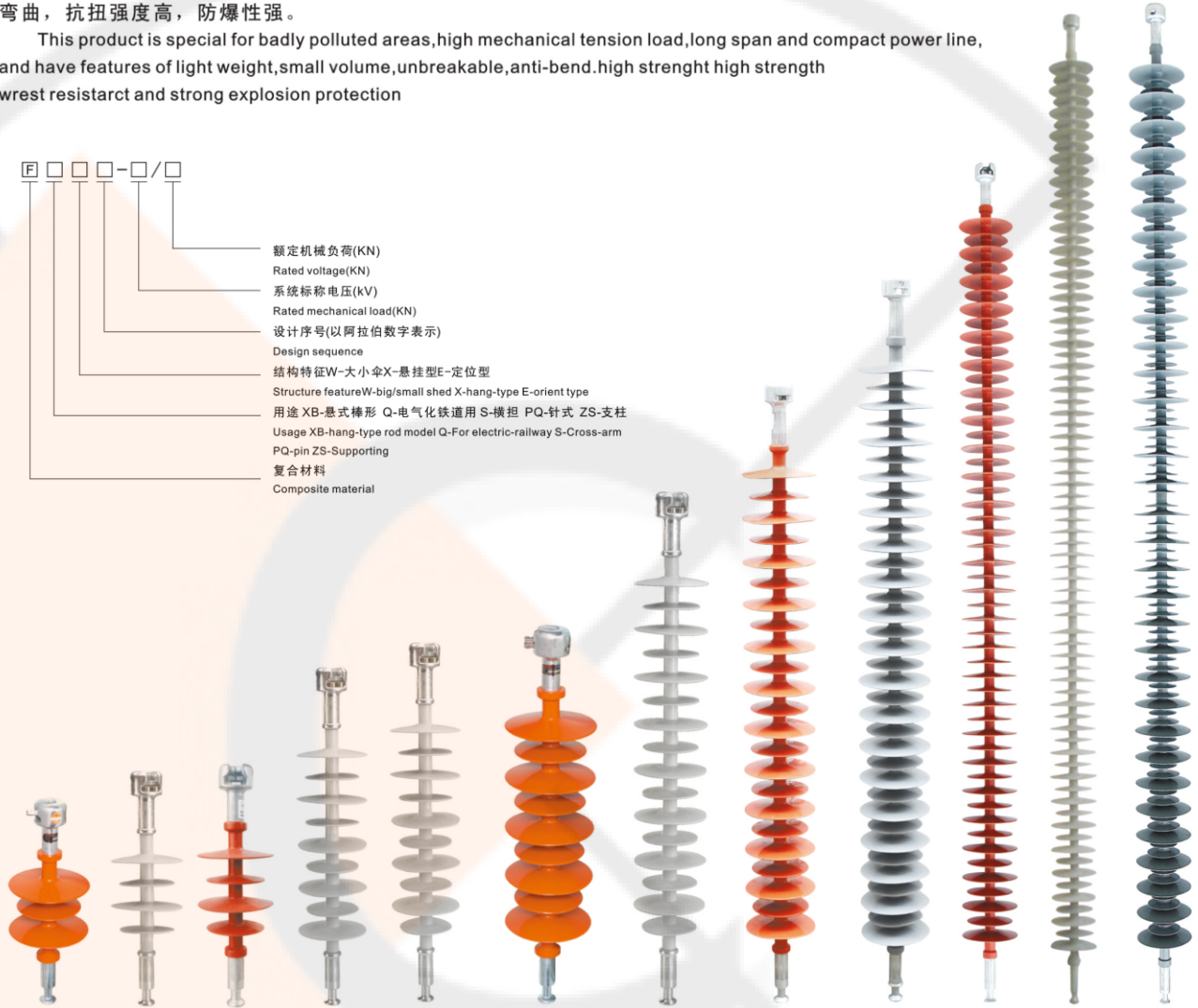
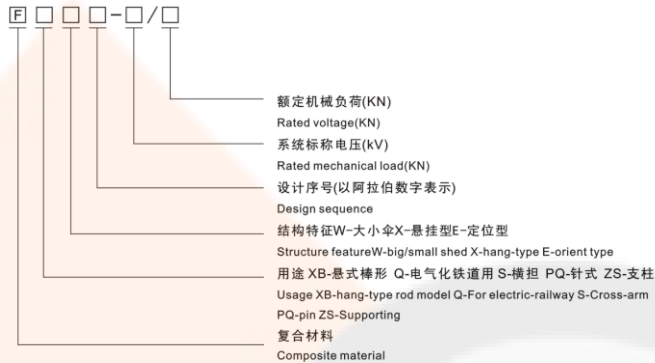


