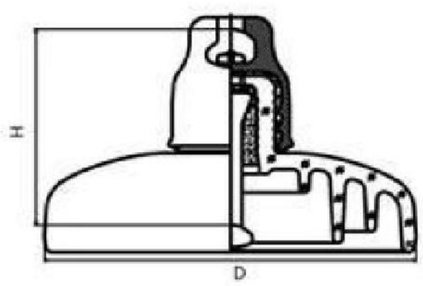
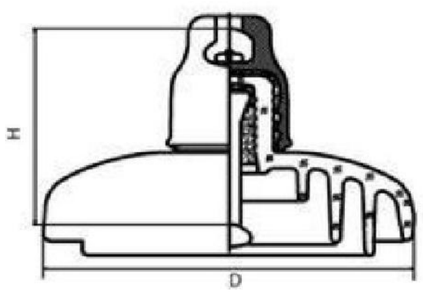


图 片 8



LXHP-70

耐污型盘形悬式玻璃绝缘子主要技术参数

The parameters for antifog Type Toughened Glass Suspension Insulator

通用代号	绝缘子型号	图号	公称直径 D (mm)	结构高度 H (mm)	公称爬电距离L (mm)	连接标记	机械破坏负荷 (KN)	逐个拉伸破坏负荷 (KN)	工频湿耐受电压 (KV)	雷电冲击耐受电压 (KV)	冲击击空电压 (PU)	工频击穿电压 (KV)	无线电干扰电压 (UV)	可见电晕测试脚帽 (KV)	工频电弧试验	绝缘子单片净重 (KG)
IEC designation	designation	Drawing number	Diameter D (mm)	Spacing H (mm)	Creepage distance L (mm)	Size of coupling	Mechanical faiing load (KN)	Mechanical Routine test (KN)	power frequency withstand voltage(wet) (KV)	Lighting impulse withstand voltage (dry) (KV)	Impulse puncture voltage (PU)	Power frequency puncture voltage (KV)	Radio interference voltage 10KV,1MHZ) (UV)	Corona test (cap&pin) (KV)	Power frequency electric arc test	Net weight per unit (Kg)
U70BP/146H	LXHP4-70	6	255	146	400	16	70	35	45	110	2.8	130	50	18/22	0.12s/20kA	4.6
	LXHP5-70	6	280	146	450	16	70	35	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-70	6	320	146	550	16	70	35	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
U100BP/146H	LXHP3-100	6	255	146	400	16	100	50	45	110	2.8	130	50	18/22	0.12s/20kA	5.4
	LXHP4-100	6	280	146	450	16	100	50	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-100	6	320	146	550	16	100	50	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
U120BP/146H	LXHP3-120	6	255	146	400	16	120	60	45	110	2.8	130	50	18/22	0.12s/20kA	5.4
	LXHP4-120	6	280	146	450	16	120	60	50	125	2.8	130	50	18/22	0.12s/20kA	5.8
	LXHP6-120	6	320	146	550	16	120	60	55	140	2.8	130	50	18/22	0.12s/20kA	9.2
U160BP/155H	LXHP3-160	6	280	155	450	20	160	80	50	125	2.8	130	50	18/22	0.12s/20kA	7.1
	LXHP6-160	6	320	155	550	20	160	80	55	140	2.8	130	50	18/22	0.12s/20kA	9.5
U160BP/170H	LXHP4-160	6	280	170	450	20	160	80	50	125	2.8	130	50	18/22	0.12s/20kA	7.2
	LXHP5-160	6	320	170	550	20	160	80	55	140	2.8	130	50	18/22	0.12s/20kA	9.6
U210BP/170H	LXHP3-210	6	320	170	550	20	210	105	55	140	2.8	130	50	18/22	0.12s/20kA	10.2
U210BP/155H	LXHP4-210	6	320	155	550	20	210	105	55	140	2.8	130	50	18/22	0.12s/20kA	10.1
U240BP/170H	LXHP3-240	7	320	170	550	20	240	120	55	140	2.8	130	50	18/22	0.12s/20kA	10.2
	LXHP4-240	7	320	170	550	24	240	120	55	140	2.8	130	50	18/22	0.12s/20kA	10.4
U300BP/195H	LXHP-300	8	390	195	690	24	300	150	60	155	2.8	130	50	18/22	0.12s/20kA	15
	LXHP2-300	8	340	195	550	24	300	150	55	140	2.8	130	50	18/22	0.12s/20kA	12.5
	LXHP3-300	8	380	195	635	24	300	150	60	155	2.8	130	50	18/22	0.12s/20kA	14.5
U400BP/205	LXHP-400(420)/205	8	380	205	620	28	400(420)	200(210)	55	125	2.8	130	50	18/22	0.12s/20kA	15.2
U530BP/240	LXHP-530(550)/240	8	380	240	620	32	530(550)	265(275)	55	125	2.8	130	50	18/22	0.12s/20kA	21.5

