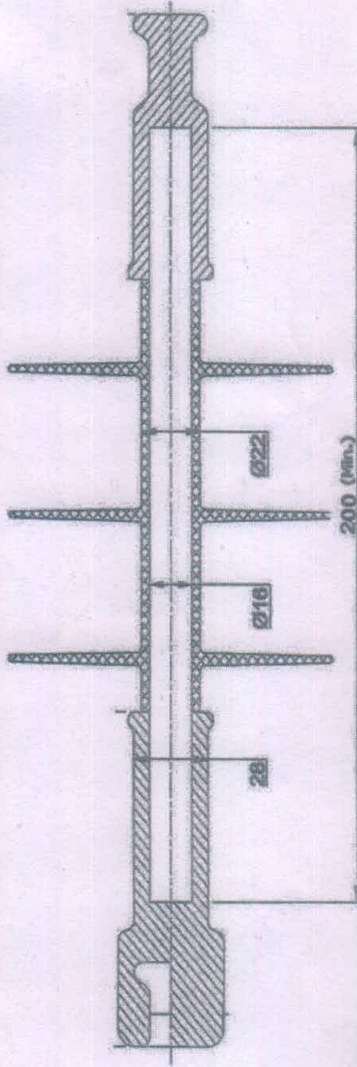


TENDER NO. PGVCL/PROC/11KV Polymeric Disc Insulator/795

11KV, 45KN, 320 Creepage Distance, Long Rod, B & S Type Composites (Polymer) Insulator



CHARACTERISTICS: / Applicable Standard : IEC 61109:2006 with amendment, if any.

- Ball Fitting : S.G. Iron / NCI
- Socket Fitting : S.G. Iron / NCI
- FRP Rod Diameter : 16 mm
- FRP Rod Length : ≥ 2000 mm (Min.)
- Rated Voltage : 11 KV (rms)
- No. of Strands : 3 (Min.)
- Creepage Distance : ≥ 320 mm (Min.)
- Dry Arc Distance : 165 mm (Min.)
- Minimum Tensile Load : 45KN (Shel.)
- 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 : 9 KV (rms)
- *R* type - phosphor bronze / *R* type - Stainless Steel

TOLERANCE AS PER IEC 61109:2006

DIA. OF SHED : ≥ 90 mm

WEIGHT OF INSULATOR : 1 KG (APPROX.)

This is Tender Drawing
All Dimensions Are in MM.

TITLE : 11KV, 45KN 320
CD COMPOSITE B & S
TYPE DBC INSULATOR



SCALE: NTS

DRG NO.: 11KV/45KN-320CD B & S
Polymer

APPROVED BY:

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