

外形尺寸 Dimensions-

(IEC60305,GB/T 7253)

结构高度/Spacing(P)	146mm±4.7
盘径/Diameter of shell(D)	280mm±12.7
公称爬电距离/Nominal creepage distance	450mm±19.5
重量/Net weight (Approximate)	5.5kg
连接标记/Coupling size-(IEC60120,GB/T 4056)	16R

机械性能 Mechanical Performance-

(IEC60383,GB/T 1001)

机械破坏负荷/Mechanical failing load	120kN
常规测试负荷/Routine test load	60kN
打击强度/Mechanical impact strength-(ANSI C29.1)	45N·m

电气性能 Electrical Performance-

(IEC60383,GB/T 1001)

雷电冲击耐受电压(±)/Lighting impulse withstand voltage	125kV
工频干耐受电压/Power frequency withstand voltage , dry	80kV
工频湿耐受电压/Power frequency withstand voltage , wet	50kV
工频击穿电压/Power frequency puncture voltage	130kV
----ANSI C29-2----	-
工频击穿电压/Low frequency puncture	130kV
工频干闪络电压/Low frequency flashover dry	100kV
工频湿闪络电压/Low frequency flashover wet	60kV
临界冲击闪络(+)/Critical impulse flashover	140kV
临界冲击闪络(-)/Critical impulse flashover	140kV
无线电干扰/Radio interference voltage	(10kV/1MHz) , ≤50μV

其他/Others

铁帽上的标记/Mark on the cap

-机械破坏负荷

Mechanical failing load

-年份标记

Year of the manufacture

-厂家标记

Trade mark of the manufacture HL

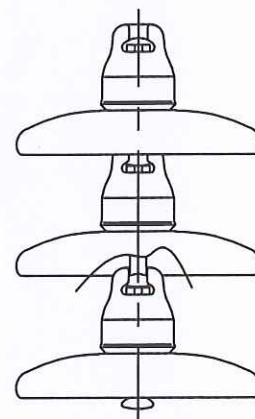
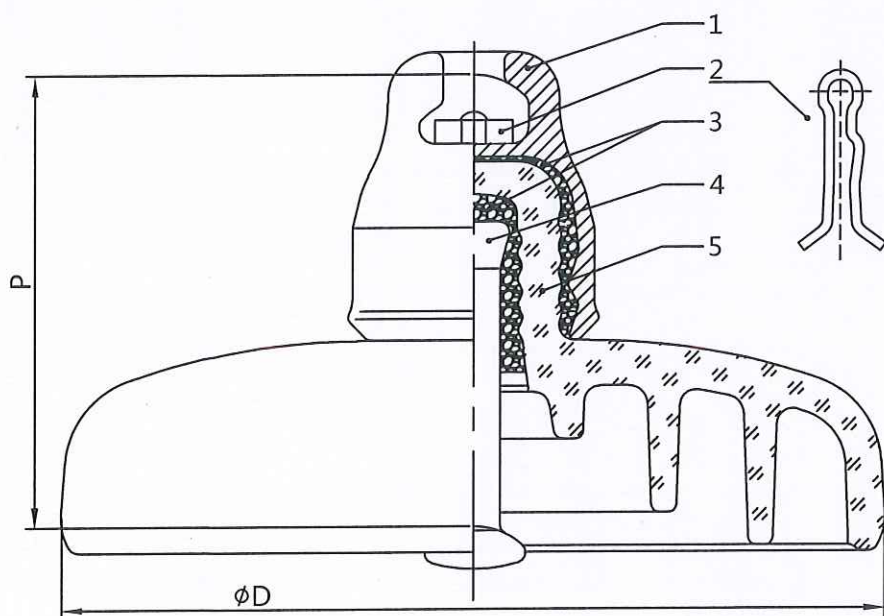
平均锌层厚度/Zinc thickness

-全部样品平均值 > 86μm

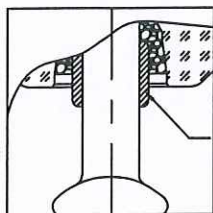
Average for all sample

-单个样品平均值 > 72μm

Average for one sample



挂接示意图
Connect drawing



锌套
Sacrificial sleeve
> 99.8% Zinc

5	玻璃件/Glass Part	钢化玻璃/Toughened Glass
4	钢脚/Pin	锻钢, 热镀锌/Forged Steel, HDG
3	胶合剂/Cement	铝酸盐水泥/Aluminate Cement
2	锁紧销/Cotter Key	不锈钢/Stainless Steel
1	铁帽/Cap	铸铁, 热镀锌/Cast Iron, HDG
No.	组件/Component	材料/Component

U120BP/146 钢化玻璃绝缘子 Toughened Glass Insulator		设计 Design	纪之云	山东瑞泰玻璃绝缘子有限公司 Shandong Ruitai Glass Insulator Co.,Ltd	
		审核 Check	胡明超		
比例 Scale	未按比例 Not to scale	批准 Confirm	石宇奇	日期 Date	2021.5.17
				120-146-450-16ARX	