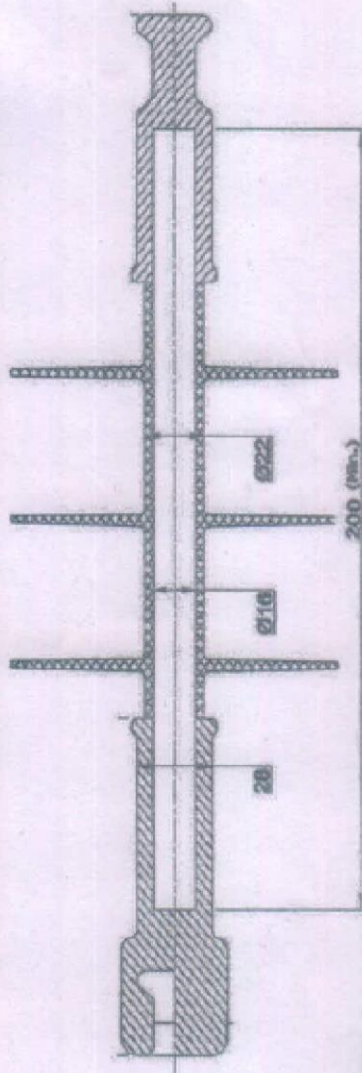


11KV, 450N, 320 Creepage Distance, Long Rod, B & S Type Composite (Polymer) Insulator



CHARACTERISTICS / Applicable Standard : (ISC 61.091-2008) with amendment, if any.

- Ball Weight : S.G. Iron / MCI
- Socket Fitting : S.G. Iron / MCI
- Pin Rod Diameter : ≥ 16 mm
- Pin Rod Length : ≥ 2000 mm (Min.)
- Rated Voltage : 11 KV (rms)
- No. of Shards : 5 (Min.)
- Creepage Distance : ≥ 320 mm (Min.)
- Dry Arc Distance : 165 mm (Min.)
- Minimum Tensile Load : 450N (Shed)
- Highest System Voltage : 12 KV (rms)
- Dry Power Frequency Withstand Voltage : ≥ 70 KV (rms)
- Wet Power Frequency Withstand Voltage : ≥ 45 KV (rms)
- Dry Lightning Impulse Withstand Voltage : ≥ 110 KV (peak)
- Visible Discharge Voltage : ≥ 6 KV (rms)

*11" type - polymeric bronze / 11" type - Stainless steel security clip as per IS 2485 (P - 1971/94)

TOLERANCE AS PER IS 61.09-2008

DIA. OF SHED : ≥ 90 mm

WEIGHT OF INSULATOR : 1 KG (APPROX.)

This is T-caster Drawing
All Dimensions Are In mm.

[Signature]
Chief Engineer (Material)
PGVCL, Corporate Office
Rajkot.

TITLE: 11 KV, 450N 320 CD COMPOSITE B & S TYPE DISC INSULATOR	 AS SCALE: RTB DRG NO.: 11KV/2008-320CD B & S Polymer
APPROVED BY:	