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强联电瓷

江西强联电瓷股份有限公司

**QIANG LIAN**

Jiangxi Qianglian Electric Porcelain CO.,Ltd





## 直流盘形悬式瓷绝缘子 DC Disc Suspension Porcelain Insulator

直流盘形悬式瓷绝缘子用于超高压直流输电线路绝缘和固定导线。产品结构造型合理，适用于苛刻的污秽条件；瓷质具有优越的直流抗老化性能；钢脚铸有锌套能防直流电化腐蚀；产品主要机电性能已达到国际先进水平。

DC disc suspension porcelain insulators are used on HVDC transmission lines to support and insulate conductors. The insulators can be used in heavy polluted areas with reasonable shed profile design. The porcelain material has superior characteristics to resist DC ageing, and pins with zinc sleeve can prevent DC electrolytic corrosion. The main E&M performance has reached international advanced level.

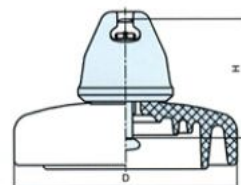


图1 Fig 1

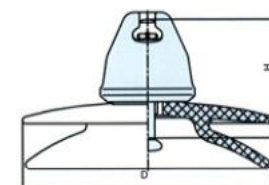


图2 Fig 2

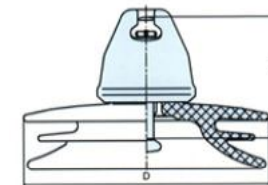


图3 Fig 3

产品型号 Type	绝缘子等级 Class IEC	图号 Figure No	结构高度 Unit spacing (H) mm	公称直径 Nominal diameter (D) mm	公称爬电距离 Nominal creepage distance (L) mm	连接标记 Coupling size	额定机电破坏负荷 Rated E & M failing load Kn	例行拉伸负荷 Routine tensile load Kn	打击负荷 Impact load N·m	直流耐受电压 D. C. withstand voltage		雷电全波冲击耐受电压 Dry lightning impulse withstand voltage KV		SF6击穿耐受电压 SF6 puncture withstand voltage	产品质量 Unit mass
										湿Wet KV	干Dry KV	正 +KV	负 -KV		
XZP-160	U160BL	1	170	320	545	20R	160	80	10	55	140	140	150	210	13.2
XZP-210	U210B	1	170	320	545	20R	210	105	10	55	140	140	150	210	13.6
XZP1-300	U300B	1	195	400	635	24R	300	150	10	60	150	150	160	225	20.8
XZP2-300	U300B	1	195	340	570	24R	300	150	10	55	140	140	150	210	17.4
XZP1-400	U400B	1	205	340	545	28R	400	200	10	55	140	140	150	210	19.1
XZP2-420	U420B	1	205	400	650	28R	420	210	10	60	150	150	160	225	24.0
XZP-550	U550B	1	240	400	700	32R	550	275	10	60	150	150	160	225	30.3
XZWP-160	U160BL	2	170	360	545	20R	160	80	-	55	140	140	150	210	12.4
XZWP-210	U210B	2	170	360	545	20R	210	105	-	55	140	140	150	210	13.8
XZWP-300	U300B	2	195	360	545	24R	300	150	-	55	140	140	150	210	16.3
XZWP1-420	U420B	2	205	400	615	28R	420	210	-	60	150	150	160	225	22.4
XZSP-160	U160BL	3	170	340	545	20R	160	80	-	55	140	140	150	210	12.1
XZSP-210	U210B	3	170	340	545	20R	210	105	-	55	140	140	150	210	14.1
XZSP-300	U300B	3	195	400	635	24R	300	150	-	60	150	150	160	225	20.5
XZSP1-420	U420B	3	205	400	650	28R	420	210	-	60	150	150	160	225	23.0
XZSP1-550	U550B	3	240	400	650	32R	550	275	-	60	150	150	160	225	28.3



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## Jiangxi Qianglian Electric Porcelain CO.,Ltd 公司概况 Company profile

江西强联电瓷股份有限公司位于江西省百年电瓷生产历史的萍乡市萍溪电瓷工业城，是江西省电瓷行业龙头企业，同时也是国内少数几家使用冷等静压技术生产超（特）高压棒形瓷绝缘子企业之一。

2011年，公司引进战略合作伙伴—上市公司浙江金利华电气股份有限公司对公司进行合作经营，在资源整合的基础上，充实了公司的技术力量，加大了对产品研发的投入，提升了公司的综合实力。

公司严格执行国际电工委员会（IEC）标准和中国、美国、英国、澳大利亚等标准，专业生产超（特）高压输电线路和电站用的高质量、高强度、高可靠性的瓷绝缘子。主要产品有：110kV—1100kV耐污型户外棒形支柱瓷绝缘子；70—550kN交直流盘形悬式瓷绝缘子。

强联公司在成功运用冷等静压干法成型技术研发生产超（特）高压110kV—1100kV系列耐污型户外棒形支柱瓷绝缘子产品的基础上，又创新开发了高速电气化铁路接触网用“自洁式、高强度、轻型”瓷绝缘子产品，该产品是目前我国唯一用冷等静压技术生产的绝缘子。

公司所生产的产品，已分别通过江西省科技厅、国家铁道部和中国电力企业联合会的产品技术鉴定。220kV—550kV系列棒形产品性能均达到国内领先、国际先进水平。获得江西省自主创新产品和优秀科技新产品证书及国家发明专利。其中550kV系列耐污型户外棒形支柱瓷绝缘子产品，被国家科技部等四部委认定为“国家重点新产品”，同时被萍乡市科技局和江西省科技厅评选为科技进步一等奖和三等奖。

公司经省科技厅批准，注册成立了江西省电瓷工程技术研究中心。强大的产品技术研发能力，是公司持续快速发展的核心竞争力。

2010年公司被省政府列入江西省创新型试点企业。

公司有完善的质量保障体系，并通过ISO9001：2008质量管理体系认证，其产品通过国家绝缘子避雷器质量监督检验中心的定型试验。公司引进了各种先进的检测测试技术和完整的测试设备：

