

MPS Catalog Number:  
Date:

S6 40 82 082 VA SS 042  
02/28/2014

**END FITTINGS**

Tower End Fitting: Y-Clevis  
Line End Fitting: Ball (ANSI 52-8)

**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: 42 standard  
Rod Diameter: 18 mm  
Weight Estimate: 22.2 lbs 10.1 kg

**DIMENSIONAL VALUES**

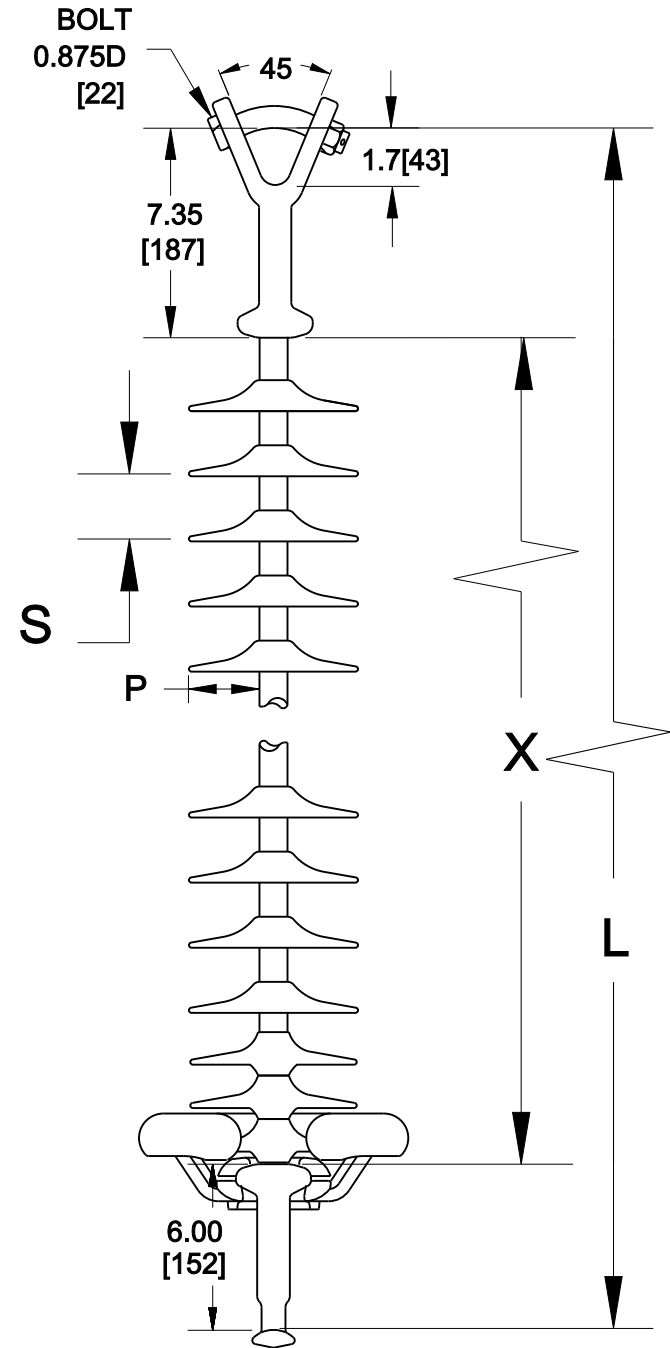
Section Length (L): 95.4 in 2,423 mm  
Rubber Length (X): 82 in 2,083 mm  
Standard Shed Height (P): 2.2 in 55 mm  
Shed Spacing (S): 1.97 in 50 mm  
Dry Arc Distance: 82.2 in 2,088 mm  
Leakage Distance: 243.7 in 6,190 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover: 797 kV Min. Withstand: 720 kV  
60 Hz Wet Flashover: 681 kV Min. Withstand: 592 kV  
Pos. Critical Impulse Flashover: 1,325 kV Min. Withstand: 1,183 kV  
Neg. Critical Impulse Flashover: 1,385 kV Min. Withstand: 1,211 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML): 36,000 lbs 160.1 kN  
Routine Test Load (RTL): 18,000 lbs 80.1 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.