Insulators with specific protection against corrosion are also available

(1)In accordance with IEC publication 60305

(2)In accordance with IEC publication 60120

(3)In accordance with IEC publication 60383-1

空气动力型系列 OPEN AIR PROFILE TYPE

空气动力型盘形悬式玻璃绝缘子

Toughened Glass Suspension Lnsulator of open air profile Type

图 片 9

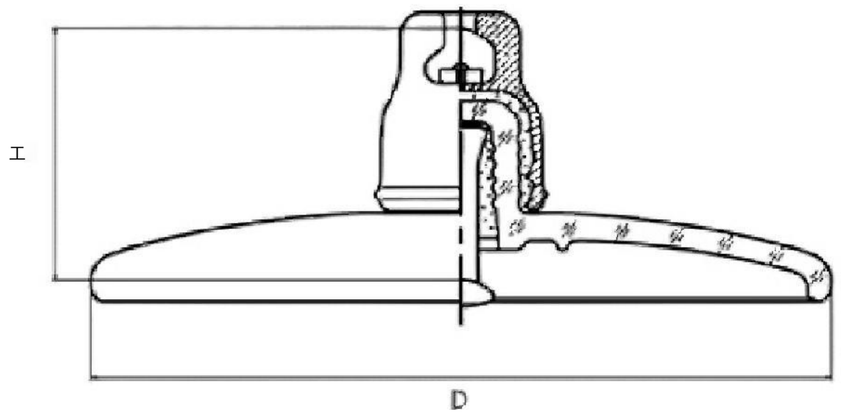
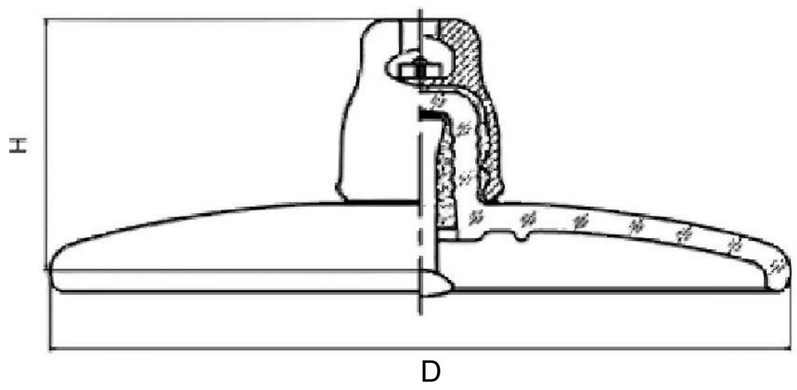


