



INSULATORS



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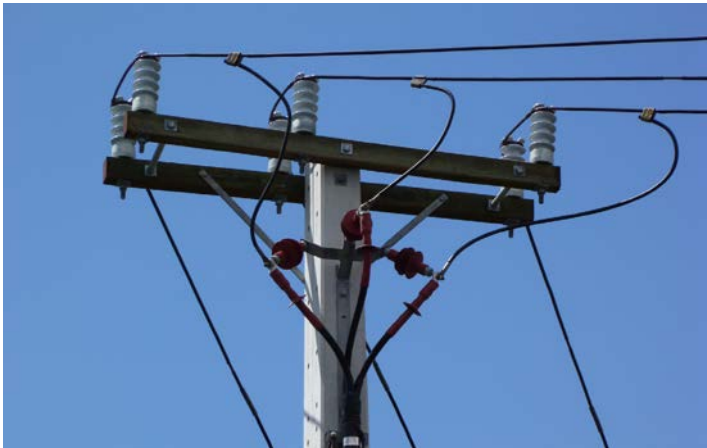
TE INSULATOR WARRANTY

TE Connectivity offer a 25 year manufacturing warranty on all TE branded Porcelain Insulators up to 66kV. In the event a TE insulator from this range is found to demonstrate manufacturing defects, TE will supply a replacement product free of charge.

Terms and conditions do apply, to learn more about this offer please contact TransNet (0800 442 182, 09 274 3340) or TE Connectivity (09 634 4580) directly.



OUR INSULATORS ARE USED ALL OVER NZ.....



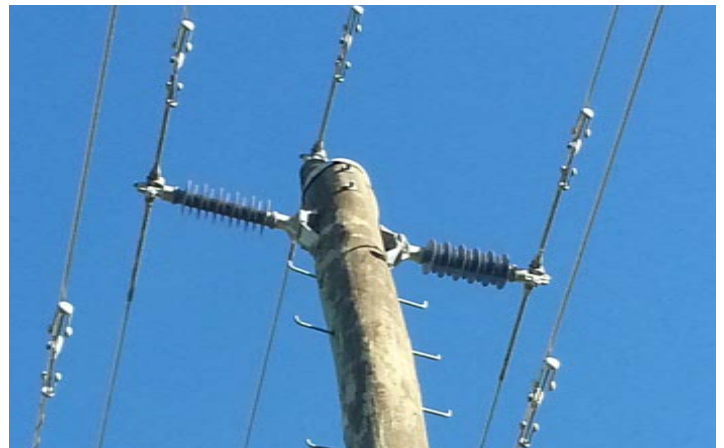
11kV Porcelain Posts - Auckland



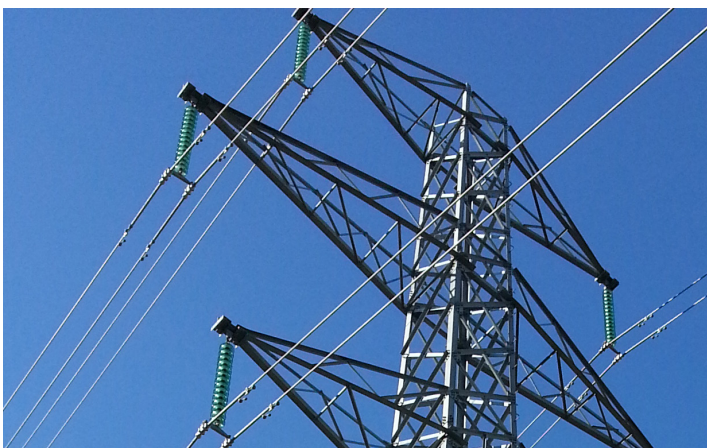
33kV Polymer Posts - Taranaki



11kV Polymer Posts - King Country



66kV Polymer Posts - Southland



Sediver Glass Discs - Northland



33kV Polymer Posts - Otago

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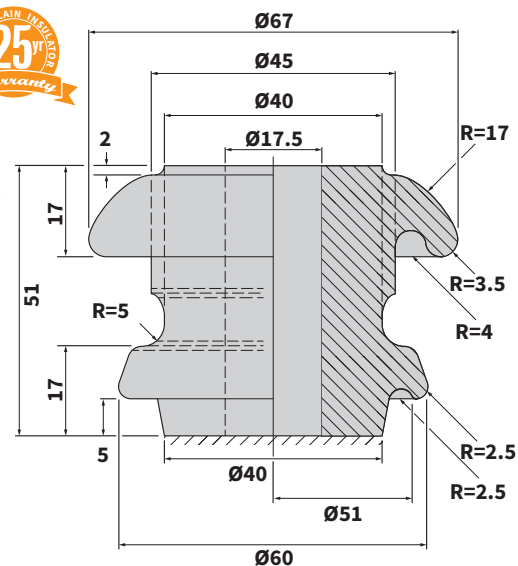
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LV INSULATORS

LV SHACKLE PORCELAIN INSULATOR - 210

Cat No. 0-0361400-3

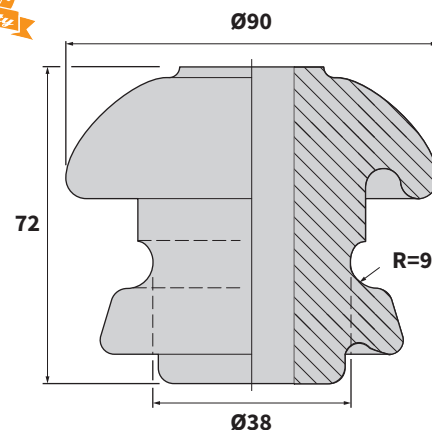
LINE VOLTAGE (V)	650V
DRY FLASHOVER VOLTAGE	15KV
WET FLASHOVER VOLTAGE	8KV
BOLT SIZE	M16
GROOVE	10MM
DESIGNED LOAD	7KN
FIXING	17.5MM DIA.
COLOUR	GREY
BOX QTY	80



CSKL 303 PORCELAIN INSULATOR - 205

Cat No. 0-0361400-4

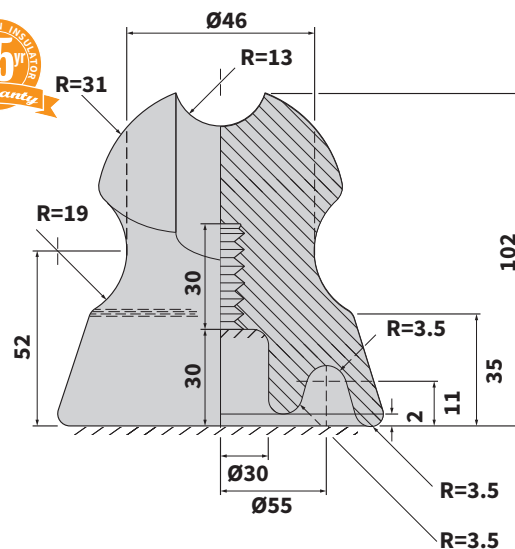
LINE VOLTAGE	3.3KV
DRY FLASHOVER VOLTAGE	28KV
WET FLASHOVER VOLTAGE	12KV
BOLT SIZE	M16
GROOVE	18MM
DESIGNED LOAD	13.5KN
FIXING	17.5MM DIA.
COLOUR	GREY
BOX QTY	50



LV PORCELAIN PIN INSULATOR - 510

Cat No. 0-0361400-2

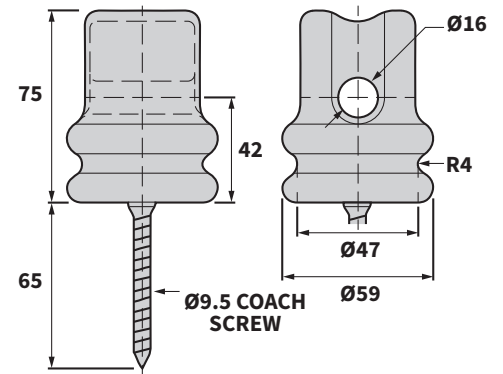
NOMINAL VOLTAGE (KV)	400V-3KV
POWER FREQUENCY DRY	55KV
POWER FREQUENCY WET	25KV
POWER FREQUENCY PUNCTURE	70KV
MINIMUM FAILING LOAD CANTILEVER	7KN
GROOVE	26MM DIA
TYPE OF PIN	USC006-DH
COLOUR	GREY
BOX QTY	40



