

## Technical Specification

### MECHANICAL VALUES

Bending Strength: (Upright & Underhung)	lbs/kN	2000/8.89
Compression Strength:	lbs/kN	15000/67
Tension Strength:	lbs/kN	14000/62
Torsion Strength:	in.lbs/kNm	12000/1.35

### ELECTRICAL VALUES

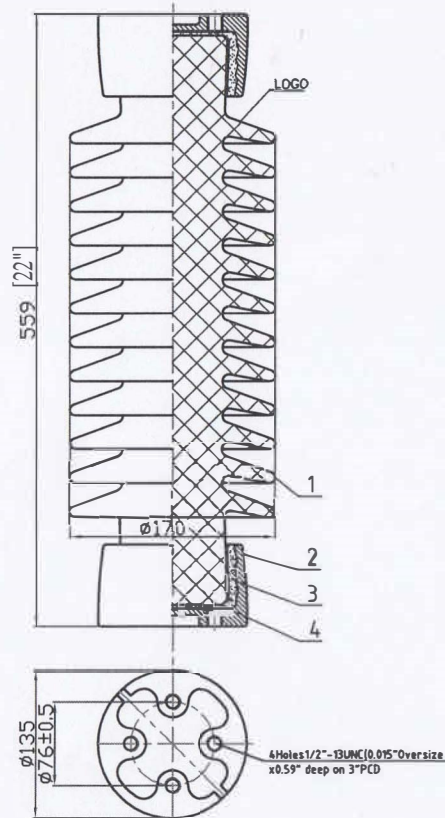
Dry Power Frequency Withstand Voltage:	kV	120.
Wet Power Frequency Withstand Voltage:	kV	100.
Wet Power Frequency Flashover Voltage:	kV	140.
Wet Power Frequency Flashover Voltage:	kV	110.
Lighting Impulse Withstand Voltage:	kVp	250
Impulse Flashover Voltage:	kVp	280
Min. Nom. Creepage Distance:	inch/mm	43 "/1095.
Shield profile as per IEC60185		

### RADIO INFLUENCE VOLTAGE DATA

Test Voltage To Ground:	kV	30
Max. RIV At 1000kHz:	µV	200

### NOTE

Test & tolerance as per IS:2544,5350 & IEC:60168,273 & ANSI:C29.9



4	cushion	2--4	Asphalt felt
3	cement		
2	cap	2	M.C.I., hot-galvanized
1	porcelain	1	Grey Glazed
Item	Title/Name	Quantity	Note

TITLE

STATION POST INSULATOR (BIL-250kV)

Ref

TR-214

All dimension are in mm.

NEWELL PSN LLC

Scale

Matl.

see table

Designed by

Checked by

Approved by

Date

2015.6.15

Drg.NO.

231005-7001

Rev.

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