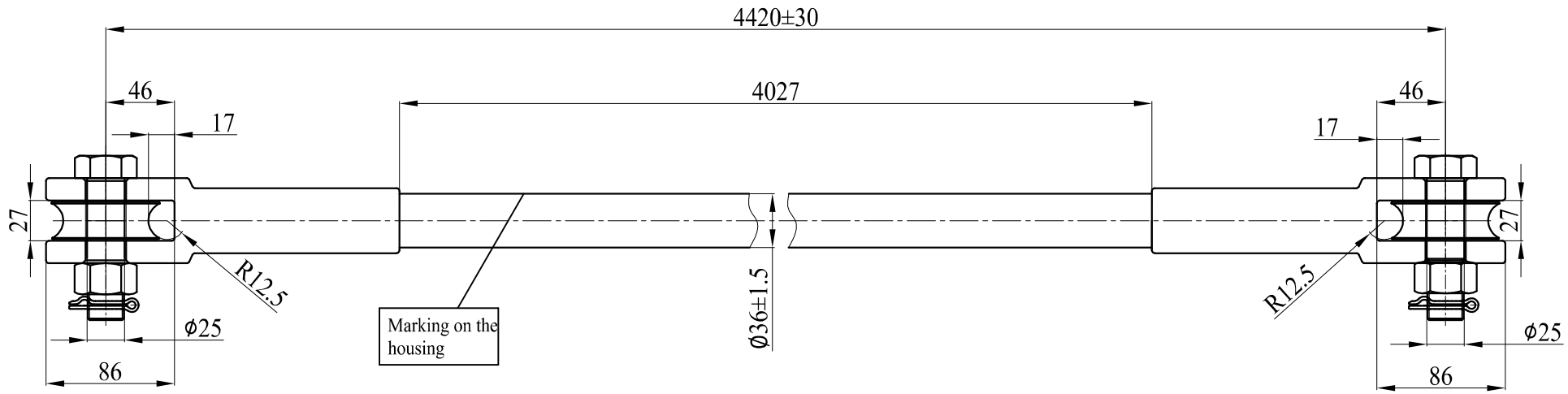

MECHANICAL:

- Specified Mechanical Load (SML): 300 kN.
- Routine Test Load (RTL): 150 kN.
- Standard: IEC 61109

ELECTRICAL:

- Rated Voltage: 145 kV.
- Standard: IEC 61109.

DIMENSIONS:

- Height : 4420±30 mm.

RAW MATERIALS:

1. End-fitting :
1.1 Material : Hot Dip Galvanized Steel.
1.2 Mean coating thickness(minimum): 86μm.
2. Core :
2.1 Material : Epoxy & Glass Fiber.
3.Weather sheds :
3.1 Material : HTV Silicone .
3.2 Color : Gray.

						General Drawing			Wuhan Line Power Transmission Equipment Co., Ltd.
									FXBW-145/300 Guy Strain Insulator
Mark	Amount	Section	Modifying File NO.	Sign	Y M D				
Design		2025.09.12	Standard			Stage Mark	Weight (kg)	Ratio	
Check							14.2		145kV300-4420-20250912-CC-WR
Verify									
Process			Approved			1 Page in all The 1st Page			