**TECHNICAL PARTICULARS**

**MECHANICAL VALUES**

- Bending strength (Upright & under hung): 1500 lb, 6.67 kN
- Compression strength: 25000 lb, 111.2 kN
- Tensile strength: 16000 lb, 71.2 kN
- Torsional strength: 15000 lb, 1.69 kN

**ELECTRICAL VALUES**

- Dry power frequency withstand voltage: 165 kV
- Wet power frequency withstand voltage: 145 kV
- Dry power frequency flashover voltage: 210 kV
- Wet power frequency flashover voltage: 190 kV
- Lightning impulse withstand voltage: 350 kVp
- Impulse flash over voltage: 390 kVp
- Min. creepage distance: 72 inch, 1830 mm

**RADIO INFLUENCE VOLTAGE DATA**

- Test voltage to ground: 44 kV
- Max. RIV at 1000 kHz: 200 µV

**NOTE:**

Test & tolerance as per IS :2544, 5350 & IEC :60168, 273 & ANSI : C 29.9

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**STATION POST INSULATOR**

(BIL - 350 kV)

**231006 - 7001 [TR216]**

All dimensions are in mm/inch

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**NEWELL PSN LLC**