

MPS Catalog Number:  
Date:

S5 40 80 108 VB SS 047  
09/05/2013

**END FITTINGS**

Tower End Fitting: Y-Clevis  
Line End Fitting: Ball (ANSI 52-5)

**MATERIAL**

Corona Ring (Tower): None  
Corona Ring (Line): 12" Corona Ring  
Corona Rings are recommended for applications of 230 kV and above  
Number of Sheds: 47 standard  
Rod Diameter: 16 mm  
Weight Estimate: 25.5 lbs 11.6 kg

**DIMENSIONAL VALUES**

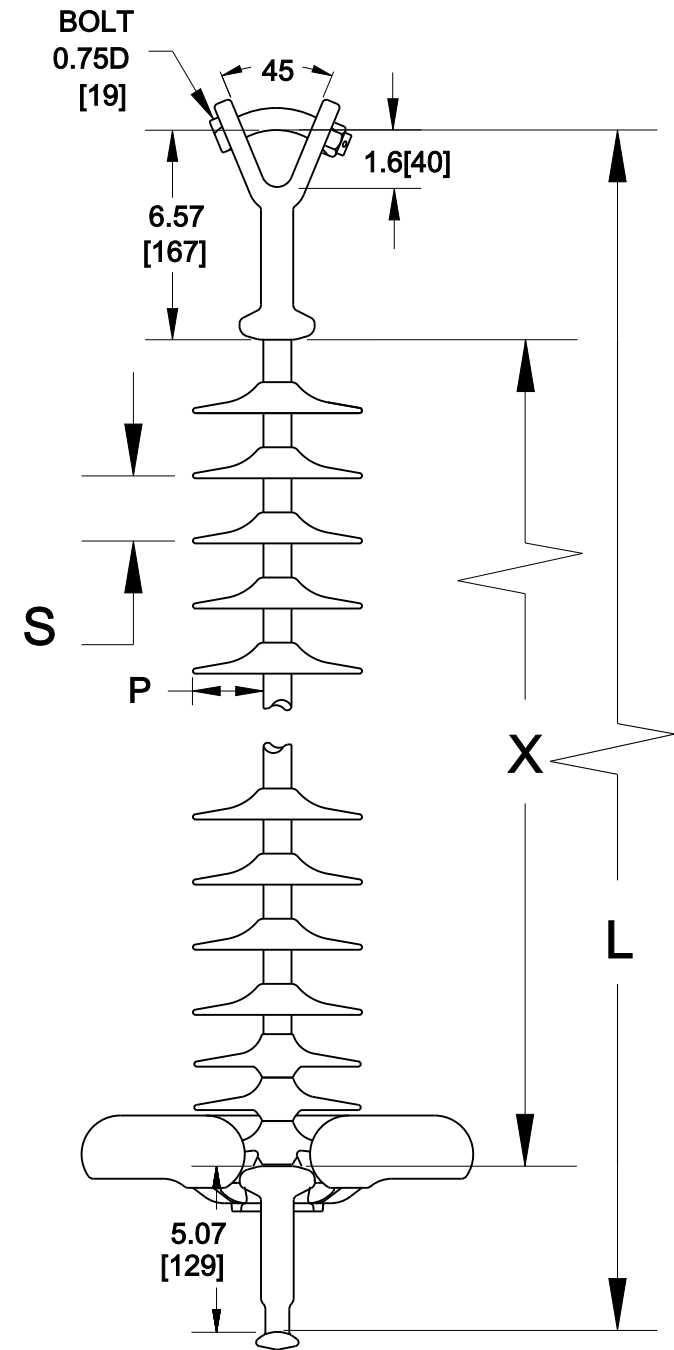
Section Length (L): 119.2 in 3,028 mm  
Rubber Length (X): 108 in 2,732 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 2.34 in 59 mm  
Dry Arc Distance: 107.7 in 2,736 mm  
Leakage Distance: 288.7 in 7,333 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 1,023 kV Min. Withstand: 920 kV  
60 Hz Wet Flashover: 877 kV Min. Withstand: 737 kV  
Pos. Critical Impulse Flashover: 1,697 kV Min. Withstand: 1,529 kV  
Neg. Critical Impulse Flashover: 1,763 kV Min. Withstand: 1,593 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML): 30,000 lbs 133.4 kN  
Routine Test Load (RTL): 15,000 lbs 66.7 kN



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Dimensions: inches [millimeters]  
Note: Drawing not actual depiction of insulator appearance

Silicone Rubber Sheath & Sheds  
Complies with applicable ANSI and IEC standards.