图 片 1 0



空气动力型盘形悬式玻璃绝缘子主要技术参数

The parameters for open air profile Toughened Glass Suspension Insulator

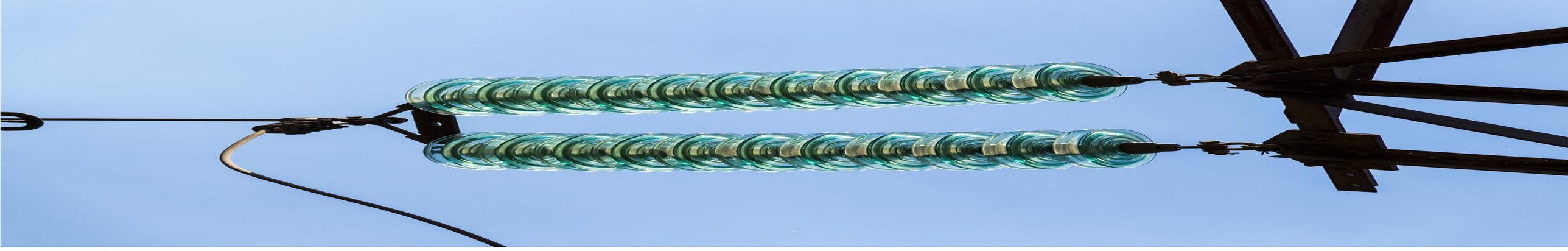
通用代号	绝缘子型号	图号	公称直径 D	结构高度 H	公称爬电距离L	连接标记	机械破坏负荷 (KN)	逐个拉伸破坏负荷 (KN)	工频湿耐受电压 (KV)	雷电冲击耐受电压 (KV)	冲击击空电压 (PU)	工频击穿电压 (KV)	无线电干扰电压 (UV)	可见电晕测试脚帽 (KV)	工频电弧试验	绝缘子单片净重 (KG)
			(mm)													
IEC designation	designation	Drawing number	Diameter D	Spacing H	Creepage distance L	Size of coupling	Mechanical failing load (KN)	Mechanical routine test (KN)	power frequency withstand voltage(wet) (KV)	Lighting impulse withstand voltage (dry) (KV)	Impulse puncture voltage (PU)	Power frequency puncture voltage (KV)	Radio interference voltage (10kV,1MHz) (UV)	Corona test (cap&pin) (KV)	Power frequency electric arc test	Net weight per unit (Kg)
			(mm)													
U70B/146M	LXAP-70	9	380	146	365	16	70	35	45	90	2.8	130	50	18/22	0.12s/20kA	5.3
U100BP/127M	LXAP-100	9	380	146	365	16	100	50	45	90	2.8	130	50	18/22	0.12s/20kA	5.2
U120BP/127M	LXAP1-120	9	380	127	365	16	120	60	45	90	2.8	130	50	18/22	0.12s/20kA	5.3
U120BP/146M	LXAP-120	9	380	146	365	16	120	60	45	90	2.8	130	50	18/22	0.12s/20kA	5.4
U160BP/146M	LXAP1-160	10	420	146	380	20	160	80	50	95	2.8	130	50	18/22	0.12s/20kA	7.2
U160BP/155M	LXAP-160	10	420	155	380	20	160	80	50	95	2.8	130	50	18/22	0.12s/20kA	7.2
U210BP/170M	LXAP-210	10	420	170	380	20	210	105	50	95	2.8	130	50	18/22	0.12s/20kA	7.3
U240BP/170M	LXAP-240	10	420	170	380	24	240	120	50	95	2.8	130	50	18/22	0.12s/20kA	7.5
U300BP/195M	LXAP-300	10	450	195	450	24	300	150	50	95	2.8	130	50	18/22	0.12s/20kA	10

Insulators with specific protection against corrosion are also available

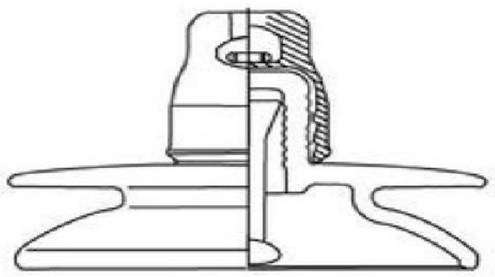
(1)In accordance with IEC publication 60305

