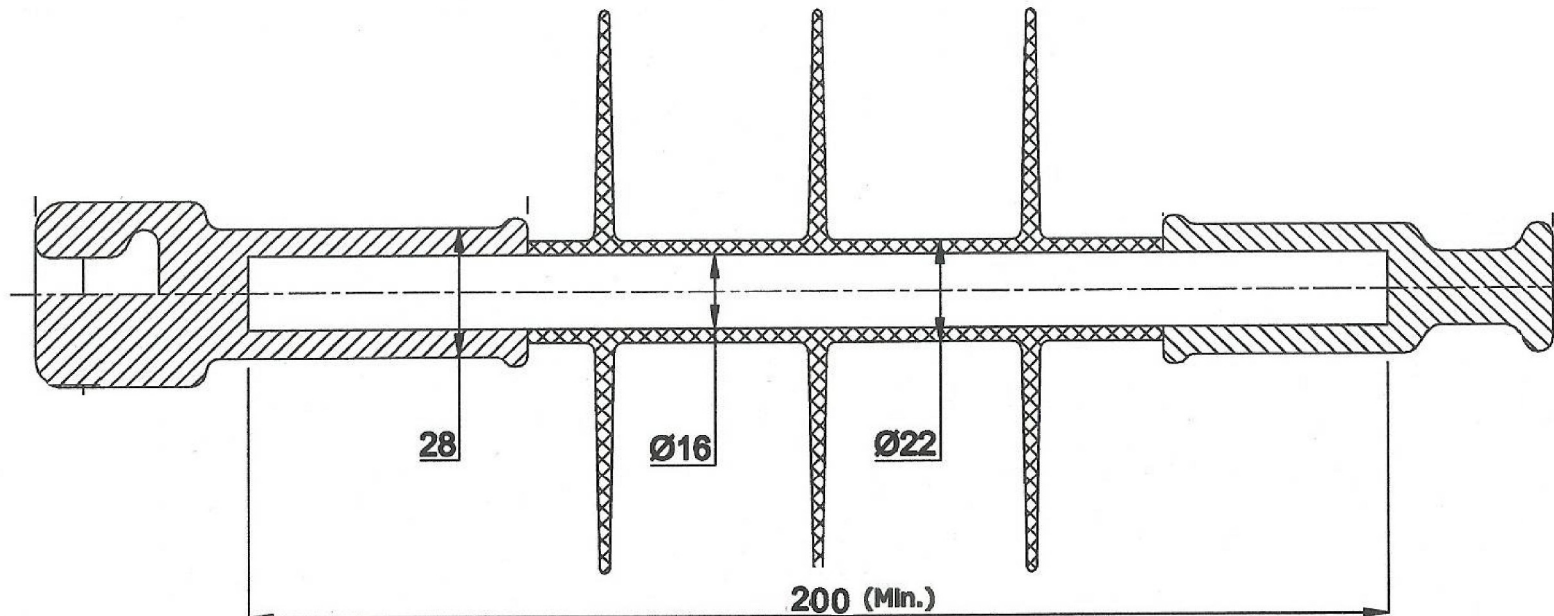


**11KV, 45KN, 320 Creepage Distance, Long Rod, B & S Type Composite (Polymer) Insulator**



**CHARACTERISTICS:** / Applicable Standard : (IEC 61109:2008) with amendment, if any.

Ball Fittings	: S.G. Iron / MCI
Socket Fitting	: S.G. Iron / MCI
FRP Rod Diameter	: $\geq 16$ mm
FRP Rod length	: $\geq 200$ mm (Min.)
Rated Voltage	: 11 KV
Nos. of Sheds	: 3 (Min.)
Creepage Distance	: $\geq 320$ mm (Min.)
Dry Arc Distance	: 165 mm (Min.)
Minimum Tensile Load	: 45KN (SML)
Highest System Voltage	: 12 KV
Dry Power Frequency Withstand Voltage	: $\geq 70$ KV
Wet Power Frequency Withstand Voltage	: $\geq 45$ KV
Dry Lighting Impulse withstand	: $\geq 110$ KV
Visible Discharge Voltage	: 9 KV
"W" type - phosphors Bronze / "R" type - Stainless Steel security clip as per IS 2486 (P - III/1974)	
TOLERANCE AS PER IEC 61109:2008	
DIA. OF SHED	: $\geq 90$ mm
WEIGHT OF INSULATOR	: 1 KG (APPROX.)

**This is Schematic Drawing**

**All Dimensions Are In MM.**

<p><b>TITLE:</b> 11 KV, 45KN 320 CD COMPOSITE B &amp; S TYPE DISC INSULATOR</p>		<p>A4</p>
<p><b>APPROVED BY:</b></p>		<p><b>SCALE:</b> NTS</p>
<p><b>DRG NO.:</b> 11KV/45KN-320CD B &amp; S/ Polymer</p>		