- 1、原材料检验：矿物原料化验分析、瓷样全分析等；
- 2、机械性能试验：拉伸负荷试验、抗震试验、机电拉伸破坏负荷试验、热机械性能试验、抗弯抗扭试验等；
- 3、电气性能试验：雷电全波耐受电压试验、工频击穿实验、陡坡冲击试验、体积电阻试验、钠离子迁移试验、无线电干扰和可见电晕试验等；

公司拥有独立掌控生产强度高、分散性小、电压等级为110kV—1100kV、抗弯破坏负荷8kN—50kN、爬电比距2.0—3.1cm/kV各类棒形支柱瓷绝缘子产品所需技术。

公司在“十二五”期间，将规划建设具有公司特色的高电压等级棒形绝缘子与特高压线路绝缘子产品制造能力的现代化高新技术企业，为国家电网和高铁建设作出更大贡献。

Jiangxi Qianglian Electric Porcelain Joint-Stock Co. Ltd is located in Luxi electric Porcelain center, Pingxiang city—a century production base of electric ceramics in Jiangxi province. The company is the leading enterprises in Jiangxi electric porcelain industry. It is also one of enterprises in domestic China to apply technology of isostatic cool pressing to produce ultra-high voltage Solid-core and bushing insulator.

In 2011, the company formed strategic cooperative partnership with Listed Company— Zhejiang Jinlihua Electric Joint-Stock Limited Company (JLH), which enriched the technique strength, increased investment in research and development (R&D) of products and improved its overall strength.

Our company Specialized in the production of high quality, high strength, high reliability of the porcelain insulator for ultra-high transmission lines and substations. The main product is :110kV-1000kV outdoor anti-pollution rod post insulators:70-550kN AC&DC disc suspension porcelain insulators. The products accord with International Electro technical commission(IEC)standard, Chinese standard(GB), American standard(ANSI), Britain standard(BS)and Australian standard(AS)etc.

In the successful use of cold isostatic pressing molding technology R&D basis, the company innovated and developed a kind of "clean type, high strength, and light-weight" porcelain insulators for high-speed electrified railways use. This kind of product is the only insulator currently used by technology of isostatic cool pressing in China.

All products had respectively passed the technical appraisalment of JiangXi Science and Technology Bureau, The Chinese Ministry of Railways and China Electricity Council. 220kV-550kV series rod post insulators had reached the leading level in domestic and advanced level in international. It also won the independent innovation product certification, and the outstanding scientific and technological new product certification and national patent of invention. The 550kV series anti-pollution rod post insulators had been approved "National Key New Product" by Ministry of Science and Technology. It was named the first prize of scientific and technological progress of PingXiang Science and Technology Bureau and the third prize of Jiangxi Science and Technology Bureau.

The company registered Jiangxi province porcelain insulator engineering technology research center. Strong ability in R&D is the the core competitive power for rapid development of company.

The company was selected the innovation-based pilot enterprises by JiangXi province in 2010. The company, armed with sound quality assurance system, and had passed ISO9001:2008 quality management system authentication. All products have passed type test of National Insulator Arrester Inspection Center. The company introduced advanced test technology and complete test equipment.

1. raw material test: experiment analyzation of mineral raw materials, full analyzation of porcelain sample,
2. mechanical test: tension load test, vibration test, mechanical and electrical failing load, hot mechanical performance, bend and torque failing load test.
3. Electrical function test: full-wave lighting impulse voltage withstand, power frequency puncture voltage, steep incline impulse test, volume resistance, the flow of sodium test, radio influene voltage (RIV) and visible corona vottage test.

Our company is endowed with speciality technology of producing apparatus insulator, all kinds of long rod posts with high strength and low dispersion and voltage level of 110kV-1100kV, bending load of 8kN-50kN and specific distance of creepage of 2.0cm/kV-3.1cm/kV.

In the twelfth Five-Year Plans, the company will plan to produce high vooltaage class rod post insulators with characteristics of a company and become a high-tech enterprises with producing ultra-high voltage insulators. Will make more contributions for national grid and high-speed railway construction.

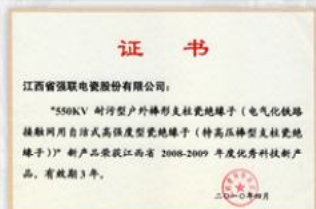
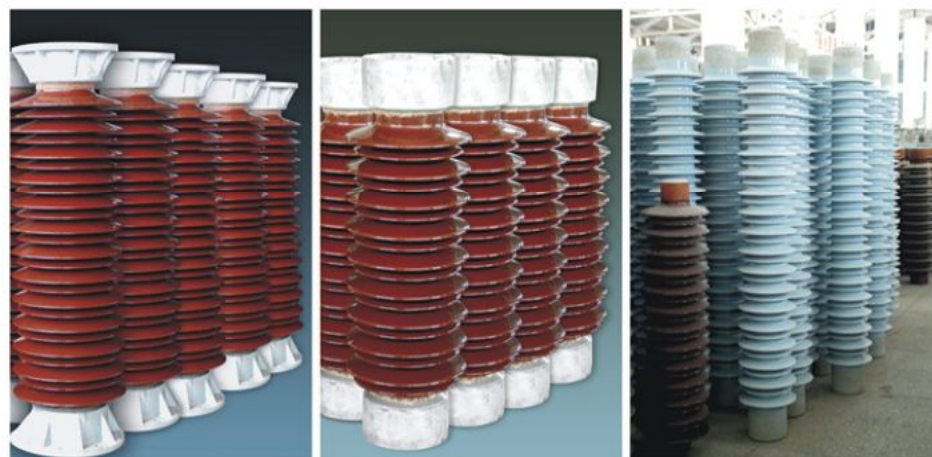




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### 户外棒形支柱瓷绝缘子 Outdoor bar Insulator



