

MPS Catalog Number:  
Date:

S1 40 80 084 VA SS 028  
09/04/2013

**END FITTINGS**

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

**MATERIAL**

Corona Ring (Tower): None  
Corona Ring (Line): 8" Corona Ring  
Corona Rings are recommended for applications of 230 kV and above  
Number of Sheds: 28 standard  
Rod Diameter: 16 mm  
Weight Estimate: 16.9 lbs 7.7 kg

**DIMENSIONAL VALUES**

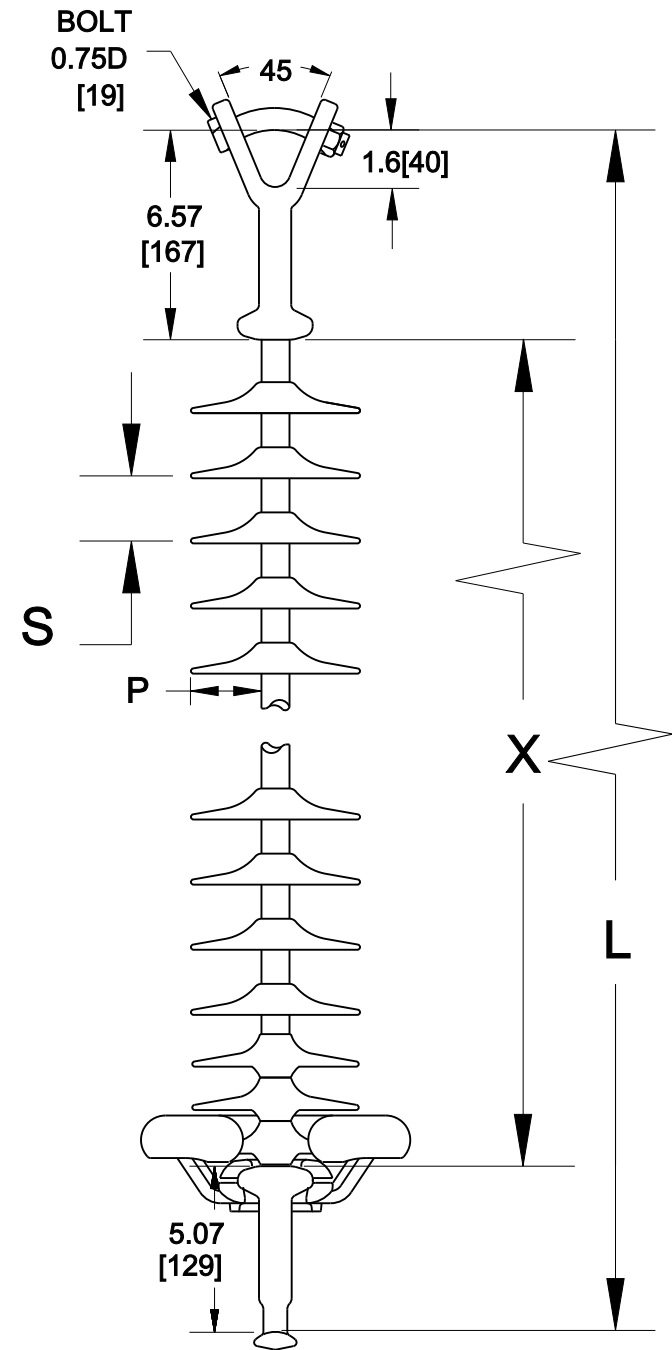
Section Length (L): 95.2 in 2,418 mm  
Rubber Length (X): 84 in 2,122 mm  
Standard Shed Height (P): 2.1 in 54 mm  
Shed Spacing (S): 3.19 in 81 mm  
Dry Arc Distance: 83.7 in 2,126 mm  
Leakage Distance: 190.9 in 4,849 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 811 kV Min. Withstand: 732 kV  
60 Hz Wet Flashover: 691 kV Min. Withstand: 601 kV  
Pos. Critical Impulse Flashover: 1,347 kV Min. Withstand: 1,204 kV  
Neg. Critical Impulse Flashover: 1,407 kV Min. Withstand: 1,232 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML): 25,000 lbs 111.2 kN  
Routine Test Load (RTL): 12,500 lbs 55.6 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.