

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. |

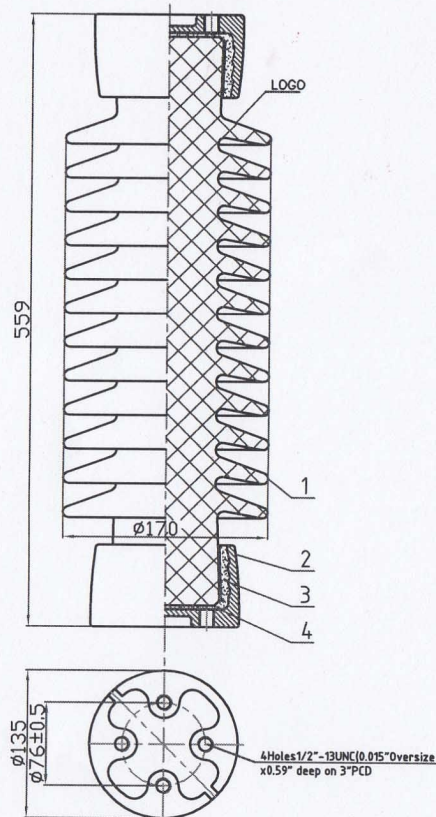
Shield profile as per IEC60185

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

Hu Feng

Checked by

Qi zhi jun

Approved by

Date

2015.6.15

Drg.NO.

4103AX

Rev.

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