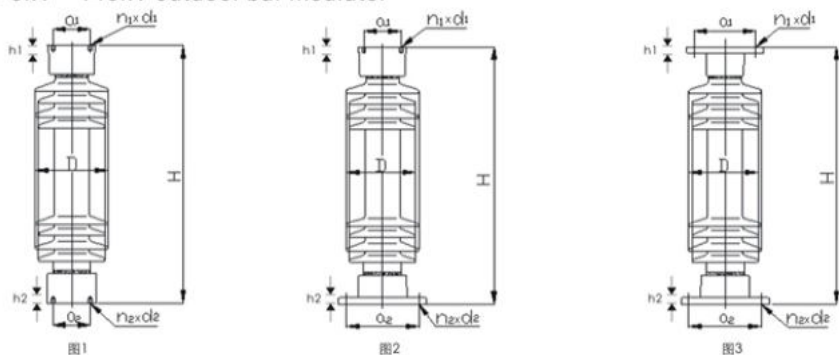


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## 40. 5kV~145kV 户外棒形支柱瓷绝缘子

40. 5kV ~ 145kV outdoor bar Insulator

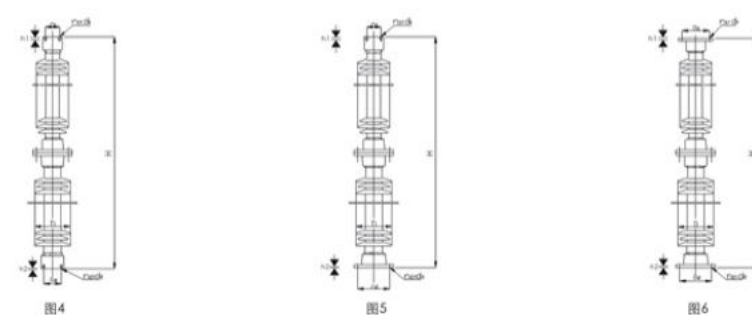


主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)						公称爬距	机械破坏负荷 (不小于)		伞数	重量 kg
				H	D	h1	h2	n1xd1-a1	n2xd2-a2		弯曲 kN	抗扭 kN.M		
11101	ZSW-126/6-3	2	126	1200	245	20	18	4XM12-φ140	4Xφ18-φ225	3132	6	6	13大12小	91
11101A	ZSW-126/6L-3	1	126	1200	245	20	20	4XM12-φ140	4XM12-φ140	3132	6	6	13大12小	91
11102	ZSW-126/6-4	2	126	1200	282	20	18	4XM12-φ140	4Xφ18-φ225	3906	6	6	12大12小	89
11103	ZSW-126/6-3	2	126	1200	250	20	18	4XM12-φ140	4Xφ18-φ225	3150	6	3	13大12小	93
11103a	ZSW-126/6K-3	3	126	1200	250	18	18	4Xφ18-φ225	4Xφ18-φ225	3150	6	3	13大12小	94
11103b	ZSW-126/6L-3	1	126	1200	250	20	20	4XM12-φ140	4XM12-φ140	3150	6	6	13大12小	90
11104	ZSW-126/30K-3	3	126	1200	310	28	25	8Xφ18-φ254	8Xφ18-φ254	3150	30	15	11大11小	140
11113	ZSW-145/8K-4	3	145	1500	294	18	20	4Xφ18-φ225	8Xφ18-φ254	4850	8	4	17大16小	150
11114	ZSW-145/30K-4	3	145	1400	310	22	22	8Xφ18-φ254	8Xφ18-φ275	4496	30	10	16大15小	140
11122	ZSW-72.5/30K-4	3	72.5	850	295	22	22	4Xφ18-φ275	8Xφ18-φ300	2250	30	10	8大8小	96
11123	ZSW-40.5/40-4	2	40.5	680	246	22	30	4Xφ18-φ250	4XM16-φ190	1300	40	20	7大7小	59
11123A	ZSW-40.5/40L-4	1	40.5	680	246	22	30	4XM16-φ140	4XM16-φ190	1300	40	20	7大7小	59
11133	ZSW-126/16K-4	3	126	1200	280	18	20	4Xφ18-φ225	8Xφ18-φ254	3906	16	8	14大13小	116
11140	ZSW-126/8L-3	1	126	1150	250	20	20	4XM12-φ140	4XM12-φ140	3150	8	2	13大12小	66
11141	ZSW-126/6L-4	1	126	1200	269	20	20	4XM12-φ140	4XM12-φ140	3906	6	2	14大13小	89
11143	ZSW-72.5/8-4	2	72.5	760	250	20	20	4XM12-φ140	4Xφ18-φ225	2250	8	4	8大7小	50
11144	ZSW-72.5/10-3	2	72.5	760	285	20	20	4XM12-φ140	4Xφ18-φ225	2250	10	4	8大7小	57
12207 (L)	ZSW-126/8K-3	3	126	1200	285	18	20	4Xφ18-φ225	8Xφ18-φ250	3150	8	6	12大11小	105
11148	ZSW-40.5/8-4	2	40.5	560	210	20	15	4XM12-φ140	4Xφ14-φ180	1300	8	4	7大6小	33
11149	ZSW-40.5/8L-4	3	40.5	550	210	20	20	4XM12-φ140	4XM12-φ140	1300	8	4	7大6小	32
11151	ZSW-126/8L-4	2	126	1200	262	20	20	4XM16-φ127	4XM16-φ127	3906	8	4	15大14小	78