LV INSULATORS

LV PORCELAIN SPIKE INSULATOR - 103

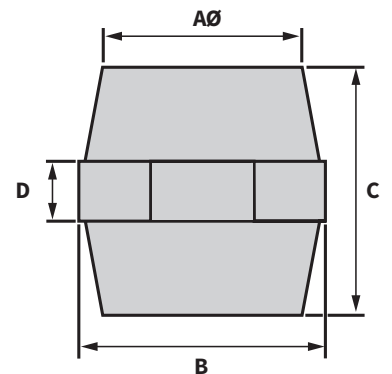
Cat No.	103
VOLTAGE	650V
DESIGNED LOAD	4KN
HOLE/GROOVE	16MM HOLE
FIXING	COACH SCREW
COLOUR	BROWN
BOX QTY	1



LV STAND OFF INSULATORS

LV STAND OFF INSULATORS

Cat No.	A Ø	B	C	D	Insert	kV Rating
1035EN	25	32	35	9	M6	3.3
1035FN	25	32	35	9	M8	3.3
1040FN	35	40	40	10	M8	3.3
1050GN	31	41	50	10	M10	3.3
1050HN	31	41	50	10	M12	3.3

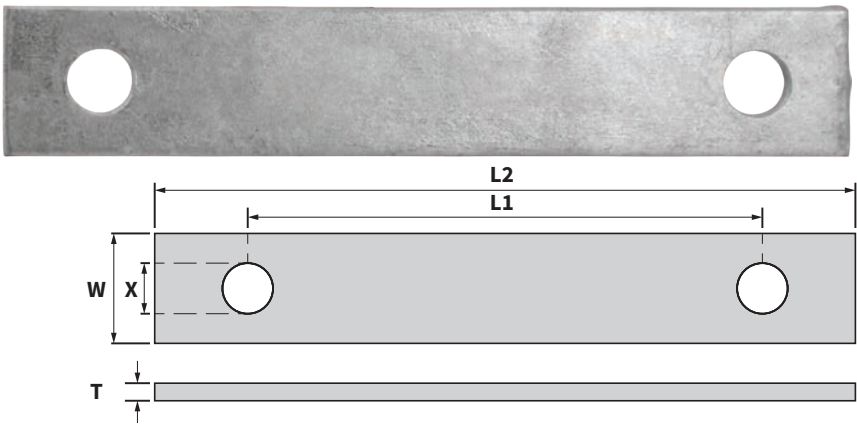


LV HARDWARE

SHACKLE STRAPS

MATERIAL

Galvanised Steel

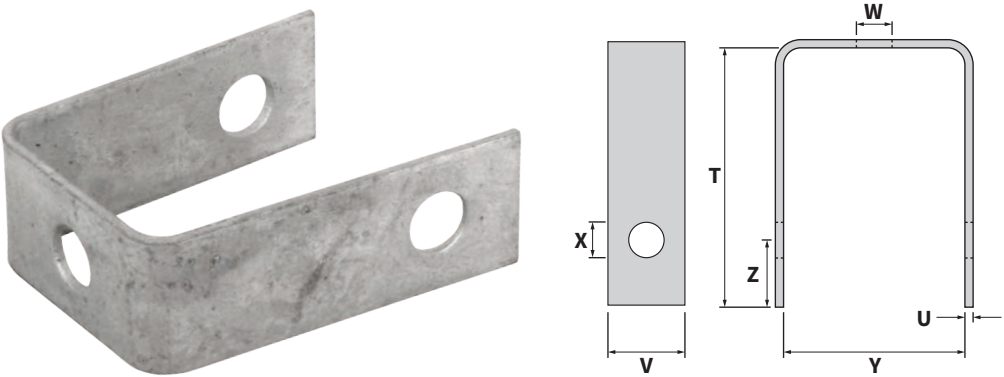


Cat No.	Dimensions (mm)					Style	
	XØ	W	T	L1	L2		
GSSM3X30X300	13.5	30	3	250	300	STRAIGHT	
GSSM3X32X180		32		130	180		
GSSM3X32X200				160	200		
GSSM3X32X230				180	230		

"U" SHACKLE STRAPS

MATERIAL

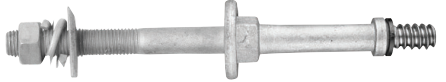
Galvanised Steel



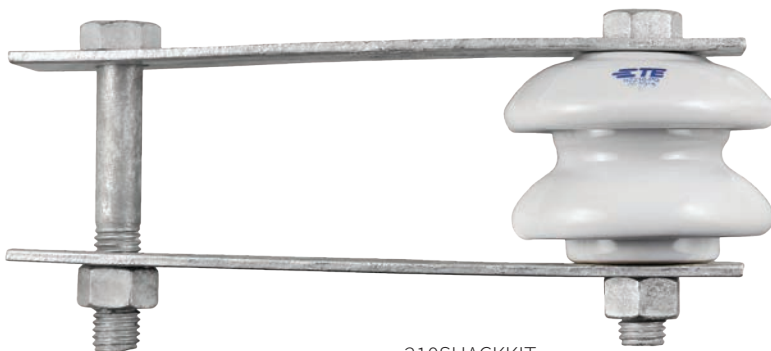
Cat No.	Insulator	Dimensions (mm)						
		Z	Y	XØ	WØ	V	U	T
GUS210M3X32X80	210	20	55	13.5	13.5	32	3	80
GUS210M3.2X30X85		20	60			30	3.2	85
GUS205M3X32X100		20	75			32	3	105
GUSM5X40X140	205	30	115	18	18	40	5	140

LV HARDWARE

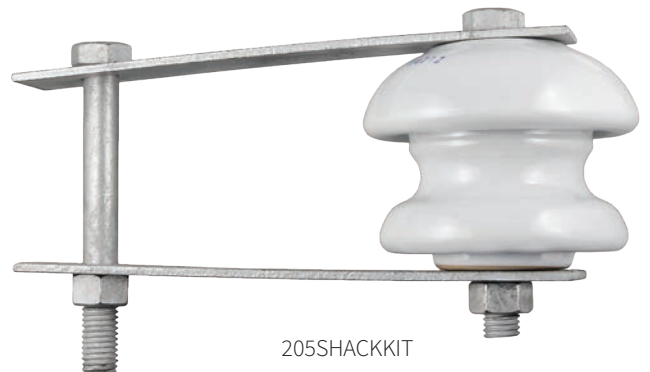
INSULATOR PINS

Cat No.	Description	Box Qty	Image
USC006-DH+WASHER	5/8" GALVANISED PIN + POLYMER WASHER, SQUARE WASHER DOUBLE HELIX SPRING WASHER & NUT M16 X 245MM DH	50	
USC006-DH	5/8" GALVANISED PIN-510/511 + SQUARE WASHER DOUBLE HELIX SPRING WASHER & NUT M16 X 245MM DH	50	
USC006WASHER	POLYMER WASHER FOR LV PIN USC006-DH	N/A	