(2)In accordance with IEC publication 60120

(3)In accordance with IEC publication 60383-1



图片11



LXWP-240

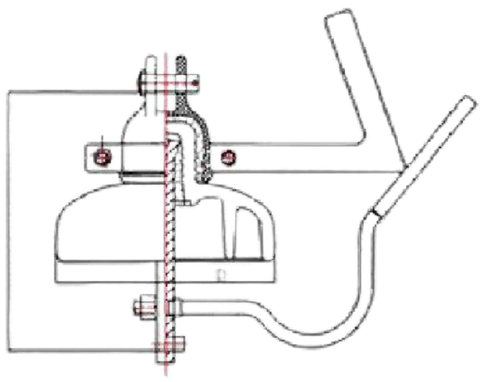
多伞型盘形悬式玻璃绝缘子主要技术参数

The parameters for multi-shells type Glass Suspension Insulator

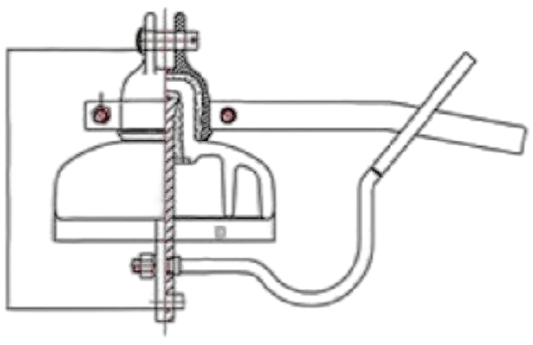
多伞型 MULTI-SHELLS TYPE

绝缘子型号	图号	机械破坏负荷（KN）	公称直径 D	结构高度 H	公称爬电距离L	链接标记	50%雷电冲击闪络电压（峰值）KV，不小于	工频电压（有效值）KV，不小于		绝缘子单片净重（KG）
			（mm）					1min湿闪络	击穿	
designation	Drawing number	Mechanical failing load(KN)	Diameter D	Spacing H	Creepage distance L	Size of coupling	50%Dry lighting impulse flashover voltage(peak) KV.not less than	Power frequency voltage(effetive value), not less than (KV)		Net weight per unit
			(mm)					1min wet flashover	Puncture	(Kg)
LXWP-160	11	160	310	146	450	20	110	45	120	9.2
LXWP1-160	11	160	310	155	450	20	110	45	120	9.3
LXWP2-160	11	160	310	170	450	20	110	45	120	9.4
LXWP-210	11	210	310	155	450	20	110	45	120	9.3
LXWP-(240)	11	240	310	170	450	20	110	45	120	9.5

图片12 H



图片13 H



LXDP-70/100

地线型盘形悬式玻璃绝缘子主要技术参数

The parameters for the earthwire type toughed glass suspension insulator

线型 EARTHWIRE TYPE

通用代号	绝缘子型号	图号	公称直径 D	结构高度 H	公称爬电距离L	机械破坏负荷（KN）	工频击穿电压(KV)	20mm间隙工频放电电压(KA)		15mm间隙2500V息弧能力（KA）		电极耐弧能力（不小于）工频电流（KA）	电极耐弧能力（不小于）时间（S）	耐张能力（不小于）次数	绝缘子单片净重（KG）
			（mm）					上限值	下限值	感性电流	容性电流				
IEC designation	designation	Drawing number	Diameter D	Spacing H	Creepage distance L	Mechanical failing load (KN)	Power frequency puncture voltage (KV)	Power frequency Discharge voltage with 20mm gap distance (KA)		Extinguished arc current at power frequency refresh voltage 2500V,with 15mm gap distance (KA)		Electrode performance of withstand arc current (power frequency current)(KA)	Electrode performance of withstand arc current(time) (s)	Electrode performance of withstand arc current (Frequency)	Net weight Per unit
			(mm)					Max	Min	Inductance current	Capacitance current				(Kg)
U70C/200	LXDP-70C	12	200	210	220	70	130	30	8	35	20	10	0.2	2	4.5
U70CN/200	LXDP-70CN	13	200	210	220	70	130	30	8	35	20	10	0.2	2	4.5
U100C/200	LXDP-100C	12	200	210	220	100	130	30	8	35	20	10	0.2	2	4.5
U100CN/200	LXDP-100CN	13	200	210	220	100	130	30	8	35	20	10	0.2	2	4.5