## 252kV户外棒形支柱瓷绝缘子

252kV outdoor bar Insulator



主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)						公称爬距	机械破坏负荷 (不小于)		元件组成	重量 kg
				H	D	h1	h2	n1xd1-a1	n2xd2-a2		弯曲 kN	抗扭 kN.M		
11201	ZSW-252/20K-3	6	252	2400	340	22	20	8Xφ18-φ254	8Xφ18-φ300	6300	20	10	12201+12202	311
11202	ZSW-252/20K-4	6	252	2400	365	22	20	8Xφ18-φ254	8Xφ18-φ300	7812	20	10	12203+12204	330
11204A	ZSW-252/8-3	5	252	2400	285	26	20	4XM16-φ127	8Xφ18-φ250	6300	8	6	12207B+12208A	221
11204C	ZSW-252/8K-3	6	252	2400	285	26	20	4Xφ22-φ250	8Xφ18-φ280	6300	8	6	12207C+12208A	232
11205	ZSW-252/6-3	5	252	2300	280	20	20	4XM12-φ140	4Xφ18-φ250	6300	6	4	11101+12209	188
11206	ZSW-252/8-4	5	252	2300	307	26	20	4XM16-φ127	8Xφ18-φ250	7812	8	4	12210+12211	229
11207	ZSW-300/10-3	5	300	2300	270	26	20	4XM16-φ127	8Xφ18-φ275	6000	10	4	12212+12213	211
11209	ZSW-252/30K-4	6	252	2400	367	22	22	8Xφ18-φ254	8Xφ18-φ325	7812	30	10	12216+12217	381
11210	ZCW-252/N2-3	4	252	2400	240	22	22	4XM16-φ127	4XM16-φ127	6300	/	2	12218+12219	161
11212	ZSW-252/10-4	5	252	2400	307	26	20	4Xφ16-φ127	8Xφ18-φ250	7812	10	10	12221+12222	240
11213	ZSW-252/25K-3	6	252	2400	340	28	20	8Xφ18-φ254	8Xφ18-φ300	6300	25	10	11104+12239	329
11214	ZSW-252/16K-4	6	252	2400	340	20	20	4Xφ18-φ225	8Xφ18-φ275	7812	16	10	12220+12224	281
11218	ZSW-252/16K-3	6	252	2300	320	20	22	4Xφ18-φ225	8Xφ18-φ300	6300	16	10	12229+12230	275
11219	ZSW-252/30K-4	6	252	2400	350	22	22	8Xφ18-φ254	8Xφ18-φ325	7812	30	10	12246+12217	374
11220	ZSW-252/30K-4	6	252	2300	360	22	22	8Xφ18-φ254	8Xφ18-φ325	8050	30	10	12247+12248	395
11225	ZSW-252/6-3	5	252	2300	270	20	22	4XM12-φ140	4Xφ18-φ250	6300	6	3	12255+12256	177
11227	ZCW-252/N2-3	4	252	2400	240	20	20	4XM16-φ127	4XM16-φ127	6300	/	2	12265+12266	146
11242	ZCW-252/N2-4	4	252	2400	252	22	22	4XM16-φ127	4Xφ16-φ127	7812	/	2	12292+12293	153
11243	ZSW-252/16K-3	6	252	2400	310	18	22	8Xφ18-φ254	8Xφ18-φ300	6300	16	10	12294+12295	276
11246	ZSW-252/8-4	4	252	2400	294	26	20	4XM16-φ127	8Xφ18-φ250	7812	8	6	12297+12298	248
11247	ZSW-252/12K-3	6	252	2400	295	22	20	4Xφ18-φ225	8Xφ18-φ275	6300	12	10	12208G+12210	244
11248	ZSW-252/12K-3	6	252	2300	285	18	20	4Xφ18-φ225	8Xφ18-φ275	6300	12	10	122102+122103	233

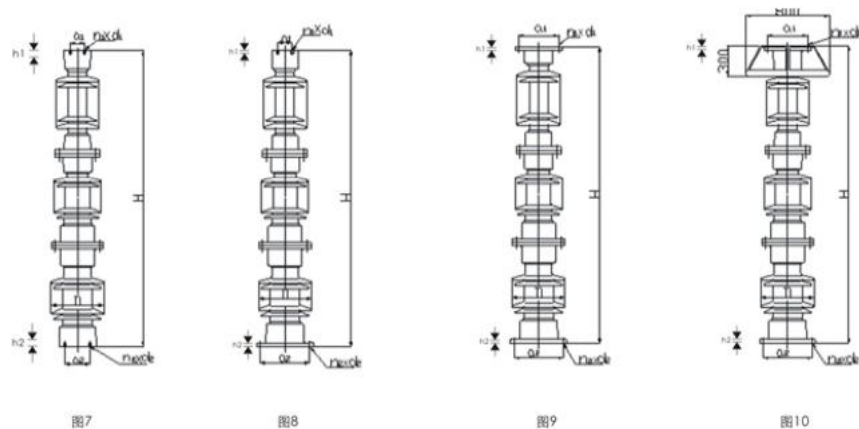


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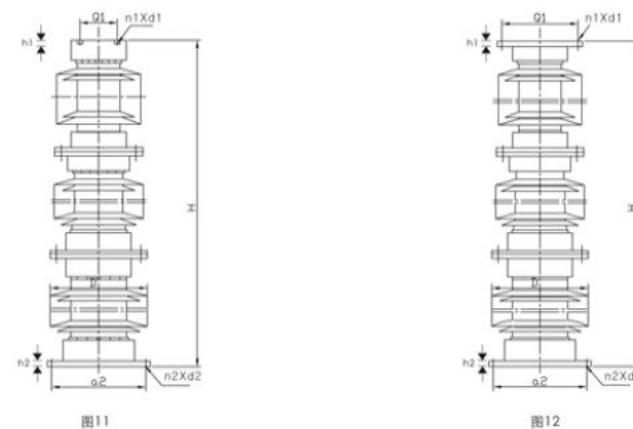
### 363kV 户外棒形支柱瓷绝缘子

363kV outdoor bar Insulator



### 550kV 户外棒形支柱瓷绝缘子

550kV outdoor bar Insulator



#### 主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)						公称爬距	机械破坏负荷 (不小于)		元件组成	重量 kg
				H	D	h1	h2	n1xd1-a1	n2xd2-a2		弯曲 kN	抗扭 kN.M		
11301	ZSW-363/8K-3	9	363	3600	341	18	22	4Xφ18-φ225	8Xφ18-φ275	9529	8	6	12207A+12208A+12240	395
11302	ZSW-363/6-4	8	363	3500	307	20	20	4XM12-φ140	8Xφ18-φ254	11250	6	3	11102+12210A+12211	318
11303	ZCW-363/N4-3	7	363	3600	240	20	20	4XM16-φ127	4XM16-φ127	9529	/	4	12243+12244+12245	216
11304	ZSW-363/10K-3	9	363	3600	280	22	20	4Xφ18-φ225	8Xφ18-φ275	9075	10	10	12240A+12241	329
11309	ZSW-363/N2-3	7	363	3600	240	22	22	4XM16-φ127	4XM16-φ127	9076	/	2	12218+122104+12219	237
11310	ZCW-363/N2-4	7	363	3600	252	22	22	4XM16-φ127	4XM16-φ127	11223	/	2	12290+122105+12293	261
11311	ZSW-363/8-3	8	363	3600	285	26	20	4XM16-φ127	8Xφ18-φ250	9075	8	6	12207B+12208A+12296	342
11312	ZSW-363/8-4	8	363	3600	309	26	20	4XM16-φ127	8Xφ18-φ250	11718	8	6	12297+12298+12299	389
11314	ZCW-363/N4-3	7	363	3600	240	22	22	4XM16-φ127	4XM16-φ127	9529	/	4	12218+122105+12219	237
11323	ZSW-363/8K-3	10	363	3500	335	22	22	4Xφ18-φ225	8Xφ18-φ275	9450	8	4	62793+62810+62810	310
C125-1000	ZSW-363/12.5-3	8	363	3350	325	25	22	4XM16-φ127	8Xφ18-φ325	10500	12.5	6	612.5-1550.1+612.5-1550.2+612.5-1550.3	395
65734	ZSW-420/8-4	8	420	3650	335	25	22	4XM16φ127	8Xφ18-φ275	13000	8	6	62792-62810-62810	381
C16-1675	ZSW-420/16K-3	9	420	3650	327	20	22	4Xφ18-φ225	8Xφ18-φ356	10500	16	10	616+1675.1+616-1675.2+616-1675.3	472