LV SHACKLE KITS



210SHACKKIT



205SHACKKIT



210USHACKKITCMPLT



205USHACKKITCMPLT

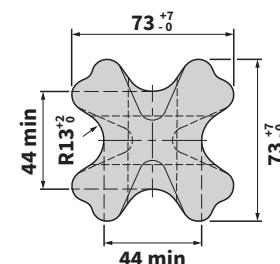
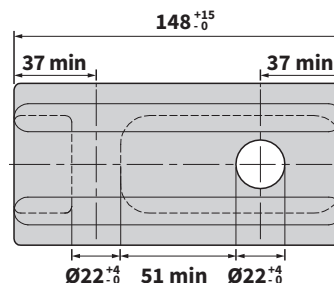
Cat No.	Description	Box Qty
210SHACKKIT	210 LV SHACKLE INSULATOR KIT INCLUDES BOLTS & STRAPS	1
210USHACKCMPLT	210 LV SHACKLE INSULATOR KIT INCLUDES BOLTS & U-SHACKLE	1
205SHACKKIT	205 LV SHACKLE INSULATOR KIT INCLUDES BOLTS & STRAPS	1
205USHACKCMPLT	205 LV SHACKLE INSULATOR KIT INCLUDES BOLTS & U-SHACKLE	1

MV STRAIN INSULATORS

GY2 STRAIN INSULATOR

Cat No. 7-1198679-2

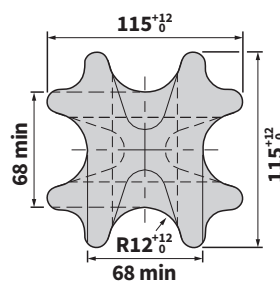
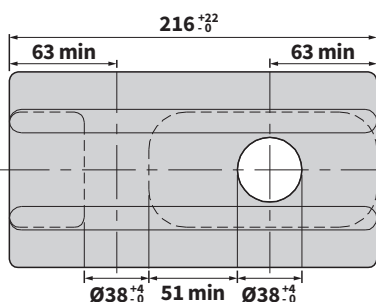
TYPE	GY2
DRY FLASHOVER VOLTAGE	35KV
WET FLASHOVER VOLTAGE	18KV
POWER FREQ. WET WITHSTAND (KV)	15
MECHANICAL FAILING LOAD (KN)	71
NET WEIGHT (KG)	1.1
BOX QUANTITY	6



GY3 STRAIN INSULATOR

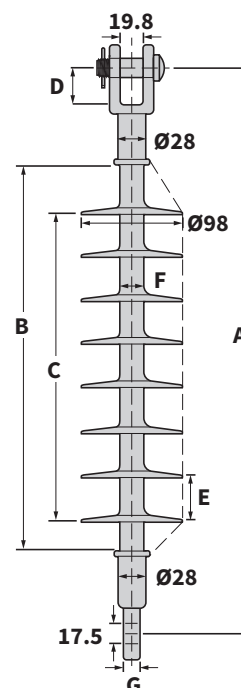
Cat No. 3-1198665-3

TYPE	GY3
DRY FLASHOVER VOLTAGE	55KV
WET FLASHOVER VOLTAGE	25KV
POWER FREQ. WET WITHSTAND (KV)	20
MECHANICAL FAILING LOAD (KN)	222
NET WEIGHT (KG)	4.3
BOX QUANTITY	4



POLYMER STRAIN INSULATORS

Cat No.	DS-15S	DS-28S	DS-35S
TYPICAL LINE VOLTAGE (kv)	15	28	35
SECTION LENGTH (mm)	330	432	559
DRY ARC (mm)	192	294	426
LEAKAGE (mm)	401	628	954
ELECTRICAL FLASHOVER			
- DRY 60Hz	90	130	170
- WET 60Hz	50	100	155
- CIFO POSITIVE	140	190	280
- CIFO NEGATIVE	145	220	290
WEIGHT (kg)	1.2	1.3	1.4
A (mm)	340	475	555
B (mm)	160	305	385
C (mm)	141	245	315
D (mm)	27	26	26
E (mm)	47	35	35
F (mm)	Ø24.5	Ø23	Ø23
G (mm)	16	14	14

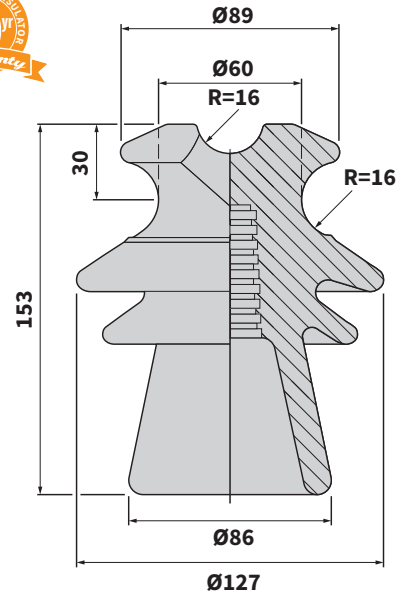


MV PORCELAIN PIN INSULATORS

11KV PIN TYPE INSULATORS - 1130W

Cat No. 0-0361400-0

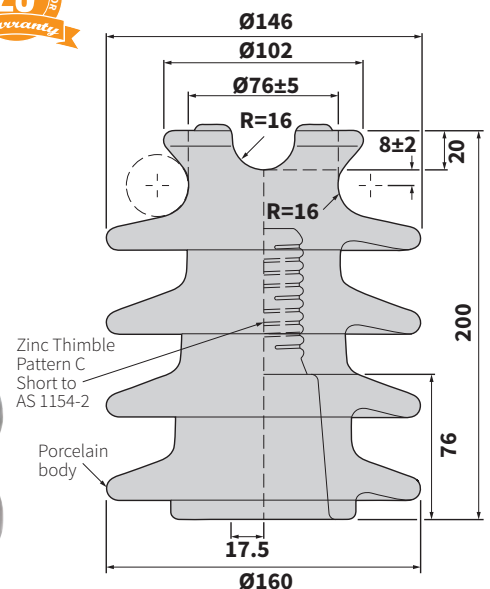
RADIO SILENT GLAZE	YES
NOMINAL VOLTAGE (KV)	0.4-11
GROOVE (MM)	32
CREEPAGE (MM)	252
POWER FREQ. DRY (KV)	70
POWER FREQ. WET (KV)	45
POWER FREQ PUNCTURE (KV)	125
CANTILEVER STRENGTH (KN)	7
BOX QTY.	12
PIN TYPE	UM142-B-1-DH = 1" LEAD HEAD J211-CZS = 1" NYLON HEAD



22KV PIN TYPE INSULATOR - ALP SERIES

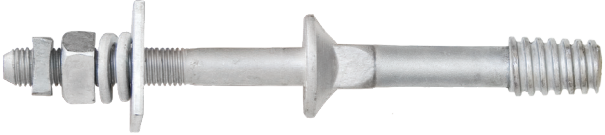
Cat No. TNALP22/450

RADIO SILENT GLAZE	YES
USAGE VOLTAGE (KV)	22
GROOVE (MM)	32
CREEPAGE DISTANCE (MM)	450
POWER FREQUENCY WET WITHSTAND (KV)	50
IMPULSE WITHSTAND (KV)	150
CANTILEVER STRENGTH (KN)	11
NET WEIGHT (KG)	3.5
BOX QTY.	6
PIN TYPE	M20X165 = C200-11-20MM-DH M24X165 = C200-11-24MM-DH

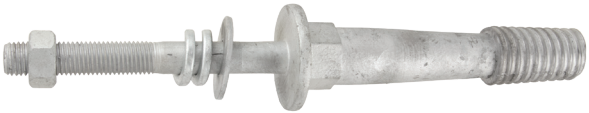


MV HARDWARE

11KV PIN INSULATOR ACCESSORIES

Cat No.	Description	Box Qty	Image
UM142-B-1-DH	1" LEAD HEAD GALVANISED PIN -1130W M20 X 280MM DOUBLE HELIX SPRING WASHER, SQUARE WASHER, NUT & LOCK NUT	25	
J211CZS	1" NYLON HEAD GALVANISED PIN - 1130W M20 X 267MM DOUBLE HELIX SPRING WASHER, SQUARE WASHER, NUT & LOCK NUT	25	