Insulators with specific protection against corrosion are also available

(1)In accordance with IEC publication 60305

(2)In accordance with IEC publication 60120

(3)In accordance with IEC publication 60383-1

直流型系列 DIRECT CURRENT TYPE

直流型盘形悬式玻璃绝缘子

Toughened Glass Suspension Lnsulator of DC Type

LXZY-160

LXAP-550

图 片 1 4

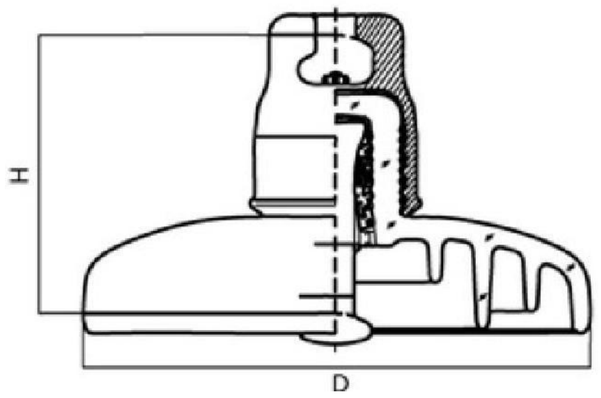
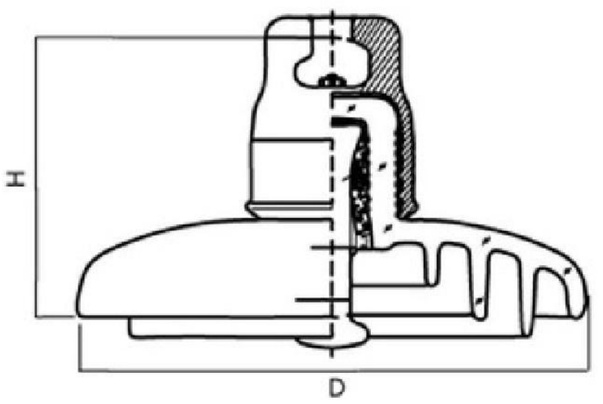


图 片 1 5



直流型盘形悬式玻璃绝缘子主要技术参数

The parameters for DC Toughened Glass Suspension Insulator

通用代号	绝缘子型号	图号	机械破坏负荷 (KN)	逐个拉伸破坏负荷 (KN)	公称直径 D	结构高度 H	公称爬电距离L	连接标记	雷电全波冲击干耐受电压(5片)(≥KV)	正极性直流 干(湿)耐受电压(≥KV)	SF6击穿耐受电压(≥KV)	绝缘子单片净重 (KG)
IEC designation	designation	Drawing number	Mechanical failing load (KN)	Mechanical routine test (KN)	Diameter D	Spacing H	Creepage distance L	Size of coupling	Dry lighting impulse all wave withstand voltage (5pcs)(≥KV)	Anodic dc dry (wet)withstand voltage (≥KV)	SF6 puncture withstand voltage (≥KV)	Net weight per unit (Kg)
					(mm)							
	LXZY-160	14	160	80	320	170	550	20	550	140(55)	210	9.5
U210BP/190T	LXZY-210	14	210	105	320	170	550	20	550	140(55)	210	10.2
	LXZY-240	14	240	120	320	170	550	24	550	140(55)	210	10.4
U300BP/195T	LXZY-300	14	300	150	380	195	635	24	610	150(60)	225	14.5
U300BP/195H	LXZY1-300	14	300	150	400	195	710	24	610	150(60)	225	15
	LXZY2-300	14	300	150	340	195	550	24	580	140(55)	210	12.5
	LXZY-400(420)	15	400(420)	200(210)	360	205	550	28	505	150(65)	225	14.5
	LXZY1-400(420)	15	400(420)	200(210)	380	205	620	28	505	150(65)	225	15.2
U550BP/240H	LXZY-530(550)	15	530(550)	265(275)	380	240	640	32	535	160(70)	225	21.5
	LXZY-760	15	760	380	390	240	710	32	535	160(70)	225	24
	LXZY-900	15	900	450	410	280	720	36	535	160(70)	225	29

Insulators with specific protection against corrosion are also available

(1)In accordance with IEC publication 60305

(2)In accordance with IEC publication 60120

(3)In accordance with IEC publication 60383-1

直流型钢化玻璃绝缘子的型号说明：

The model explanation of DC Toughened Glass Insulator

LXZ Y □-□

额定机械破坏负荷值， Mechanical failing load(KN)
设计顺序号 Design number 1.2.3.……
圆柱头结构 Structure of head
直流型盘形悬式玻璃绝缘子 DC Toughened Glass Insulator

交流型钢化玻璃绝缘子的型号说明：

The model explanation of AC Toughened Glass Insulator

LX □ P □-□

额定机械破坏负荷值，The mechanical failing load(KN)
设计顺序号The design number1.2.3,……
结构盘形 The disc structure
伞形结构：Shell structure:
H 代表钟罩伞。for bell jar shell,
D 代表地线型 for the earthwire type
A 代表空气动力型， for open air profile
Q 代表球面型 for Spherical type
W 代表双伞、三伞型 represent of double shells or three shells type
无上述代号则为标准型 Others for Standard Type

悬式玻璃绝缘子 Toughened Glass Suspension lnsulator