C100 Insulator series

• 复合悬式绝缘子 Suspension composite Insulator

本产品尤其适用于污秽地区、高机械拉伸负荷、大跨和紧凑型线路。具有重量轻，体积小，不易破碎，弯曲，抗扭强度高，防爆性强。

This product is special for badly polluted areas, high mechanical tension load, long span and compact power line, and have features of light weight, small volume, unbreakable, anti-bend, high strength, high strength, wress resistart and strong explosion protection



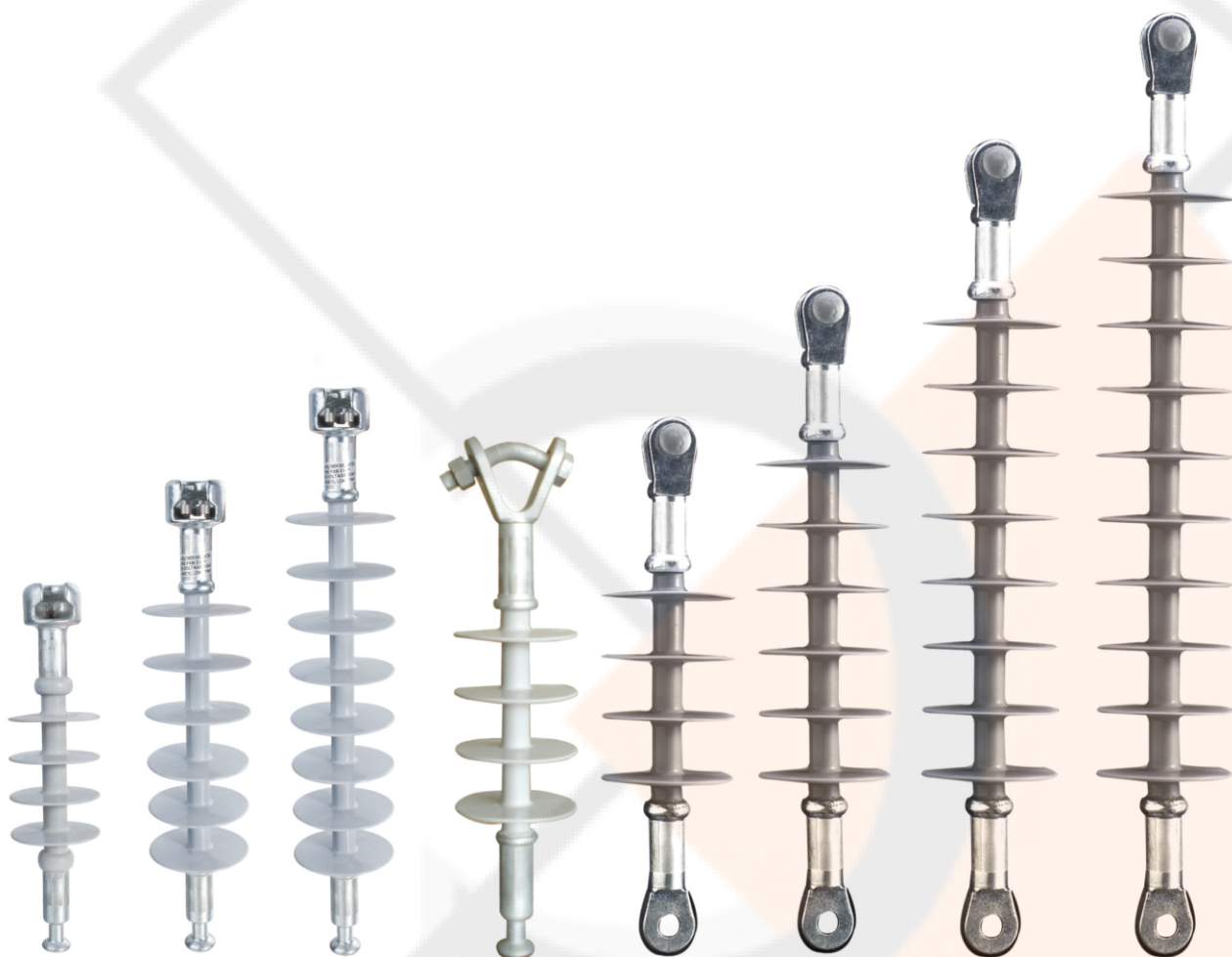
• 主要技术参数 Main technical parameters

产品型号 Product Model	额定电压 Rated voltage	额定机械负荷 Rated mechanical load(KN)	结构高度 Structure height H.(mm)	绝缘距离 Insulating distance Li.(mm)	最小公称爬电距离 Min Creepage distance(mm)	雷电冲击耐受电压峰值 Lightning impulse withstand voltage (peak)(kV)	工频耐受电压有效值 P.Fwet withslend voltage(virtual value)(kV)
FXBW4-12/70	12	70	370	200	480	75	42
FXBW4-12/100	12	100	405	200	480	75	42
FXBW4-24/70	24	70	550	370	850	185	75
FXBW4-24/100	24	100	590	370	850	185	75
FXBW4-35/70	35	70	650	450	1225	230	95
FXBW4-35/100	35	100	690	450	1225	230	95
FPBW4-66/70	66	70	900	710	1980	410	185
FXBW4-66/100	66	100	940	710	1980	410	185
FPBW4-110/70	110	70	1240	1000	3315	550	230
FPBW4-110/100	110	100	1240	1000	3315	550	230
FPBW4-220/100	220	100	2240	1900	6300	1000	395
FPBW4-220/160	220	160	2240	1900	6300	1000	395
FPBW4-330/100	330	100	2950	2600	9075	1425	570
FPBW4-330/160	330	160	2950	2600	9075	1425	570
FXBW4-500/160	500	160	4080	3730	12750	2250	740

C100 Insulator series

• Composite insulators and fittings

Dimensions tolerance acc.to IEC61109



• 主要技术参数 Main technical parameters

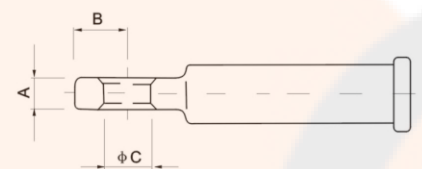