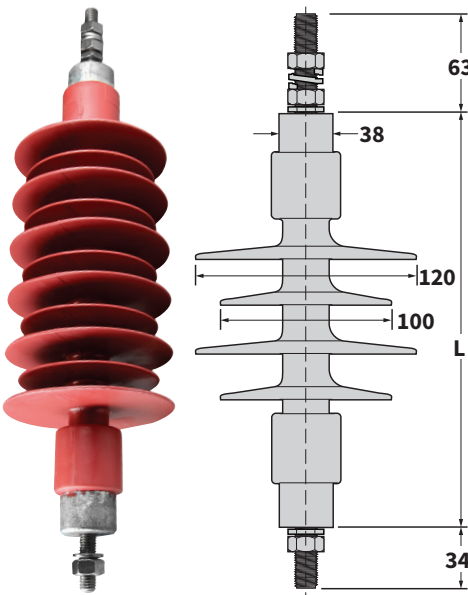
ALP PIN INSULATOR ACCESSORIES

Cat No.	Description	Box Qty	Image
C200-11-20MM-DH	PAT C, GALVANISED PIN – ALP22/450 M20 X 165MM, ROUND WASHER, DOUBLE HELIX SPRING WASHER & NUT	12	
C200-11-24MM-DH	PAT C, GALVANISED PIN – ALP22/450 M24 X 165MM, ROUND WASHER, DOUBLE HELIX SPRING WASHER & NUT	12	

MV STAND OFF INSULATORS

MV RAYCHEM EPBI STAND OFF INSULATORS

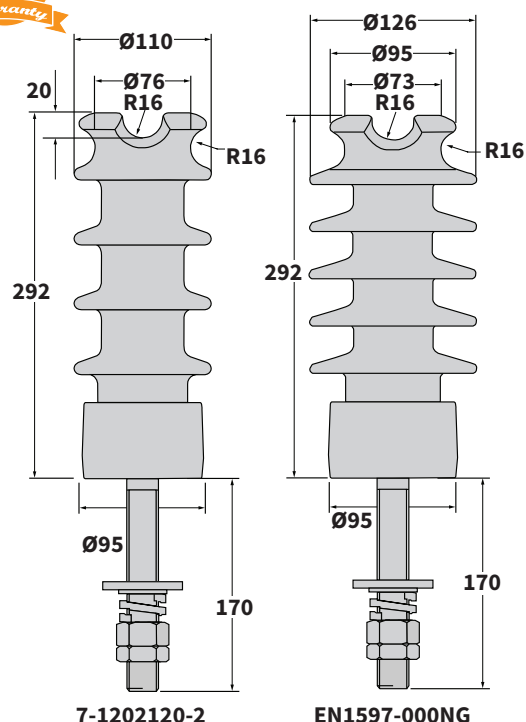
Cat No.	EPBI-19R-PPG-25KN-M0	EPBI-46R-PPS-25KN-M0	
		EPBI-27R-PPS-25KN-M0	
RATING (KV)	19	27	46
L (MM)	226	266	366
NUMBER OF SHEDS	4	6	11
CREEPAGE (MM)	497	687	1169
DRY ARC DISTANCE (MM)	205	244	347
WET AC WITHSTAND (KV)	52	66	104
IMPULSE WITHSTAND (KV)	159	185	252
CANTILEVER LOAD (NM)	580	580	580
MDCL (NM)	290	290	290
TENSILE LOAD (KN)	25	25	25
TORQUE M12 (NM)	50	50	50



MV PORCELAIN POST INSULATORS

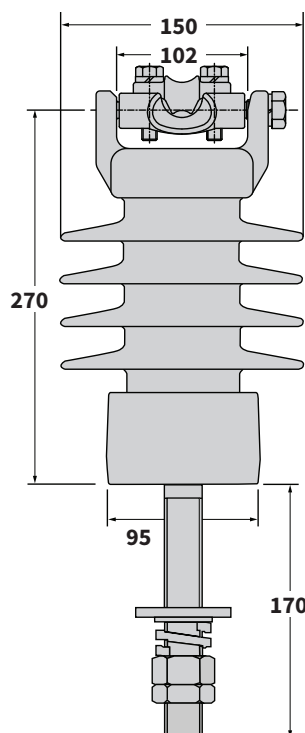
11KV TIE TOP POST INSULATOR

Cat No.	7-1202120-2 EN1597-000NG	
STYLE	TIE TOP	
GROOVE (MM)	32	
RATED VOLTAGE (KV)	11	
BIL (KV)	105	105
WET POWER FREQ. (KV)	50	72
CANTILEVER (KN)	12	10
CREEPAGE (MM)	300	400
WEIGHT (KG)	5	5
MATERIAL	PORCELAIN	
PIN INCLUDED	M20X170MM WITH DOUBLE HELIX WASHER & LOCK NUT	
BOX QTY	3	



11KV CLAMP TOP POST INSULATOR

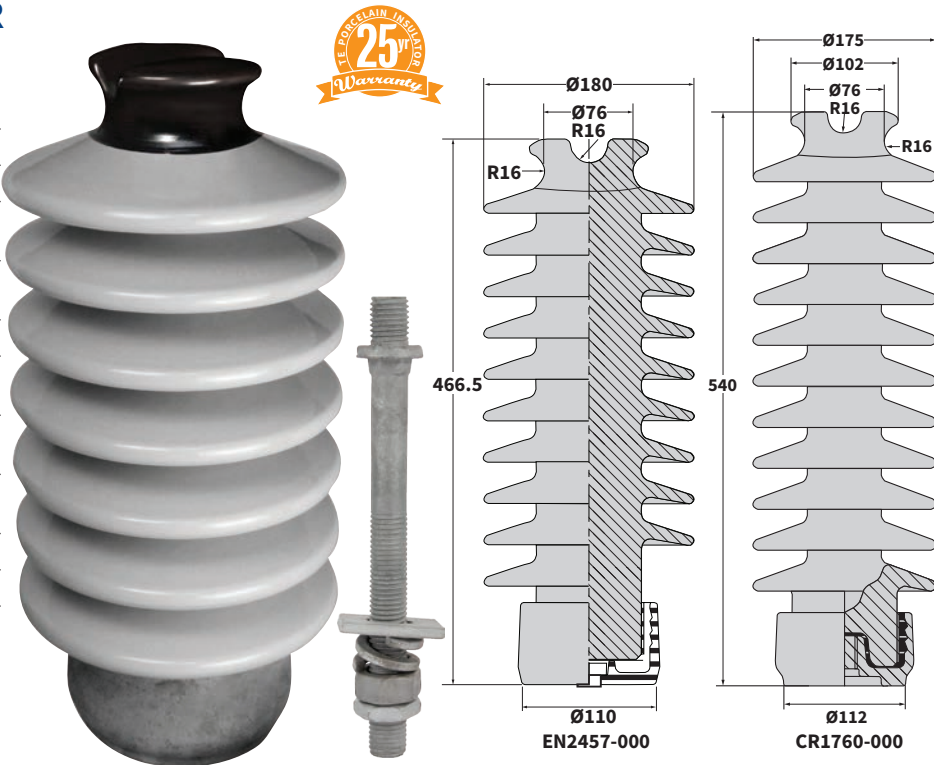
Cat No.	CL0058-000	
STYLE	CLAMP TOP	
RATED VOLTAGE (KV)	11	
BIL (KV)	95	
WET POWER FREQ. (KV)	38	
CANTILEVER (KN)	12.5	
CREEPAGE (MM)	350	
WEIGHT (KG)	7	
MATERIAL	PORCELAIN	
CLAMP INCLUDED	AL CLAMP, 7-32MM O.D.	
PIN INCLUDED	M20X170MM WITH DOUBLE HELIX WASHER & LOCK NUT	
BOX QTY	3	



