

MPS Catalog Number:

**MG550Z**

Rev: A  
Date: 4/9/2026  
IEC Class: **IEC 32**  
Ball and Socket Coupling: w/ Zinc Sleeve 32  
Shell Profile: Standard  
Weight: 39.2 lbs 17.8 kg

**DIMENSIONS**

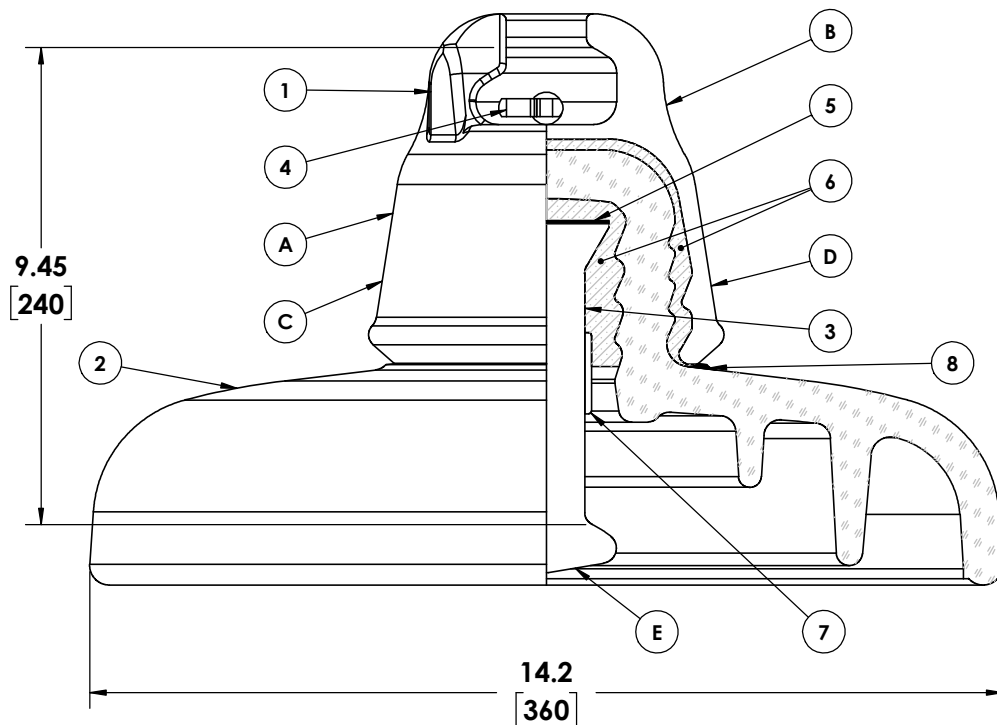
Diameter (D): 14.2 in 360 mm  
Spacing: 9.45 in 240 mm  
Leakage Distance: 25.0 in 635 mm

**ELECTRICAL VALUES**

Low Frequency Dry Flashover: 90 kV  
Low Frequency Wet Flashover: 55 kV  
Critical Impulse Flashover Positive (CIFO +): 140 kV  
Critical Impulse Flashover Negative (CIFO -): 140 kV  
Low Frequency Puncture Voltage: 130 kV  
Radio Influence Voltage(RIV) Test Voltage: 10 kV  
Maximum RIV at 1 MHz: 50 μV

**MECHANICAL VALUES**

Combined Electrical & Mechanical (M&E) Rating 124 klb 550 kN  
Routine Test Mech. Proof Load: 62 klb 275 kN  
Impact Strength: 400 in-lbs 45 N-m



**A** INSULATOR SUPPLIER MARKING    **B** CAP SUPPLIER MARKING    **C** TEST 62000 M&E 124000 MG550Z    **D** YEAR OF MANUFACTURE YYYY    **E** COUNTRY OF ORIGIN STAMP

Item#	Qty	Description	Material
1	1	Cap	Hot Dip Galvanized Cast Iron
2	1	Shell	Toughened Glass
3	1	Pin	Hot Dip Galvanized Forged Steel
4	1	Cotter Pin	Stainless Steel ANSI
5	1	Gasket	Asphalt Felt
6	- - -	Cement	Aluminous Cement, Hot Cured
7	1	Zinc Sleeve	Zinc
8	1	Coating	Pile