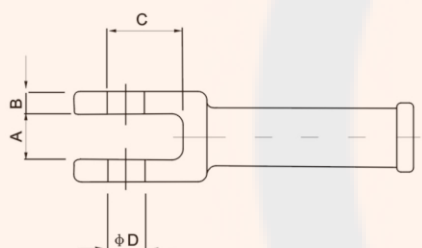
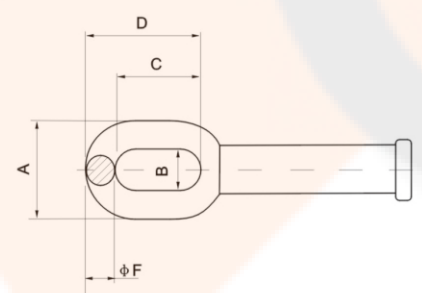
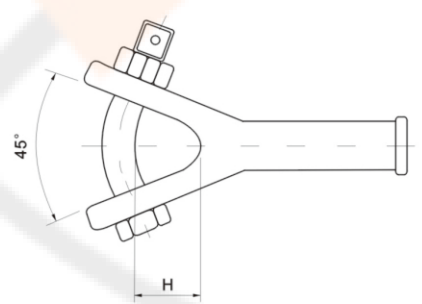
Item		Dongwoo Standard			
Electrical ratings	Rated voltage	45kV	35kV	25kV	15kV
	Low frequency dry flashover voltage test	190kV	170kV	150kV	100kV
	Low frequency wet flashover voltage test	170kV	140kV	115kV	70kV
	Critical impulse fcashover voltage test	Positive	275kV	255kV	235kV
		Negative	370kV	345kV	320kV
	Radio influence voltage test Max. voltage test	1 μ / (Max)	1 μ / (Max)	1 μ / (Max)	1 μ / (Max)
Mechanical	Failing load test	10,000kgf	10,000kgf	10,000kgf	10,000kgf
	Number of sheds	10	8	6	4
	Section Length	630mm	540mm	449mm	352mm
Dimensions	Leakage distance	2190mm	886mm	674mm	445mm
	Minimum arcing distance	1100mm	410mm	320mm	215mm



C100 Insulator series

• Composite insulators and fittings

All the end fittings listed in the table below refer for what is stated in IEC61466-1(02-1997) standard.

TYPE	Code	70KN	120KN	160KN	210KN
	BALL B	Size16 IEC60120	Size16 IEC60120	Size20 IEC60120	Size20 IEC60120
	SOCKET S	Size16 IEC60120	Size16 IEC60120	Size20 IEC60120	Size20 IEC60120
	TONGUE T	Size16N A=17.0 B=20.0 C=17.5	Size19N A=16 B=27 C=24	Size19N A=16 B=27 C=24	Size20N A=22 B=26 C=24
	CLEVIS C	Size16N A=18.0 B=8.00 C=34.8 D=17.5	Size19N A=23.0 B=11.5 C=38.0 D=20.0	Size19N A=23.0 B=11.5 C=38.0 D=20.0	Size20N A=26.0 B=15.0 C=43.0 D=22.0
	EYE E	Size17 A=44 B=20 C=31 D=45 E=12	Size24 A=62 B=26 C=52 D=70 E=18	Size24 A=62 B=26 C=52 D=70 E=18	Size25 A=70 B=26 C=52 D=74 E=22
	Y-CLEVIS Y	Size199 H=40	Size19 H=40	Size19 H=40	Size22 H=40