



## Technical Specification

### MECHANICAL VALUES

Bending Strength: (Upright & Underhung)	lbs/kN	2000/8.89
Compression Strength:	lbs/kN	15000/66.72
Tension Strength:	lbs/kN	12000/53.38
Torsion Strength:	in.lbs/kNm	10000/1.13

### ELECTRICAL VALUES

Dry Power Frequency Withstand Voltage:	kV	100.
Wet Power Frequency Withstand Voltage:	kV	80.
Wet Power Frequency Flashover Voltage:	kV	145.
Wet Power Frequency Flashover Voltage:	kV	100.
Lighting Impulse Withstand Voltage:	kVp	200
Impulse Flashover Voltage:	kVp	225
Min. Nom. Creepage Distance:	inch/mm	37 "/940.

### RADIO INFLUENCE VOLTAGE DATA

Test Voltage To Ground:	kV	22
Max. RIV At 1000kHz:	µV	100

### NOTE

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

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

TITLE

STATION POST INSULATOR (BIL-200kV)

Ref

TR-210 - 231004-7001

All dimension are in mm.

NEWELL PSN LLC

Scale

Matl.

see table

Date

2015.6.15