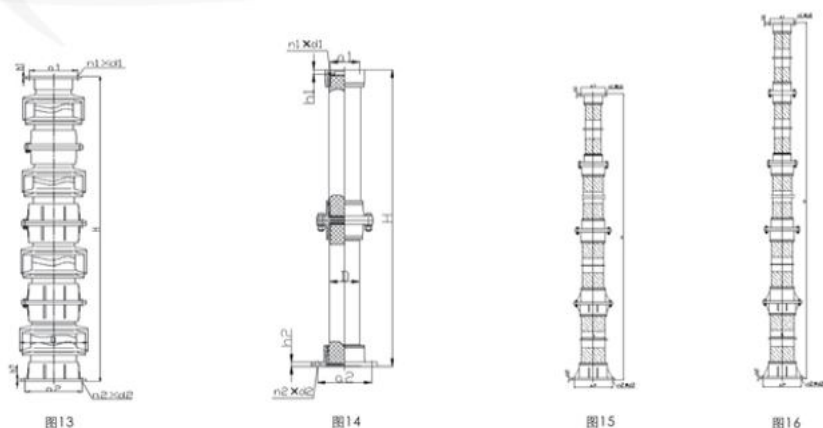
#### 主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)						公称爬距	机械破坏负荷 (不小于)		元件组成	重量 kg
				H	D	h1	h2	n1xd1-a1	n2xd2-a2		弯曲 kN	抗扭 kN.M		
11401	ZSW-550/12.5-3	11	550	4400	345	25	22	4XM16-φ127	8Xφ18-φ325	13750	12.5	10	12301+12302+12303	580
11401E	ZSW-550/12.5K-3	10	550	4400	345	20	22	8Xφ18-φ254	8Xφ18-φ325	13750	12.5	10	12301E+12302+12303	601
11402	ZSW-550/8-3	11	550	4400	345	25	22	4XM16-φ127	8Xφ18-φ325	13750	8	8	12301A+12302A+12303A	580
11403	ZSW-550/10-3	11	550	4400	345	25	22	4XM16-φ127	8Xφ18-φ325	13750	10	10	12301+12302+12303	580
11404	ZSW-550/14-3	11	550	4400	345	25	22	4XM16-φ127	8Xφ18-φ325	13750	14	10	12301+12302+12303	580
11405	ZCW-550/N1.5K-3	12	550	4400	294	18	18	4Xφ18-φ210	4Xφ18-φ210	13750	/	1.5	12311+12311+12312	428
11406	ZCW-550/N4-3	7	550	4400	294	20	20	8XM10-φ127	8XM10-φ127	13750	/	4	12313+12314+12315	425
11407	ZSW-550/8K-3	12	550	4100	315	22	22	4Xφ18-φ225	8Xφ18-φ300	12700	8	4	12317+12318+12319	442
11408	ZSW-550/20K-3	12	550	4400	375	22	22	8Xφ18-φ254	8Xφ18-φ375	13750	20	10	12320+12320+12320	715
11409	ZSW-550/12.5K-3	12	550	4400	345	20	22	4Xφ18-φ254	8Xφ18-φ325	13750	12.5	10	12301D+12302+12303	589
11413	ZSW-550/12.5K-3	12	550	4700	345	20	22	4Xφ18-φ225	8Xφ18-φ325	13750	12.5	10	12323+12302+12303	620
11414	ZSW-550/12.5K-4	12	550	4700	360	20	22	4Xφ18-φ225	8Xφ18-φ325	17050	12.5	10	12324+12325+12326	645



强联电瓷

QIANG LIAN



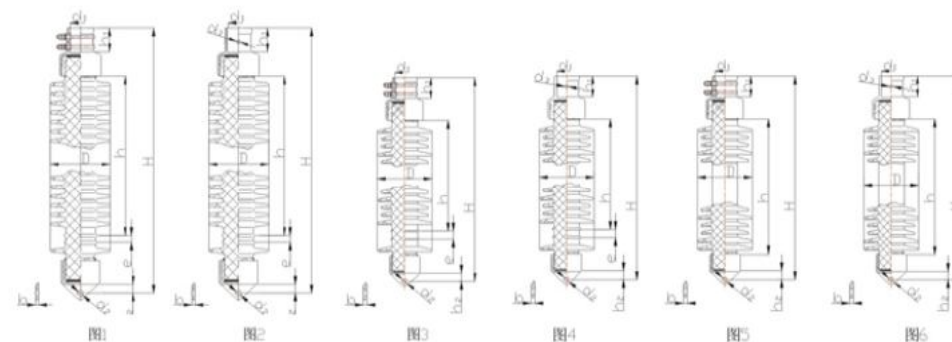
800kV 户外棒形支柱瓷绝缘子 800kV outdoor bar Insulator  
主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)					公称爬距	机械破坏负荷 (不小于)		元件组成	重量 kg	
				H	D	h1	h2	n1xd1-a1		n2xd2-a2	弯曲 kN			抗扭 kN.M
C10-2750	ZSW-800/10-3	13	800	6800	375	22	23	8Xφ18-φ254	8Xφ18-φ375	22400	10	10	C10-2750.1 +C10-2750.2 +C10-2750.3 +C10-2750.4	1120
C16-2750	ZSW-800/16-3	13	800	6800	388	22	23	8Xφ18-φ254	8Xφ18-φ375	22400	16	10	C16-2750.1 +C16-2750.2 +C16-2750.3 +C16-2750.4	1120