MV PORCELAIN POST INSULATORS

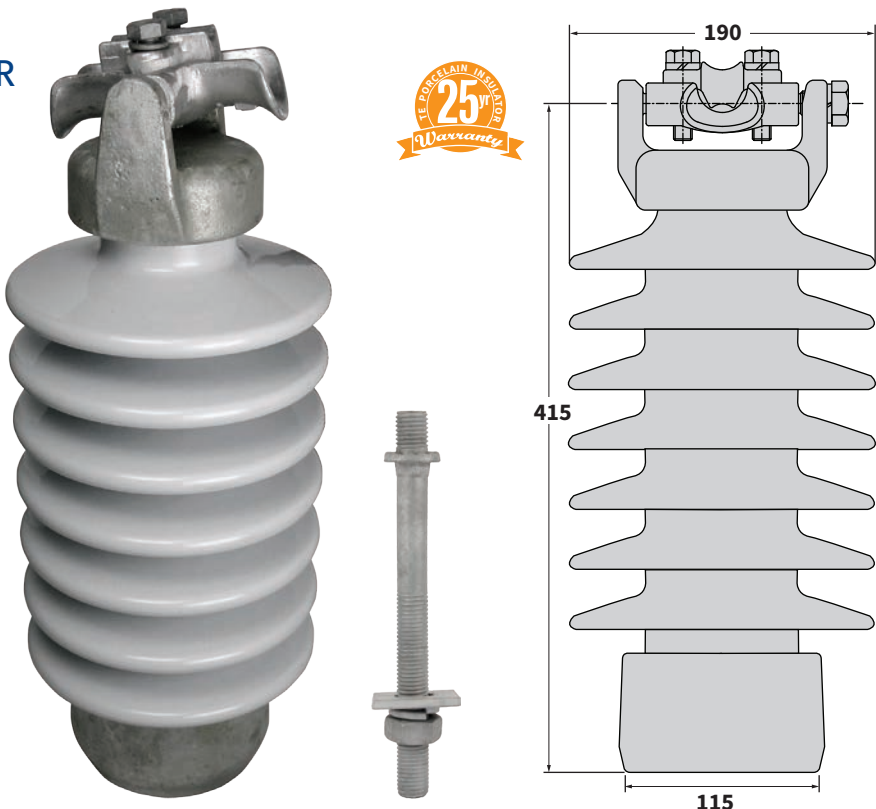
33KV TIE TOP POST INSULATOR

Cat No.	EN2457-000 CR1760-000	
STYLE	TIE TOP	
GROOVE (MM)	32	
RADIO SILENT GLAZE	YES	
RATED VOLTAGE (KV)	33	
BIL (KV)	200	250
WET POWER FREQ. (KV)	110	120
CANTILEVER (KN)	13	11
CREEPAGE (MM)	955	1300
WEIGHT (KG)	13.6	17
MATERIAL	PORCELAIN	
PIN INCLUDED	M20X205MM STUD, DOUBLE HELIX WASHER, SQUARE WASHER & LOCK NUT	



33KV CLAMP TOP POST INSULATOR

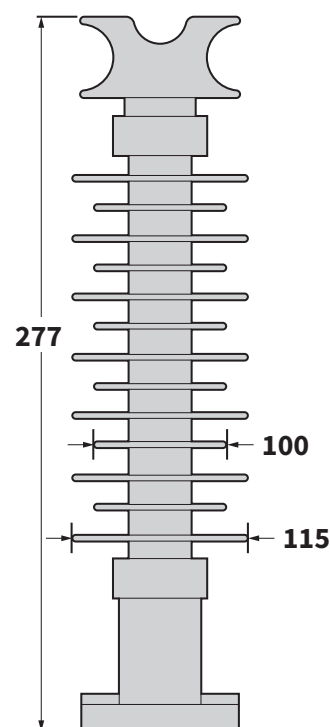
Cat No.	CJ8753-000	
STYLE	VERTICAL CLAMP TOP	
RATED VOLTAGE (KV)	33	
BIL (KV)	200	
WET POWER FREQ. (KV)	70	
CANTILEVER (KN)	11	
CREEPAGE (MM)	880	
WEIGHT (KG)	17.5	
MATERIAL	PORCELAIN	
CLAMP INCLUDED	AL CLAMP, 7-32MM O.D.	
PIN INCLUDED	M20x219mm STUD, SPRING WASHER, SQUARE WASHER & NUT	



MV POLYMER INSULATORS

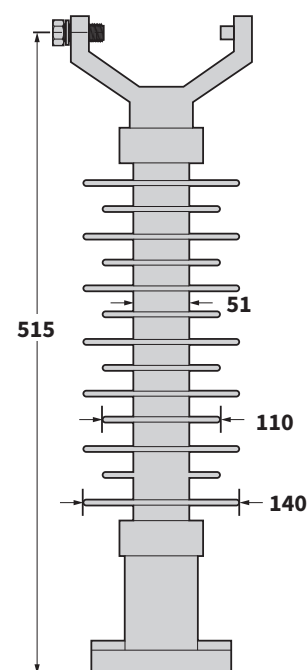
POLYMER POST INSULATORS - 11KV

Cat No.	CZ2120-000
INSULATOR STYLE	TIE TOP
USAGE VOLTAGE (KV)	11
CREEPAGE DISTANCE (mm)	535
DRY ARC DISTANCE (mm)	223
NO OF SHEDS	6
SCL (KN)	11
WET POWER FREQUENCY WITHSTAND (kV)	38
DRY POWER FREQUENCY WITHSTAND (kV)	60
LIGHTNING IMPULSE WITHSTAND (kV)	105
WEIGHT (KG)	2.02
COLOUR	GREY
END FITTING	GALVANISED CAST STEEL
HOUSING	SILICONE
CORE	FRP
PIN INCLUDED	M20x219mm STUD, SPRING WASHER, DOUBLE HELIX SPRING WASHER SQUARE WASHER & NUT
BOX QTY	6 (48X6 PER PALLET)



POLYMER VERTICAL CLAMP TOP INSULATOR - 33KV

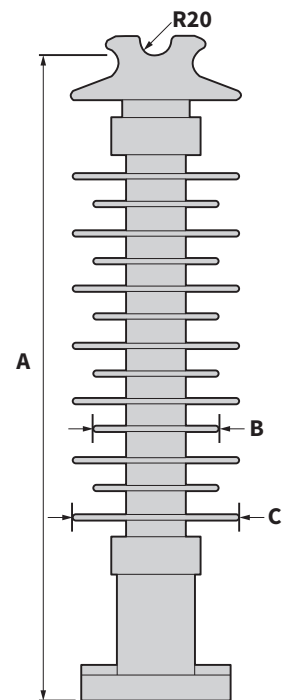
Cat No.	BM5624-000
INSULATOR STYLE	VERTICAL CLAMP TOP
USAGE VOLTAGE (KV)	36
CREEPAGE DISTANCE (mm)	1224
DRY ARC DISTANCE (mm)	420
NO OF SHEDS	13
CANTILEVER LOAD (KN)	8
WET POWER FREQUENCY WITHSTAND (kV)	100
DRY POWER FREQUENCY WITHSTAND (kV)	130
LIGHTNING IMPULSE WITHSTAND (kV)	235
WEIGHT (KG)	6.5
COLOUR	GREY
END FITTING	GALVANISED CAST STEEL
HOUSING	SILICONE
CORE	FRP
CLAMP (NOT INCLUDED)	CAT NO. = 3-1198345-6 AL CLAMP, 7-32MM O.D.
PIN INCLUDED	M20x219mm STUD, SPRING WASHER, DOUBLE HELIX SPRING WASHER SQUARE WASHER & NUT



MV EVA INSULATORS

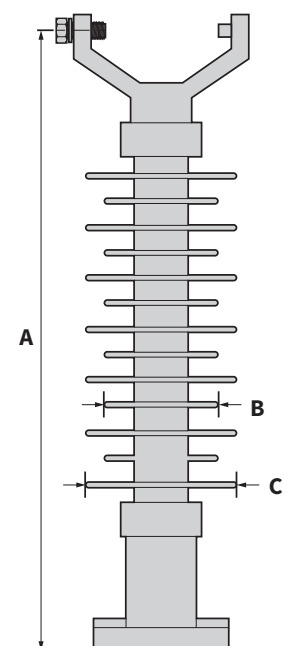
EVA VERTICAL TIE TOP - 19KV, 36KV & 43KV

