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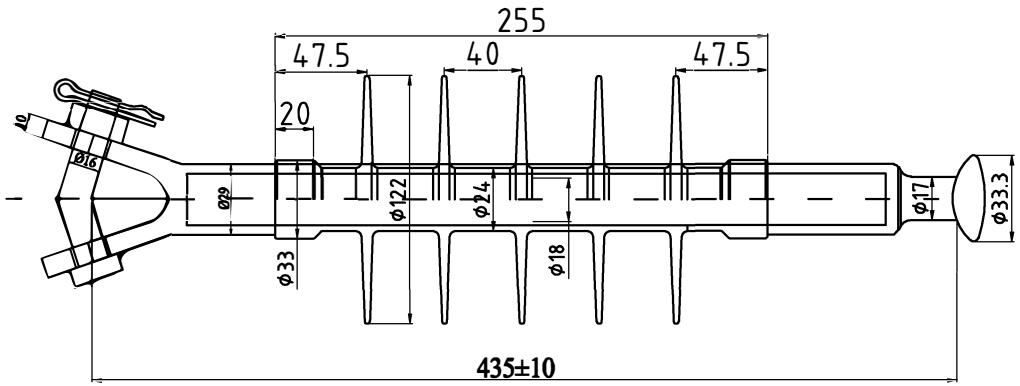

DIMENSIONS:

- Height: 435±10 mm.
- Min. Dry Arcing Distance : 270 mm.
- Min. Creepage Distance: 680mm.
- Diameter Of The Rod: Ø18mm.
- Coupling Dimensions: Y-Clevis/Ball.
- Number Of Sheds: 5.

RAW MATERIALS:

1. End-fitting:

1.1 Material:

Socket: Cast Iron Or Cast Steel, Hot Dip Galvanized.

Ball: Forged Steel, Hot Dip Galvanized.

1.2 Minimum Thickness Of The Galvanization: 86 um.

2. Core:

2.1 Material: Epoxy & Glass Fiber, Acid-Resistant Type.

2.2 Diamter: Ø18mm.

3. Weather sheds:

3.1 Material: HTV Silicone .

3.2 Color: Gray.

MECHANICAL:

- Specified Mechanical Load (SML): 70 kN.
- Routine Test Load (RTL): 35kN.
- Standard: IEC 61109-2008 IEC 60120-1984

ELECTRICAL:

- Rated Voltage: 24kV.
- Critical Impulse Flashover Voltage (Pos/Neg): 200/200KV.
- Standard: IEC 61109-2008 IEC 60120-1984

						General Drawing		
Mark	Amount	Section	Modifying File NO.	Sign	Y M D			24kV Composite Suspension Insulator
Design		20.10.10	Standard			Stage Mark	Weight (kg)	Ratio
Check								24kV70KN-435-201010001
Verify								
Process			Approved			1 Page in all The 1st Page		