±252~±800kV 复合绝缘子瓷芯棒 ±252~±800kV core rod composite insulator  
主要尺寸和性能 Main dimensions and standard particulars

代号	型号	图号	电压等级 kV	主要尺寸(mm)					公称爬距	机械破坏负荷 (不小于)		元件组成	重量 kg	
				H	D	h1	h2	n1xd1-a1		n2xd2-a2	弯曲 kN			抗扭 kN.M
±252 复合瓷芯	±252 复合瓷芯	14	±252	2300	142	20	22	4XM12-φ140	4Xφ18-φ225	/	13	/	12205-12206	132
±363 复合瓷芯	±363 复合瓷芯	15	±363	5100	262	18	23	8Xφ18-φ254	8Xφ26-φ400	/	12.5	/	12501A+12502A +12503A+12504A	720
±800 复合瓷芯	±800 复合瓷芯	16	±800	10500	288	18	25	8Xφ18-φ254	8Xφ26-φ400	/	12.5	/	12501+12502 +12503+12504 +12505	1584

电气化铁道接触网用瓷绝缘子  
porcelain insulators for electrified railway contacting net



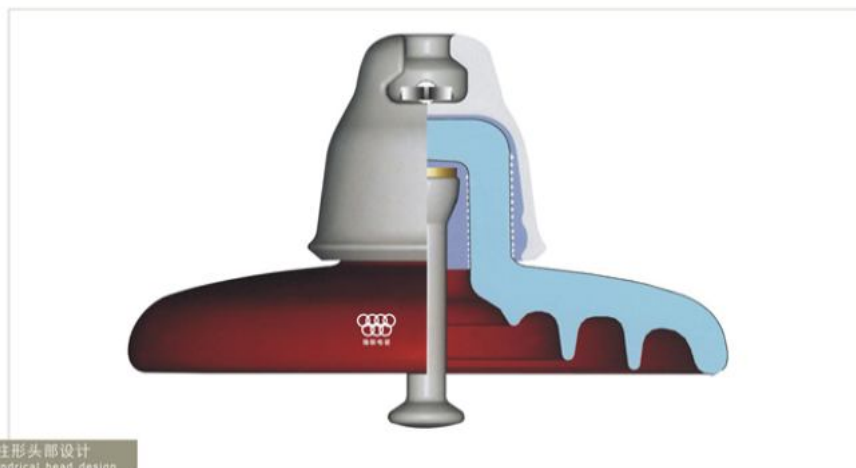
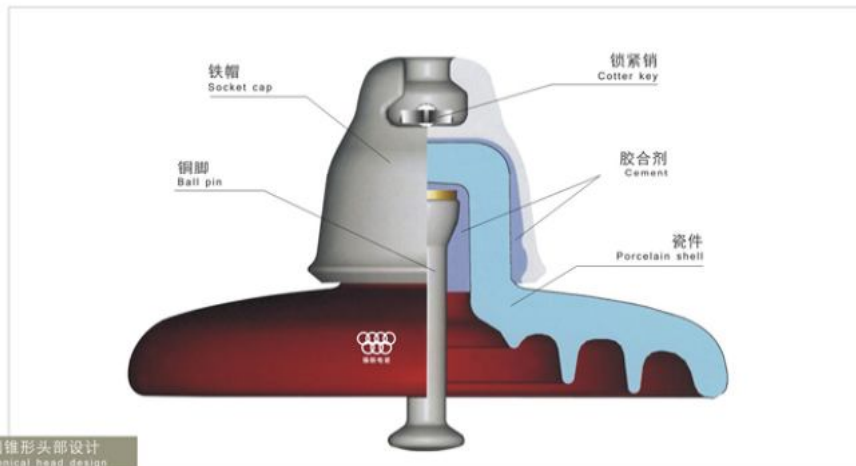
产品主要参数 Main dimensions and standard particulars

工厂代号	图号 / 电压等级	总高H 最大伞D mm	h	上附件安装尺寸 h1/d1	下附件安装尺寸 h2/d2	雷电冲击耐受电压 kV	工频耐受电压 kV		e	b	d3	公称爬距主/辅 mm	机械破坏负荷		伞数 个	重量 kg
							干	湿					弯曲 kN	拉伸 kN		
OBSG-25/16 T101 (12度伞)	3/ 25	875/ 234	468	84/62	30/21	310	190	150	35	18	/	1600/145	16	160	6大 8小	41
OBSG-25/16 T102 (12度伞)	6/ 25	780/ 216	376	84/62	30/21	310	190	150	/	18	13	1600	16	120	6大 8小	40
OBSG-25/16 T103 (5度伞)	3/ 25	850/ 234	431	84/62	30/21	310	190	150	35	18	13	1600/145	16	120	6大 8小	43.5
OBSG-25/16 T104 (5度伞)	5/ 25	780/ 216	435	84/62	30/21	310	190	150	/	18	13	1600	16	120	6大 8小	37
OBSG-25/16 T105 (12度伞)	3/ 25	875/ 250	464	84/62	30/21	310	190	150	35	18	/	1800/200	16	120	6大 8小	44
OBSG-25/16 T106 (5度伞)	5/ 25	780/ 222	440	84/62	30/21	310	190	150	/	18	/	1700	16	120	6大 10小	42
OBSG-25/16 T107 (5度伞)	6/ 25	780/ 216	435	84/62	30/21	310	190	150	/	18	13	1600	16	120	6大 10小	40
OBSG-25/20 T108 (5度伞)	5, 6/ 25	790/ 236	415	84/62	30/21	310	190	150	/	18	/	1600	20	140	6大 10小	47
M400A-25/4 T109 (6度伞)	-/ 225	400/ 195	240	上、下法兰安装孔4*φ13□□ 90(方形)								1050	4	/	5大 4小	16
OBSG-25/12 T110 (平腕)	2/ 25	960/ 224	576	84/62	30/21	310	190	150	27	18	13	2000/145	12	80	17伞	48
OBSG-25/12 T110A (平腕)	2/ 25	960/ 224	576	84/62	30/21	310	190	150	27	18	18	2000/145	12	80	17伞	48
OBSG-25/12 T111 (斜腕)	1/ 25	960/ 224	576	84/62	30/21	310	190	150	27	18	/	2000/145	12	80	17伞	49
T116(复合瓷心棒)	5/ 25	765/ 171	400	30/21	30/21	270	160	130	/	18	/	1600	6	32	6大 10小	18
OBSG-25/16 T117	5/ 25	760/ 216	435	90/72	30/21	310	190	150	/	18	/	1600	16	120	6大 10小	37
OBSG-25/18 T118 (5度伞)	6/ 25	760/ 216	435	90/72	30/21	310	190	150	/	18	13	1600	16	120	6大 10小	37



公司可以生产不同头部结构的交直流盘形悬式瓷绝缘子，以满足国内外客户的不同需要。  
The company can produce A.C and D.C suspension porcelain insulator of different head structures to meet the different needs of customers at home and abroad.