Cat No.	RLP-19R-FG	CN5209-000	RLP-43R-FG
USAGE VOLTAGE (KV)	19	36	43
GROOVE (MM)	40	40	40
CREEPAGE DISTANCE (MM)	424	922	1074
DRY ARC DISTANCE (MM)	169	300	340
NO OF SHEDS	4	11	13
A (MM)	285	415	455
B (MM)	100	92	92
C (MM)	120	122	122
SCL (KN) & RTL (KN)	12.5	12.5	12.5
MDCL (KN)	5.5	5.5	5.5
STL (KN)	25	25	25
AC DRY FLASHOVER VOLTAGE (KV)	104	163	176
AC DRY WITHSTAND VOLTAGE (KV)	95	146	159
AC WET FLASHOVER VOLTAGE (KV)	72	120	129
AC WET WITHSTAND VOLTAGE (KV)	61	103	112
IMPULSE WITHSTAND VOLTAGE (KV)	137	219	244
STUD SIZE (NOT INCLUDED)	M20	M20	M20



EVA VERTICAL CLAMP TOP - 19KV, 36KV & 43KV

Cat No.	RLP-19R-VG	CN5208-000	RLP-43R-VG
USAGE VOLTAGE (KV)	19	36	43
CREEPAGE DISTANCE (MM)	424	922	1074
DRY ARC DISTANCE (MM)	169	300	340
NO OF SHEDS	4	11	13
A (MM)	299	429	469
B (MM)	100	92	92
C (MM)	120	122	122
SCL (KN) & RTL (KN)	12.5	12.5	12.5
MDCL (KN)	5.5	5.5	5.5
STL (KN)	25	25	25
AC DRY FLASHOVER VOLTAGE (KV)	104	163	176
AC DRY WITHSTAND VOLTAGE (KV)	95	146	159
AC WET FLASHOVER VOLTAGE (KV)	72	120	129
AC WET WITHSTAND VOLTAGE (KV)	61	103	112
IMPULSE WITHSTAND VOLTAGE (KV)	137	219	244
STUD SIZE (NOT INCLUDED)	M20	M20	M20



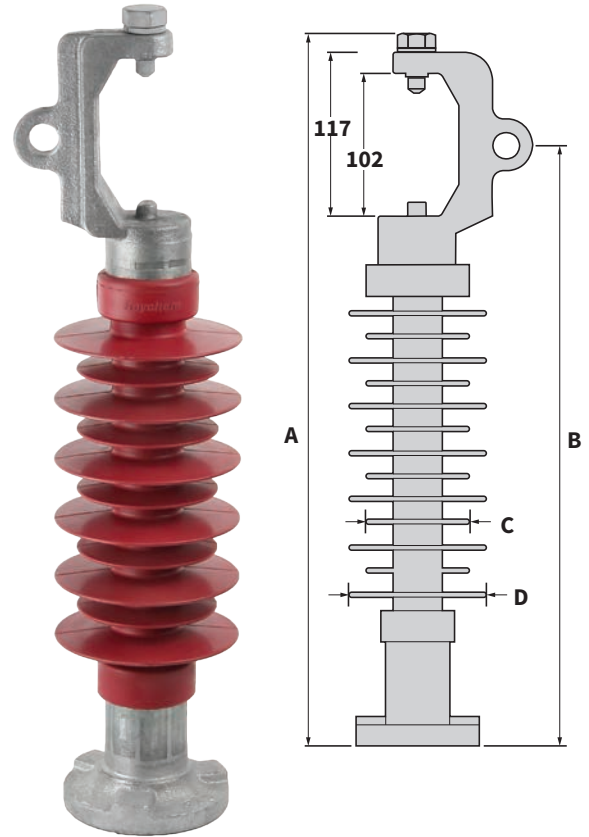
CLAMP (NOT INCLUDED)

COMPATIBLE CLAMP CAT NO. IS
3-1198345-6

MV EVA INSULATORS

EVA HORIZONTAL CLAMP TOP - 19KV, 36KV & 43KV

Cat No.	RLP-19R-HG	CR5420-000	RLP-43R-HG
USAGE VOLTAGE (KV)	19	36	43
CREEPAGE DISTANCE (MM)	424	922	1074
DRY ARC DISTANCE (MM)	169	300	340
NO OF SHEDS	4	11	13
A (MM)	401	531	571
B (MM)	320	450	490
C (MM)	100	92	92
D (MM)	120	122	122
SCL (KN) & RTL (KN)	12.5	12.5	12.5
MDCL (KN)	5.5	5.5	5.5
STL (KN)	25	25	25
AC DRY FLASHOVER VOLTAGE (KV)	104	163	176
AC DRY WITHSTAND VOLTAGE (KV)	95	146	159
AC WET FLASHOVER VOLTAGE (KV)	72	120	129
AC WET WITHSTAND VOLTAGE (KV)	61	103	112
IMPULSE WITHSTAND VOLTAGE (KV)	137	219	244
STUD SIZE (NOT INCLUDED)	M20	M20	M20
CLAMP (NOT INCLUDED)	COMPATIBLE CLAMP CAT NO. IS 3-1198345-6		



MV EVA INSULATOR ACCESSORIES

EVA & SILICONE POST INSULATOR ACCESSORIES

EVA insulators do not come with pins or clamps, these must be ordered separately. Please select the accessories you require from the table below.

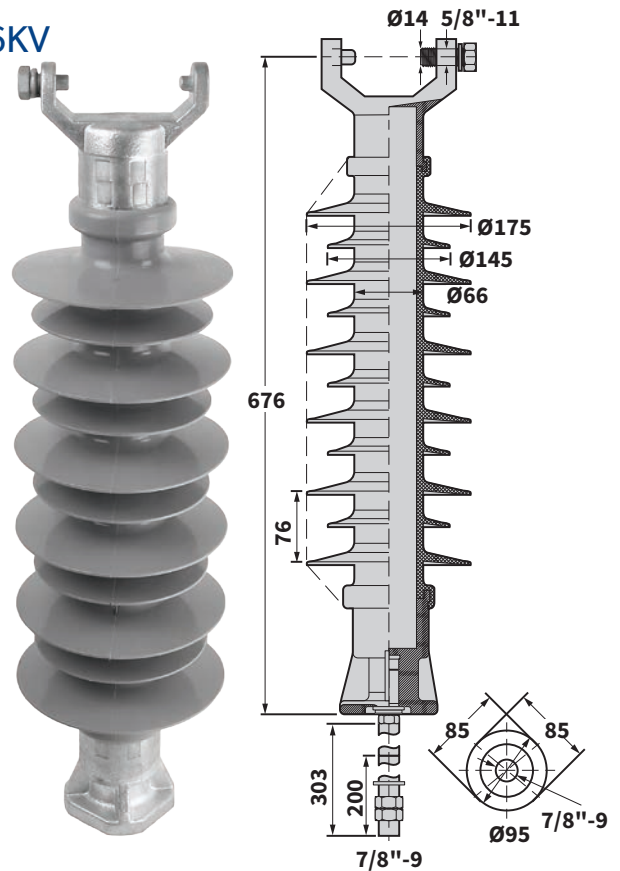
Cat No.	Description
3-1198345-6	AL C/TOP CLAMP 7 - 32MM OD
CN6147-000	STUD M20 X 218MM (X-ARM MOUNT)
CN6148-000	STUD M20 X 90MM (CHANNEL MOUNT)



