



# MacLean Power Systems

MPS Catalog Number:

**MG5211Z**

Rev: A

ANSI Class: **ANSI 52-11**

Ball and Socket Coupling: w/ Zinc Sleeve      Type K

Shell Profile: Standard

Weight: 17.4 lbs      7.9 kg

## DIMENSIONS

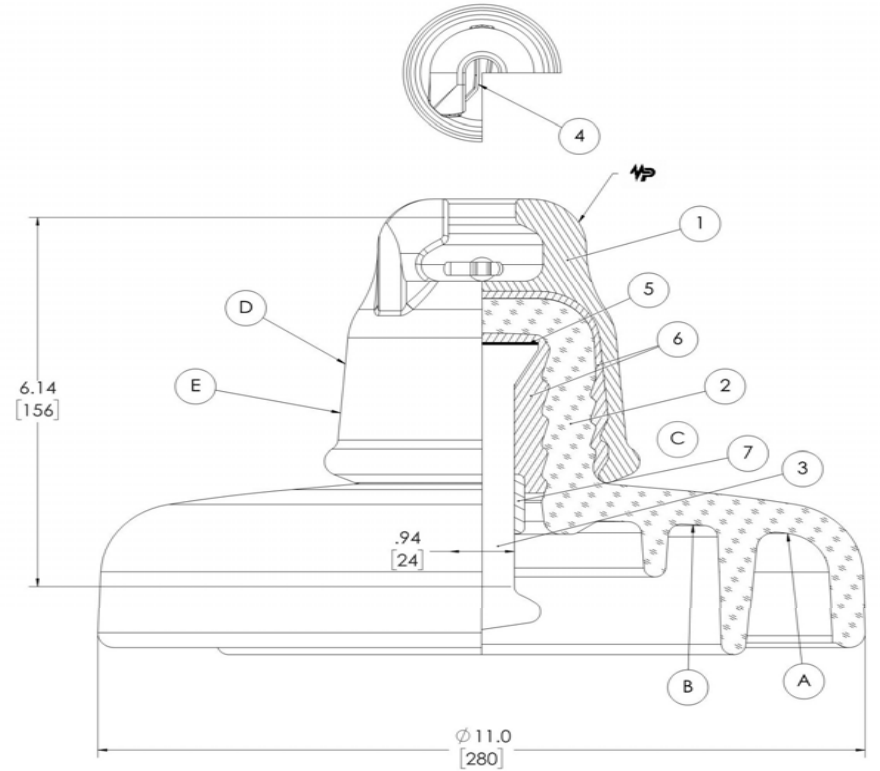
Diameter (D):	11.0 in	280 mm
Spacing:	6.14 in	156 mm
Leakage Distance:	16.9 in	428 mm

## ELECTRICAL VALUES

Low Frequency Dry Flashover:	80 kV
Low Frequency Wet Flashover:	50 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	50.0 klb	222 kN
Routine Test Mech. Proof Load:	25.0 klb	111 kN
Impact Strength:	400 in-lbs	45 N-m



(A) U240 X YY      (B) 7      (C) 00-YOP      (D) Test 25000 M&E 50000 52-11      (E) Country of Origin Stamp  
 X: 1= YuAIZ, 2=LIK  
 YY: Year

Item#	Qty	Description	Material	Coating
1	1	Cap	Spheroidal Graphite Cast Iron	Hot dip galvanized (600g/m <sup>2</sup> )
2	1	Shell	Toughened Glass	
3	1	Pin	Steel 40 Cr-Forged Steel	Hot dip galvanized (600g/m <sup>2</sup> )
4	1	Cotter Pin	Stainless Steel V-16 ANSI	
5	1	Gasket	Interlaying Material	
6	- - -	Cement	Alumina Cement	
7	1	Zinc Sleeve	Zinc	

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