### 交直流盘形悬式瓷绝缘子 AC, D.C. Disc Suspension Porcelain Insulator







## 交流盘形悬式瓷绝缘子 (普通型、钟罩型和草帽型) AC Disc Suspension Porcelain Insulator (Normal Type, Fog Type and Aerodynamic Type)

盘形悬式瓷绝缘子主要用于高压架空输电线路中绝缘支持导线。普通盘形悬式瓷绝缘子包括标准型绝缘子和大爬距绝缘子, 这些绝缘子主要适用于清洁区和轻污秽区。钟罩型产品爬距大, 湿闪性能好, 适合于沿海地区和多雨地带; 草帽型产品属于流线型结构, 积污率低, 自洁性能好, 在绝缘子串中可起到特殊的保护作用。

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

The fog type insulator usually serves in the coastlands and rainy areas with big creepage distance structure and well flashover performance in wet condition. The aerodynamic type insulator, with the streamline structure, low deposit rate of insoluble material and great self-clean function takes the special protection effect in insulator strings.

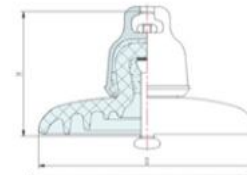


图1 Fig 1

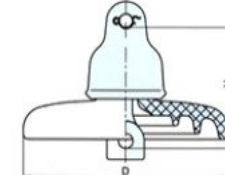


图2 Fig 2

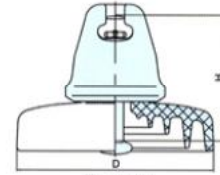


图3 Fig 3

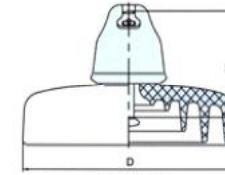


图4 Fig 4

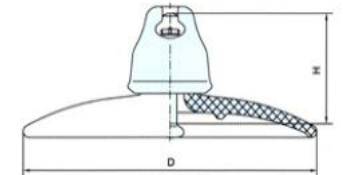


图5 Fig 5

产品型号 Type	绝缘子等级 Class IEC	图号 Figure No.	结构高度 Unit spacing (H)mm	公称直径 Nominal diameter (D) mm	公称爬电距离 Nominal creepage distance (L)mm	连接标记 Coupling size	额定机电 破坏负荷 Rated E&M failing load Kn	例行拉伸负荷 Routine tension load kN	打击负荷 Impact load N·m	工频耐受电压 Power-frequency withstand voltage		雷电全波冲击耐受电压 Dry lightning impulse withstand voltage KV	工频击穿电压 Power-frequency puncture voltage KV	无线电干扰电压 Radio-interference voltage		产品质量 Unit mass kg
										湿Wet KV	干Dry KV			对地试验电压 Test voltage to ground KV	最大 RIV (1MHz) Max.RIV at 1 MHz μV	
XP-70	U70BL	1	146	255	295	16R	70	35	6	40	70	100	110	10	50	4.6
XP-70C	U70C	2	146	255	292	16R	70	35	6	40	70	100	110	10	50	4.8
XP1-70	U70BS	1	127	255	295	16R	70	35	6	40	70	100	110	10	50	4.6
XP6-70	U70BL	1	146	255	320	16R	70	35	6	40	70	100	110	10	50	4.8
XP9-70	U70BL	1	146	255	370	16R	70	35	6	40	70	100	110	10	50	5.5
XP-100	U100BL	1	146	255	295	16R	100	50	7	40	70	100	110	10	50	5.7
XP3-100	U100BL	1	146	280	340	16R	100	50	7	40	70	100	110	10	50	6.6
XP-120	U120B	1	146	255	295	16R	120	60	7	40	70	100	110	10	50	5.7
XP3-160	U160BM	1	155	280	350	20R	160	80	10	42	75	105	110	10	50	8.7
XP10-160	U160BL	1	170	280	405	20R	160	80	10	45	75	110	110	10	50	9.1
XP12-160	U160BS	1	146	255	320	20R	160	80	10	40	70	100	110	10	50	7.8
XP2-210	U210B	1	170	280	380	20R	160	105	10	42	75	105	120	10	50	10.7
XP3-210	U210B	1	170	300	400	20R	210	105	10	45	75	110	120	10	50	11.8
XP-240	U240B	1	170	280	405	20/24R	240	120	10	45	75	110	120	10	50	11.1
XP1-300	U300B	1	195	320	390	24R	300	150	10	45	75	110	120	10	50	13.6
XHP2-300	U300B	4	195	330	505	24R	300	150	10	45	80	130	130	10	50	15.7
XP2-400	U400B	3	205	340	550	28R	400	200	10	50	90	140	130	10	50	19.5
XP-420	U420B	3	205	340	550	28R	420	210	10	50	90	140	130	10	50	19.5
XP-530	U530B	3	240	380	700	32R	530	265	10	55	95	140	140	10	50	29.0
XP-550	U550B	3	240	380	700	32R	530	275	10	55	95	140	140	10	50	29.0
XHP-70	U70BLP	4	146	255	432	16R	70	35	6	42	80	120	120	10	50	7.0
XHP2-100	U100BLP	4	146	255	432	16R	100	50	7	42	80	120	120	10	50	7.7
XHP2-120	U120BP	4	146	255	432	16R	120	60	10	42	80	120	120	10	50	8.2
XHP2-160	U160BLP	4	170	330	525	20R	160	80	10	55	90	135	130	10	50	11.7
XHP1-210	U210BP	4	170	330	550	20R	210	105	10	55	90	135	130	10	50	14.5
XHP1-240	U240BP	4	170	330	550	20/24R	240	120	10	55	90	135	130	10	50	15.2
XHP5-300	U300BP	4	195	360	600	24R	300	150	10	55	90	135	130	10	50	19.1
XMP-70	U70BL	5	146	350	300	16R	70	35	-	40	70	105	120	10	50	5.7
XMP-100	U100BL	5	146	350	300	16R	100	50	-	40	70	105	120	10	50	6.7
XMP-120	U120B	5	146	350	300	16R	120	60	-	40	70	105	120	10	50	7.0
XMP2-160	U160BS	5	146	425	385	20R	160	80	-	45	75	110	130	10	50	11.4
XMP-210	U210B	5	170	420	380	20R	210	105	-	45	75	110	130	10	50	12.4