HV POLYMER POST INSULATORS

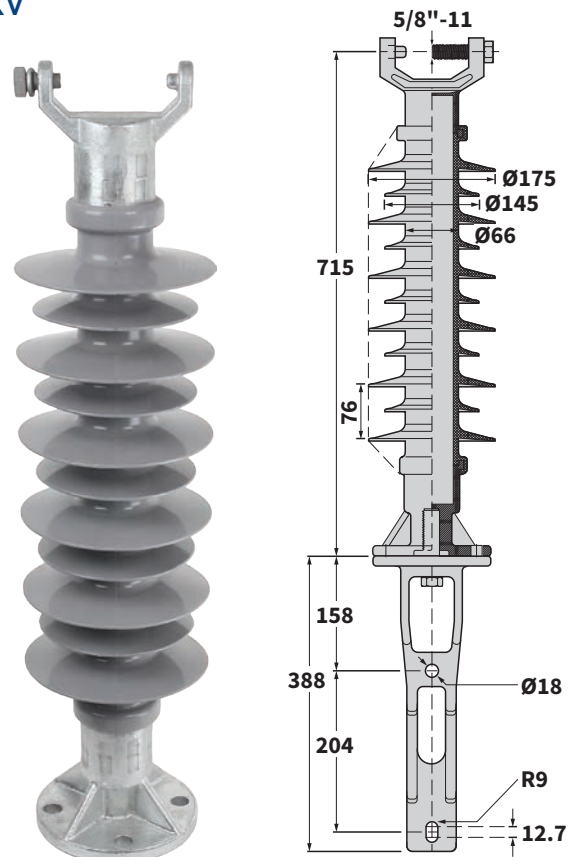
NPVW55CWO011 POLYMER VERTICAL LINE POST, 66KV

Cat No.	NPVW55CWO011
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	11
ARCING DISTANCE, MIN (mm)	517
LEAKAGE DISTANCE, MIN (mm)	1453
LOW FREQUENCY FLASHOVER VOLTAGE (kV) - DRY	225
- WET	175
CRITICAL IMPULSE FLASHOVER VOLTAGE (kV) - POSITIVE	335
- NEGATIVE	370
SPECIFIED CANTILEVER LOAD (kN)	9.5
MAXIMUM WORKING CANTILEVER LOAD (kN)	6.2
ROUTINE TENSILE TEST LOAD (kN)	11.2
APPROXIMATE WEIGHT (kg)	12
ROD	55mm NOM. Ø, EPOXY IMPREGNATED GLASS FIBERS
WEATHERSHEDS	HTV SILICONE
END FITTINGS	HOT DIP GALVANISED CAST IRON OR CAST STEEL (85um), BOLT 5/8"-11" + SPRING WASHER, Q235 STUD
PIN INCLUDED	7/8"-9 STUD WITH LOCK NUTS AND WASHERS INCLUDED, 303MM



NPVF55CWO011 POLYMER VERTICAL LINE POST, 66KV

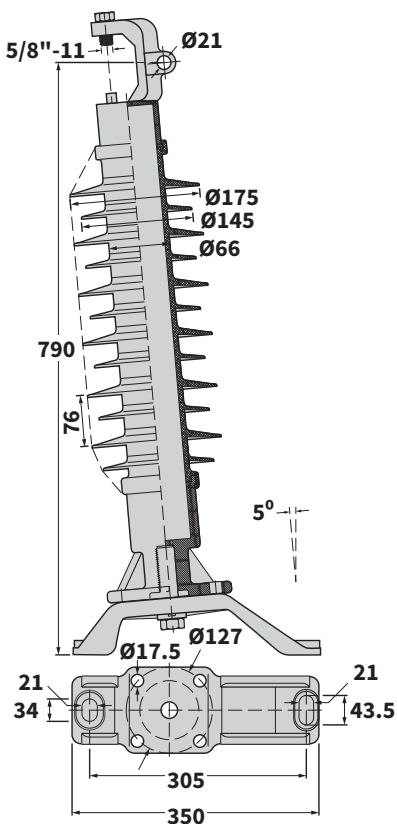
Cat No.	NPVF55CWO011
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	11
ARCING DISTANCE, MIN (mm)	517
LEAKAGE DISTANCE, MIN (mm)	1460
LOW FREQUENCY FLASHOVER VOLTAGE (kV) - DRY	225
- WET	175
CRITICAL IMPULSE FLASHOVER VOLTAGE (kV) - POSITIVE	335
- NEGATIVE	515
SPECIFIED CANTILEVER LOAD (kN)	9.5
MAXIMUM WORKING CANTILEVER LOAD (kN)	7.2
ROUTINE TENSILE TEST LOAD (kN)	11.2
APPROXIMATE WEIGHT (kg)	20.2
ROD	55MM NOM. Ø, EPOXY IMPREGNATED GLASS FIBERS
WEATHERSHEDS	HTV SILICONE GREY
END FITTINGS	HOT DIP GALVANISED CAST IRON / STEEL (85um), BOLT 5/8"-11" + SPRING WASHER
GAIN BASE INCLUDED	COMPATIBLE WITH CONCRETE POLE (FLAT SURFACE)



HV POLYMER POST INSULATORS

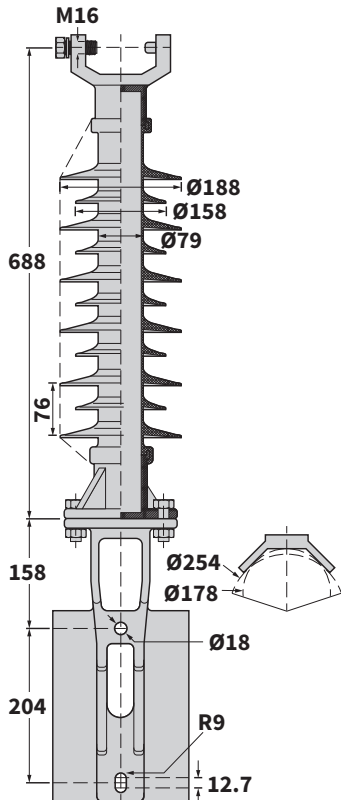
NPKF55CWO011 POLYMER HORIZONTAL LINE POST, 66KV

Cat No.	NPKF55CWO011
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	11
ARCING DISTANCE, MIN (mm)	517
LEAKAGE DISTANCE, MIN (mm)	1460
LOW FREQUENCY FLASHOVER VOLTAGE (kV) - DRY	225
- WET	175
CRITICAL IMPULSE FLASHOVER VOLTAGE (kV) - POSITIVE	335
- NEGATIVE	515
SPECIFIED CANTILEVER LOAD (kN)	8.5
MAXIMUM WORKING CANTILEVER LOAD (kN)	7.2
ROUTINE TENSILE TEST LOAD (kN)	11.2
APPROXIMATE WEIGHT (kg)	16
ROD	55MM NOM. Ø, EPOXY IMPREGNATED GLASS FIBERS
WEATHERSHEDS	HTV SILICONE GREY
END FITTINGS	HOT DIP GALVANISED CAST IRON / STEEL (85µm), BOLT 5/8"-11" + SPRING WASHER
GAIN BASE INCLUDED	COMPATIBLE WITH CONCRETE POLE (FLAT SURFACE)