## 交流耐污盘形悬式瓷绝缘子（双伞型和三伞型）

### AC Anti-pollution Disc Suspension Porcelain Insulator (Double-shed and Tri-shed Type)

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

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

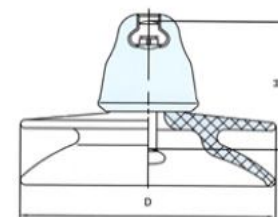


图1 Fig 1

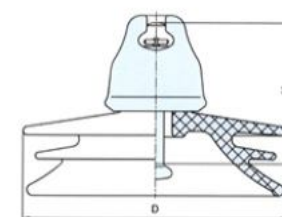


图2 Fig 2

产品型号 Type	绝缘子等级 Class IEC	图号 Figure No	结构高度 Unit spacing (H) mm	公称盘径 Nominal diameter (D) mm	公称爬电距离 Nominal creepage distance (L)mm	连接标记 Coupling size	额定机电破坏负荷 Rated E& M failing load Kn	例行拉伸负荷 Routine tension load kN	工频耐受电压 Power-frequency withstand voltage		雷电全波冲击耐受电压 Dry lightning impulse withstand voltage KV	工频击穿电压 Power-frequency puncture voltage KV	无线电干扰电压 Radio-interference voltage		产品质量 Unit mass kg
									湿Wet KV	干Dry KV			对地试验电压 Test voltage to ground KV	最大 RIV (1MHz) Max. RIV at 1 MHz µm	
XWP1-70	U70BEL	1	160	255	400	16R	70	35	42	80	120	120	10	50	5.9
XWP2-70	U70BL	1	146	255	400	16R	70	35	42	80	120	120	10	50	5.9
XWP3-70	U70BEL	1	160	280	450	16R	70	35	42	80	120	120	10	50	6.7
XWP6-70	U70BLP	1	146	255	450	16R	70	35	42	80	120	120	10	50	6.4
XWP8-70	U70BLP	1	146	280	450	16R	70	35	42	80	120	120	10	50	7.5
XWP1-100	U100BEL	1	160	255	400	16R	100	50	42	80	120	120	10	50	7.0
XWP2-100	U100BEL	1	160	280	450	16R	100	50	45	80	120	120	10	50	8.5
XWP3-100	U100BLP	1	146	280	450	16R	100	50	45	80	120	120	10	50	7.9
XWP2-120	U120BL	1	160	280	450	16R	120	60	45	80	120	120	10	50	8.5
XWP3-120	U120BP	1	146	280	450	16R	120	60	45	80	120	120	10	50	8.3
XWP-160	U160BM	1	155	300	400	20R	160	80	45	80	130	120	10	50	9.2
XWP2-160	U160BM	1	155	300	450	20R	160	80	45	80	130	120	10	50	9.1
XWP3-160	U160BM	1	155	280	450	20R	160	80	45	80	130	120	10	50	8.6
XWP6-160	U160BL	1	170	330	450	20R	160	80	45	80	130	120	10	50	11.0
XWP7-160	U160BLP	1	170	340	525	20R	160	80	50	90	135	130	10	50	10.9
XWP9-160	U160BL	1	170	300	450	20R	160	80	45	80	130	120	10	50	9.1
XWP1-210	U210B	1	170	300	450	20R	210	105	45	80	130	130	10	50	12.0
XWP3-210	U210BP	1	170	350	525	20/24R	210	105	50	90	135	130	10	50	13.3
XWP1-240	U240B	1	170	300	450	24R	240	120	45	80	130	130	10	50	12.5
XWP3-240	U240BP	1	170	360	525	24R	240	120	50	90	135	130	10	50	14.4
XWP-300	U300B	1	195	330	505	24R	300	150	47	85	130	130	10	50	14.8
XWP-420	U420B	1	205	380	550	28R	420	210	50	90	140	140	10	50	19.5
XWP-550	U550B	1	240	400	550	32R	550	275	50	90	145	140	10	50	26.8
XSP-70	U70BLP	2	146	255	450	16R	70	35	42	80	120	120	10	50	6.3
XSP1-70	U70BLP	2	146	280	450	16R	70	35	45	80	120	120	10	50	7.1
XSP3-70	U70BELP	2	160	320	550	16R	70	35	45	80	120	120	10	50	9.1
XSP1-100	U100BELP	2	155	300	545	16R	100	50	45	80	130	120	10	50	9.3
XSP4-100	U100BELP	2	160	320	550	16R	100	50	45	80	130	120	10	50	9.4
XSP-160	U160BLP	2	170	330	545	20R	160	80	50	90	130	130	10	50	11.8
XSP2-160	U160BMP	2	155	330	545	20R	160	80	50	90	130	130	10	50	12.0
XSP-210	U210BP	2	170	340	545	20R	210	105	50	90	130	130	10	50	14.0
XSP-240	U240BP	2	170	360	545	24R	240	120	50	90	130	130	10	50	15.0
XSP-300	U300B	2	195	360	550	24R	300	150	50	90	130	130	10	50	17.1
XSP2-420	U420B	2	205	350	550	28R	420	210	50	95	140	140	10	50	20.4
XSP3-420	U420BP	2	205	400	635	28R	420	210	50	95	145	140	10	50	23.2