NPVF68CWO011 POLYMER VERTICAL HD LINE POST, 66KV

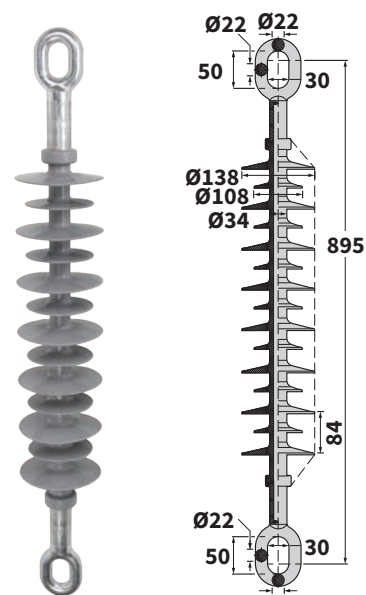
Cat No.	NPVF68CWO011
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	11
ARCING DISTANCE, MIN (mm)	520
LEAKAGE DISTANCE, MIN (mm)	1465
LOW FREQUENCY FLASHOVER VOLTAGE (kV) - DRY	220
- WET	175
CRITICAL IMPULSE FLASHOVER VOLTAGE (kV) - POSITIVE	330
- NEGATIVE	510
SPECIFIED CANTILEVER LOAD (kN)	28.6
MAXIMUM WORKING CANTILEVER LOAD (kN)	14.3
ROUTINE TENSILE TEST LOAD (kN)	16.5
APPROXIMATE WEIGHT (kg)	22.5
ROD	68mm NOM. Ø, EPOXY IMPREGNATED GLASS FIBERS
WEATHERSHEDS	HTV SILICONE GREY
END FITTINGS	HOT DIP GALVANISED CAST IRON OR CAST STEEL (85µm)
GAIN BASE INCLUDED	COMPATIBLE WITH WOOD POLE, DIA 178-254MM



HV POLYMER STRAIN INSULATORS

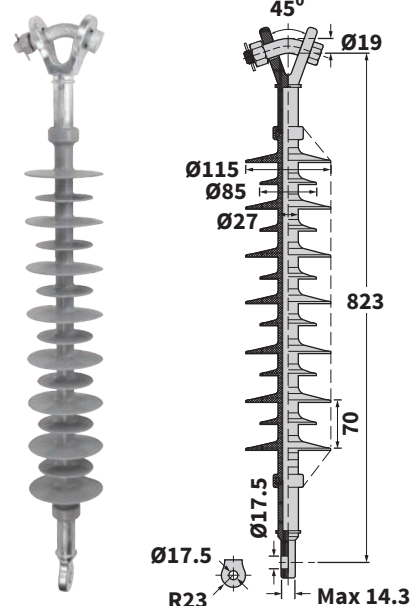
FEE160CWO POLYMER STRAIN, 160KN, 66KV

Cat No.	FEE160CWO
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	13
ARCING DISTANCE, MIN (mm)	615
LEAKAGE DISTANCE, MIN (mm)	1650
POWER FREQUENCY WITHSTAND VOLTAGE (kV)	DRY 1 MINUTE = 185 WET 1 MINUTE = 150
LIGHTNING IMPULSE WITHSTAND VOLTAGE (kV)	340
SPECIFIED MECHANICAL LOAD (kN)	160
ROUTINE TEST LOAD (kN)	80
FITTINGS	- ROD: 24mm OD,EPOXY & GLASS FIBER, ACID RESISTANT - WEATHERSHEDS: HTV SILICONE GREY - OVAL EYES: HOT DIP GALV FORGED STEEL (85um)



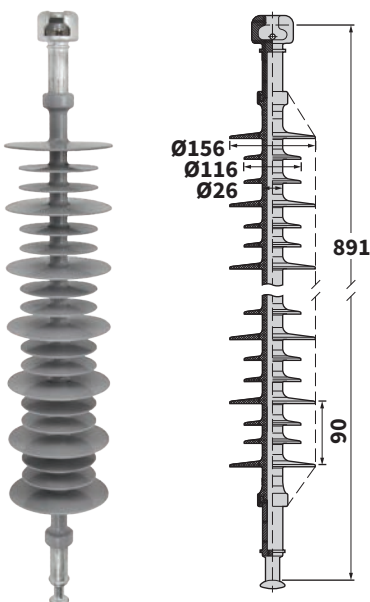
FYT120CWO015S0R0 POLYMER STRAIN, 120KN, 66KV

Cat No.	FYT120CWO015S0R0
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	15
ARCING DISTANCE, MIN (mm)	600
LEAKAGE DISTANCE, MIN (mm)	1500
POWER FREQUENCY WITHSTAND VOLTAGE (kV)	DRY 1 MINUTE = 175 WET 1 MINUTE = 135
LIGHTNING IMPULSE WITHSTAND VOLTAGE (kV)	315
SPECIFIED MECHANICAL LOAD (kN)	120
ROUTINE TEST LOAD (kN)	60
FITTINGS	- ROD: 18mm OD, EPOXY & GLASS FIBER, ACID RESISTANT - WEATHERSHEDS: HTV SILICONE GREY - FITTINGS: HOT DIP GALV CAST IRON OR FORGED STEEL (85um) - SPLIT PIN: STAINLESS STEEL



FSB120XL023 POLYMER STRAIN, 120KN, 66KV

Cat No.	FSB120XL023
USAGE VOLTAGE (kV)	69
NUMBER OF SHEDS	19
ARCING DISTANCE, MIN (mm)	690
LEAKAGE DISTANCE, MIN (mm)	2480
POWER FREQUENCY WITHSTAND VOLTAGE (kV)	DRY 1 MINUTE = 220 WET 1 MINUTE = 180
LIGHTNING IMPULSE WITHSTAND VOLTAGE (kV)	405
SPECIFIED MECHANICAL LOAD (kN)	120
ROUTINE TEST LOAD (kN)	60
FITTINGS	- ROD: 18mm OD, EPOXY & GLASS FIBER, ACID RESISTANT - WEATHERSHEDS: HTV SILICONE - FITTINGS: HOT DIP GALV FORGED STEEL (85um) (SOCKET & BALL) OR CAST STEEL (SOCKET ONLY) - SPLIT PIN: STAINLESS STEEL



HV GLASS DISC INSULATORS

BALL & SOCKET TYPE 120KN - F12/146 & F120P/146

Cat No.	F12/146	F120P/146
IEC class (in accordance with IEC 60305)	U120B	U120BP
TYPE	STANDARD	FOG TYPE
MINIMUM MECHANICAL FAILING LOAD (kN)	120	
DIAMETER (mm)	255	280
SPACING(mm)	146	146
CREEPAGE DISTANCE (mm)	320	445
METAL FITTING SIZE	16A	
POWER FREQUENCY WITHSTAND VOLTAGE (kV)		
- DRY, 1 MINUTE	70	80
- WET, 1 MINUTE	40	50
DRY LIGHTNING IMPULSE WITHSTAND VOLTAGE (kV)	100	125
PUNCTURE WITHSTAND VOLTAGE (kV)	130	130
STRINGS ELECTRICAL RATING DIAMETER / SPACING	255 / 146	280 / 146



STRINGS ELECTRICAL RATING

Cat No. Number of Units	STANDARD = F12/146			FOG TYPE = F120P/146		
	Power Frequency Withstand Voltage (kV)		Lightning Impulse Withstand Voltage (kV)	Power Frequency Withstand Voltage (kV)		Lightning Impulse Withstand Voltage (kV)
	Dry	Wet		Dry	Wet	
2	130	75	195	140	85	210
3	180	115	275	195	115	295
4	235	155	360	240	150	380
5	280	195	430	290	180	465
6	325	230	505	335	210	530
7	375	265	580	380	240	600
8	420	300	660	425	270	680
9	465	325	730	465	300	760
10	510	375	800	510	330	840
11	550	410	880	550	360	920
12	595	440	955	585	390	1000
13	635	475	1025	630	410	1080
14	675	510	1095	670	430	1160
15	715	540	1160	710	460	1240
16	755	570	1230	750	490	1320
17	800	600	1300	785	510	1410
18	855	635	1370	825	530	1500
19	875	665	1440	860	550	1580
20	915	700	1510	895	570	1655
21	950	730	1575	925	590	1730
22	990	760	1640	960	610	1810
23	1030	790	1710	995	630	1885
24	1065	820	1775	1025	650	1950
25	1100	855	1850	1060	670	2025
26	1140	880	1920	1090	690	2100
27	1175	910	1990	1120	710	2180
28	1215	935	2060	1155	730	2260
29	1255	965	2130	1185	750	2340
30	1290	990	2200	1215	770	2420



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